# ภาคผนวก ฐ-5

คุณภาพน้ำใต้ดิน

# Analysis / Test Report

TESTING
No.0009

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-1 |
| **Sampled Date** | Dec 14, 2023 9:10 AM |
| **Sample Description** | Underground Water |
| **Location** | GW1 : บ่อน้ำใต้ดินบริเวณบ้านคลองขนุน (GPS 47P 0757500, 1427376) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Aluminium | mg/L | 0.003 | 0.005 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.006 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Barium | mg/L | 0.0003 | 0.0005 | 0.06 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.003 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Copper | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤1.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| Iron | mg/L | 0.003 | 0.005 | 1.23 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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**Approved by**

Siriluk Puengpang
Section Head

# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
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**Project Location**:

**Lot ID: 23136566**
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|---|---|
| **Sample Number** | 23136566-1 |
| **Sampled Date** | Dec 14, 2023 9:10 AM |
| **Sample Description** | Underground Water |
| **Location** | GW1 : บ่อน้ำใต้ดินบริเวณบ้านคลองขนุน (GPS 47P 0757500, 1427376) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Manganese | mg/L | 0.0003 | 0.0005 | 0.31 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.001 | In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E | Bangkok |
| Nickel | mg/L | 0.0003 | 0.0005 | 0.0007 | ≤0.02 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Selenium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Trivalent Chromium * | mg/L | - | 0.01 | <0.01 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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Siriluk Puengpang
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**P/O :** RJN-029/66
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**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
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| | |
|---|---|
| **Sample Number** | 23136566-1 |
| **Sampled Date** | Dec 14, 2023 9:10 AM |
| **Sample Description** | Underground Water |
| **Location** | GW1 : บ่อน้ำใต้ดินบริเวณบ้านคลองขนุน (GPS 47P 0757500, 1427376) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Zinc | mg/L | 0.003 | 0.005 | 0.01 | ≤5.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| **Microbiological Testing** | | | | | | | |
| *Escherichia coli* | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F | Bangkok |
| Fecal Coliform | MPN/100mL | - | - | 2.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| Total Coliform | MPN/100mL | - | - | 240.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-1 |
| **Sampled Date** | Dec 14, 2023 9:10 AM |
| **Sample Description** | Underground Water |
| **Location** | GW1 : บ่อน้ำใต้ดินบริเวณบ้านคลองขนุน (GPS 47P 0757500, 1427376) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Aldrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-1 |
| **Sampled Date** | Dec 14, 2023 9:10 AM |
| **Sample Description** | Underground Water |
| **Location** | GW1 : บ่อน้ำใต้ดินบริเวณบ้านคลองขนุน (GPS 47P 0757500, 1427376) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Chlordane | ug/L | 0.02 | 0.04 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.03 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-1 |
| **Sampled Date** | Dec 14, 2023 9:10 AM |
| **Sample Description** | Underground Water |
| **Location** | GW1 : บ่อน้ำใต้ดินบริเวณบ้านคลองขนุน (GPS 47P 0757500, 1427376) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | ≤0.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor and Heptachlor epoxide * | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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# Analysis / Test Report

TESTING
No.0009

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-1 |
| **Sampled Date** | Dec 14, 2023 9:10 AM |
| **Sample Description** | Underground Water |
| **Location** | GW1 : บ่อน้ำใต้ดินบริเวณบ้านคลองขนุน (GPS 47P 0757500, 1427376) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| **Water Testing** | | | | | | | |
| Chloride as Cl * | mg/L | 0.5 | 1 | 9 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B) | Rayong |
| Color * | Color unit | - | 5 | <5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B | Rayong |
| Fluoride * | mg/L | - | 0.2 | <0.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C) | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | <0.05 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |
| Non-Carbonate Hardness as CaCO3 * | mg/L | - | 1 | <1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B | Rayong |
| pH at 25 degree C * | | - | - | 7.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-1 |
| **Sampled Date** | Dec 14, 2023 9:10 AM |
| **Sample Description** | Underground Water |
| **Location** | GW1 : บ่อน้ำใต้ดินบริเวณบ้านคลองขนุน (GPS 47P 0757500, 1427376) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Water Testing** | | | | | | | |
| Sulfate * | mg/L | 0.6 | 2 | 9.6 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E) | Rayong |
| Temperature * | Degree C | - | - | 28.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C * | mg/L | - | 5 | 126 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Hardness as CaCO3 * | mg/L | - | 1 | 101 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C | Rayong |
| Turbidity * | NTU | - | 0.1 | 8.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Rayong |

**Guideline** : Notification of the National Environmental Board, No. 20, B.E.2543

**Sampling By :** Tanasit Wongsachai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-2 |
| **Sampled Date** | Dec 14, 2023 9:50 AM |
| **Sample Description** | Underground Water |
| **Location** | GW2 : บ่อน้ำใต้ดินบริเวณบ้านหัวชวด (GPS 47P 0752479, 1423060) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Aluminium | mg/L | 0.003 | 0.005 | 0.007 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.002 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Barium | mg/L | 0.0003 | 0.0005 | 0.20 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.003 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Copper | mg/L | 0.0003 | 0.0005 | 0.006 | ≤1.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| Iron | mg/L | 0.003 | 0.005 | 16.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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**Approved by**

Siriluk P.

Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-2 |
| **Sampled Date** | Dec 14, 2023 9:50 AM |
| **Sample Description** | Underground Water |
| **Location** | GW2 : บ่อน้ำใต้ดินบริเวณบ้านหัวชวด (GPS 47P 0752479, 1423060) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | 0.004 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Manganese | mg/L | 0.0003 | 0.0005 | 0.35 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.001 | In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E | Bangkok |
| Nickel | mg/L | 0.0003 | 0.0005 | 0.0006 | ≤0.02 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Selenium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Trivalent Chromium * | mg/L | - | 0.01 | <0.01 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-2 |
| **Sampled Date** | Dec 14, 2023 9:50 AM |
| **Sample Description** | Underground Water |
| **Location** | GW2 : บ่อน้ำใต้ดินบริเวณบ้านหัวชวด (GPS 47P 0752479, 1423060) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Zinc | mg/L | 0.003 | 0.005 | 2.16 | ≤5.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| **Microbiological Testing** | | | | | | | |
| *Escherichia coli* | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F | Bangkok |
| Fecal Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| Total Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-2 |
| **Sampled Date** | Dec 14, 2023 9:50 AM |
| **Sample Description** | Underground Water |
| **Location** | GW2 : บ่อน้ำใต้ดินบริเวณบ้านหัวชวด (GPS 47P 0752479, 1423060) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Aldrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-2 |
| **Sampled Date** | Dec 14, 2023 9:50 AM |
| **Sample Description** | Underground Water |
| **Location** | GW2 : บ่อน้ำใต้ดินบริเวณบ้านหัวชวด (GPS 47P 0752479, 1423060) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Chlordane | ug/L | 0.02 | 0.04 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.03 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-2 |
| **Sampled Date** | Dec 14, 2023 9:50 AM |
| **Sample Description** | Underground Water |
| **Location** | GW2 : บ่อน้ำใต้ดินบริเวณบ้านหัวชวด (GPS 47P 0752479, 1423060) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | ≤0.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor and Heptachlor epoxide * | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-2 |
| **Sampled Date** | Dec 14, 2023 9:50 AM |
| **Sample Description** | Underground Water |
| **Location** | GW2 : บ่อน้ำใต้ดินบริเวณบ้านหัวชวด (GPS 47P 0752479, 1423060) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| **Water Testing** | | | | | | | |
| Chloride as Cl * | mg/L | 0.5 | 1 | 5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B) | Rayong |
| Color * | Color unit | - | 5 | <5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B | Rayong |
| Fluoride * | mg/L | - | 0.2 | 0.4 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C) | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | <0.05 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |
| Non-Carbonate Hardness as CaCO3 * | mg/L | - | 1 | <1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B | Rayong |
| pH at 25 degree C * | | - | - | 7.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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Siriluk P.

Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-2 |
| **Sampled Date** | Dec 14, 2023 9:50 AM |
| **Sample Description** | Underground Water |
| **Location** | GW2 : บ่อน้ำใต้ดินบริเวณบ้านหัวชวด (GPS 47P 0752479, 1423060) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Water Testing** | | | | | | | |
| Sulfate * | mg/L | 0.6 | 2 | <2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E) | Rayong |
| Temperature * | Degree C | - | - | 28.6 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C * | mg/L | - | 5 | 276 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Hardness as CaCO3 * | mg/L | - | 1 | 109 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C | Rayong |
| Turbidity * | NTU | - | 0.1 | 150 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Rayong |

**Guideline** : Notification of the National Environmental Board, No. 20, B.E.2543

**Sampling By :** Tanasit Wongsachai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-3 |
| **Sampled Date** | Dec 14, 2023 9:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW3 : บ่อน้ำใต้ดินบริเวณบ้านโขดกลาง (GPS 47P 0755081, 1421603) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Aluminium | mg/L | 0.003 | 0.005 | 0.02 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.002 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Barium | mg/L | 0.0003 | 0.0005 | 0.10 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.003 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Copper | mg/L | 0.0003 | 0.0005 | Not Detected | ≤1.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| Iron | mg/L | 0.003 | 0.005 | 0.05 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-3 |
| **Sampled Date** | Dec 14, 2023 9:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW3 : บ่อน้ำใต้ดินบริเวณบ้านโขดกลาง (GPS 47P 0755081, 1421603) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Manganese | mg/L | 0.0003 | 0.0005 | 0.05 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.001 | In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E | Bangkok |
| Nickel | mg/L | 0.0003 | 0.0005 | 0.002 | ≤0.02 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Selenium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Trivalent Chromium * | mg/L | - | 0.01 | <0.01 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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**Approved by**

Siriluk P.

Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-3 |
| **Sampled Date** | Dec 14, 2023 9:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW3 : บ่อน้ำใต้ดินบริเวณบ้านโขดกลาง (GPS 47P 0755081, 1421603) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Zinc | mg/L | 0.003 | 0.005 | 0.010 | ≤5.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| **Microbiological Testing** | | | | | | | |
| *Escherichia coli* | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F | Bangkok |
| Fecal Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| Total Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-3 |
| **Sampled Date** | Dec 14, 2023 9:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW3 : บ่อน้ำใต้ดินบริเวณบ้านโขดกลาง (GPS 47P 0755081, 1421603) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Aldrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-3 |
| **Sampled Date** | Dec 14, 2023 9:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW3 : บ่อน้ำใต้ดินบริเวณบ้านโขดกลาง (GPS 47P 0755081, 1421603) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Chlordane | ug/L | 0.02 | 0.04 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.03 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-3 |
| **Sampled Date** | Dec 14, 2023 9:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW3 : บ่อน้ำใต้ดินบริเวณบ้านโขดกลาง (GPS 47P 0755081, 1421603) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | ≤0.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor and Heptachlor epoxide * | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-3 |
| **Sampled Date** | Dec 14, 2023 9:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW3 : บ่อน้ำใต้ดินบริเวณบ้านโขดกลาง (GPS 47P 0755081, 1421603) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| **Water Testing** | | | | | | | |
| Chloride as Cl * | mg/L | 0.5 | 1 | 21 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B) | Rayong |
| Color * | Color unit | - | 5 | <5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B | Rayong |
| Fluoride * | mg/L | - | 0.2 | <0.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C) | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | 0.77 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |
| Non-Carbonate Hardness as CaCO3 * | mg/L | - | 1 | 83 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B | Rayong |
| pH at 25 degree C * | | - | - | 5.7 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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Siriluk Puengpang
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# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-3 |
| **Sampled Date** | Dec 14, 2023 9:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW3 : บ่อน้ำใต้ดินบริเวณบ้านโขดกลาง (GPS 47P 0755081, 1421603) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Water Testing** | | | | | | | |
| Sulfate * | mg/L | 0.6 | 2 | <2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E) | Rayong |
| Temperature * | Degree C | - | - | 28.9 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C * | mg/L | - | 5 | 94 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Hardness as CaCO3 * | mg/L | - | 1 | 105 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C | Rayong |
| Turbidity * | NTU | - | 0.1 | 0.4 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Rayong |

**Guideline** : Notification of the National Environmental Board, No. 20, B.E.2543

**Sampling By :** Tanasit Wongsachai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-4 |
| **Sampled Date** | Dec 14, 2023 2:39 PM |
| **Sample Description** | Underground Water |
| **Location** | GW4 : บริเวณพื้นที่บริเวณที่สีเขียวด้านทิศตะวันตกของโครงการ (GPS 47P 0752010, 1424289) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Aluminium | mg/L | 0.003 | 0.005 | 0.41 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.04 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Barium | mg/L | 0.0003 | 0.0005 | 0.25 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.003 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Copper | mg/L | 0.0003 | 0.0005 | Not Detected | ≤1.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| Iron | mg/L | 0.003 | 0.005 | 8.81 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-4 |
| **Sampled Date** | Dec 14, 2023 2:39 PM |
| **Sample Description** | Underground Water |
| **Location** | GW4 : บริเวณพื้นที่บริเวณที่สีเขียวด้านทิศตะวันตกของโครงการ (GPS 47P 0752010, 1424289) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | 0.0007 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Manganese | mg/L | 0.0003 | 0.0005 | 1.31 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.001 | In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E | Bangkok |
| Nickel | mg/L | 0.0003 | 0.0005 | 0.004 | ≤0.02 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Selenium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Trivalent Chromium * | mg/L | - | 0.01 | <0.01 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
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| | |
|---|---|
| **Sample Number** | 23136566-4 |
| **Sampled Date** | Dec 14, 2023 2:39 PM |
| **Sample Description** | Underground Water |
| **Location** | GW4 : บริเวณพื้นที่บริเวณที่สีเขียวด้านทิศตะวันตกของโครงการ (GPS 47P 0752010, 1424289) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Zinc | mg/L | 0.003 | 0.005 | Not Detected | ≤5.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| **Microbiological Testing** | | | | | | | |
| *Escherichia coli* | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F | Bangkok |
| Fecal Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| Total Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-4 |
| **Sampled Date** | Dec 14, 2023 2:39 PM |
| **Sample Description** | Underground Water |
| **Location** | GW4 : บริเวณพื้นที่บริเวณที่สีเขียวด้านทิศตะวันตกของโครงการ (GPS 47P 0752010, 1424289) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Aldrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-4 |
| **Sampled Date** | Dec 14, 2023 2:39 PM |
| **Sample Description** | Underground Water |
| **Location** | GW4 : บริเวณพื้นที่บริเวณที่สีเขียวด้านทิศตะวันตกของโครงการ (GPS 47P 0752010, 1424289) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Chlordane | ug/L | 0.02 | 0.04 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.03 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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Siriluk Puengpang
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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-4 |
| **Sampled Date** | Dec 14, 2023 2:39 PM |
| **Sample Description** | Underground Water |
| **Location** | GW4 : บริเวณพื้นที่บริเวณที่สีเขียวด้านทิศตะวันตกของโครงการ (GPS 47P 0752010, 1424289) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | ≤0.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor and Heptachlor epoxide * | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-4 |
| **Sampled Date** | Dec 14, 2023 2:39 PM |
| **Sample Description** | Underground Water |
| **Location** | GW4 : บริเวณพื้นที่บริเวณที่สีเขียวด้านทิศตะวันตกของโครงการ (GPS 47P 0752010, 1424289) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| **Water Testing** | | | | | | | |
| Chloride as Cl * | mg/L | 0.5 | 1 | 17 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B) | Rayong |
| Color * | Color unit | - | 5 | 5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B | Rayong |
| Fluoride * | mg/L | - | 0.2 | <0.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C) | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | 0.07 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |
| Non-Carbonate Hardness as CaCO3 * | mg/L | - | 1 | 67 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B | Rayong |
| pH at 25 degree C * | | - | - | 6.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-4 |
| **Sampled Date** | Dec 14, 2023 2:39 PM |
| **Sample Description** | Underground Water |
| **Location** | GW4 : บริเวณพื้นที่บริเวณที่สีเขียวด้านทิศตะวันตกของโครงการ (GPS 47P 0752010, 1424289) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Water Testing** | | | | | | | |
| Sulfate * | mg/L | 0.6 | 2 | 22.9 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E) | Rayong |
| Temperature * | Degree C | - | - | 28.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C * | mg/L | - | 5 | 90 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Hardness as CaCO3 * | mg/L | - | 1 | 118 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C | Rayong |
| Turbidity * | NTU | - | 0.1 | 2.7 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Rayong |

**Guideline** : Notification of the National Environmental Board, No. 20, B.E.2543

**Sampling By :** Tanasit Wongsachai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-5 |
| **Sampled Date** | Dec 14, 2023 11:20 AM |
| **Sample Description** | Underground Water |
| **Location** | GW5 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกของโครงการ (GPS 47P 0753959, 1423778) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Aluminium | mg/L | 0.003 | 0.005 | 1.95 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.01 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Barium | mg/L | 0.0003 | 0.0005 | 0.12 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.003 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Copper | mg/L | 0.0003 | 0.0005 | 0.003 | ≤1.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| Iron | mg/L | 0.003 | 0.005 | 9.73 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-5 |
| **Sampled Date** | Dec 14, 2023 11:20 AM |
| **Sample Description** | Underground Water |
| **Location** | GW5 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกของโครงการ (GPS 47P 0753959, 1423778) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | 0.008 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Manganese | mg/L | 0.0003 | 0.0005 | 1.99 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.001 | In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E | Bangkok |
| Nickel | mg/L | 0.0003 | 0.0005 | 0.0010 | ≤0.02 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Selenium | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Trivalent Chromium * | mg/L | - | 0.01 | <0.01 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-5 |
| **Sampled Date** | Dec 14, 2023 11:20 AM |
| **Sample Description** | Underground Water |
| **Location** | GW5 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกของโครงการ (GPS 47P 0753959, 1423778) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Zinc | mg/L | 0.003 | 0.005 | Not Detected | ≤5.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| **Microbiological Testing** | | | | | | | |
| *Escherichia coli* | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F | Bangkok |
| Fecal Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| Total Coliform | MPN/100mL | - | - | 2.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-5 |
| **Sampled Date** | Dec 14, 2023 11:20 AM |
| **Sample Description** | Underground Water |
| **Location** | GW5 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกของโครงการ (GPS 47P 0753959, 1423778) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Aldrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-5 |
| **Sampled Date** | Dec 14, 2023 11:20 AM |
| **Sample Description** | Underground Water |
| **Location** | GW5 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกของโครงการ (GPS 47P 0753959, 1423778) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Chlordane | ug/L | 0.02 | 0.04 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.03 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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Siriluk Puengpang
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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-5 |
| **Sampled Date** | Dec 14, 2023 11:20 AM |
| **Sample Description** | Underground Water |
| **Location** | GW5 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกของโครงการ (GPS 47P 0753959, 1423778) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | ≤0.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor and Heptachlor epoxide * | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-5 |
| **Sampled Date** | Dec 14, 2023 11:20 AM |
| **Sample Description** | Underground Water |
| **Location** | GW5 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกของโครงการ (GPS 47P 0753959, 1423778) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| **Water Testing** | | | | | | | |
| Chloride as Cl * | mg/L | 0.5 | 1 | 12 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B) | Rayong |
| Color * | Color unit | - | 5 | 15 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B | Rayong |
| Fluoride * | mg/L | - | 0.2 | 0.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C) | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | 0.63 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |
| Non-Carbonate Hardness as CaCO3 * | mg/L | - | 1 | <1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B | Rayong |
| pH at 25 degree C * | | - | - | 7.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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Siriluk P.

Siriluk Puengpang
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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-5 |
| **Sampled Date** | Dec 14, 2023 11:20 AM |
| **Sample Description** | Underground Water |
| **Location** | GW5 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกของโครงการ (GPS 47P 0753959, 1423778) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Water Testing** | | | | | | | |
| Sulfate * | mg/L | 0.6 | 2 | 12.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E) | Rayong |
| Temperature * | Degree C | - | - | 32.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C * | mg/L | - | 5 | 206 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Hardness as CaCO3 * | mg/L | - | 1 | 109 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C | Rayong |
| Turbidity * | NTU | - | 0.1 | 330 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Rayong |

**Guideline** : Notification of the National Environmental Board, No. 20, B.E.2543

**Sampling By :** Tanasit Wongsachai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-6 |
| **Sampled Date** | Dec 14, 2023 10:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW6 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกเฉียงเหนือ (GPR 47P 0754848, 1424402) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Aluminium | mg/L | 0.003 | 0.005 | 1.37 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.008 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Barium | mg/L | 0.0003 | 0.0005 | 0.16 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.003 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Copper | mg/L | 0.0003 | 0.0005 | 0.001 | ≤1.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| Iron | mg/L | 0.003 | 0.005 | 5.83 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-6 |
| **Sampled Date** | Dec 14, 2023 10:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW6 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกเฉียงเหนือ (GPR 47P 0754848, 1424402) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | 0.003 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Manganese | mg/L | 0.0003 | 0.0005 | 0.49 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.001 | In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E | Bangkok |
| Nickel | mg/L | 0.0003 | 0.0005 | 0.009 | ≤0.02 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Selenium | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Trivalent Chromium * | mg/L | - | 0.01 | <0.01 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
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| | |
|---|---|
| **Sample Number** | 23136566-6 |
| **Sampled Date** | Dec 14, 2023 10:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW6 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกเฉียงเหนือ (GPR 47P 0754848, 1424402) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Zinc | mg/L | 0.003 | 0.005 | <0.005 | ≤5.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| **Microbiological Testing** | | | | | | | |
| *Escherichia coli* | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F | Bangkok |
| Fecal Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| Total Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-6 |
| **Sampled Date** | Dec 14, 2023 10:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW6 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกเฉียงเหนือ (GPR 47P 0754848, 1424402) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Aldrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-6 |
| **Sampled Date** | Dec 14, 2023 10:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW6 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกเฉียงเหนือ (GPR 47P 0754848, 1424402) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Chlordane | ug/L | 0.02 | 0.04 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.03 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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Siriluk P.

Siriluk Puengpang
Section Head

# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-6 |
| **Sampled Date** | Dec 14, 2023 10:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW6 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกเฉียงเหนือ (GPR 47P 0754848, 1424402) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | ≤0.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor and Heptachlor epoxide * | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-6 |
| **Sampled Date** | Dec 14, 2023 10:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW6 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกเฉียงเหนือ (GPR 47P 0754848, 1424402) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| **Water Testing** | | | | | | | |
| Chloride as Cl * | mg/L | 0.5 | 1 | 20 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B) | Rayong |
| Color * | Color unit | - | 5 | 10 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B | Rayong |
| Fluoride * | mg/L | - | 0.2 | 0.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C) | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | 0.07 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |
| Non-Carbonate Hardness as CaCO3 * | mg/L | - | 1 | <1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B | Rayong |
| pH at 25 degree C * | | - | - | 6.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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Siriluk Puengpang
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# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-6 |
| **Sampled Date** | Dec 14, 2023 10:30 AM |
| **Sample Description** | Underground Water |
| **Location** | GW6 : บริเวณพื้นที่สีเขียวด้านทิศตะวันออกเฉียงเหนือ (GPR 47P 0754848, 1424402) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Water Testing** | | | | | | | |
| Sulfate * | mg/L | 0.6 | 2 | 33.1 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E) | Rayong |
| Temperature * | Degree C | - | - | 28.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C * | mg/L | - | 5 | 230 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Hardness as CaCO3 * | mg/L | - | 1 | 139 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C | Rayong |
| Turbidity * | NTU | - | 0.1 | 37.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Rayong |

**Guideline** : Notification of the National Environmental Board, No. 20, B.E.2543

**Sampling By :** Tanasit Wongsachai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-7 |
| **Sampled Date** | Dec 14, 2023 1:45 PM |
| **Sample Description** | Underground Water |
| **Location** | GW7 : บริเวณพื้นที่สีเขียวด้านทิศตะวันตกเฉียงเหนือ (GPS 47P 0751420, 1424000) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Aluminium | mg/L | 0.003 | 0.005 | 0.02 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.04 | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Barium | mg/L | 0.0003 | 0.0005 | 0.16 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.003 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Copper | mg/L | 0.0003 | 0.0005 | 0.001 | ≤1.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| Iron | mg/L | 0.003 | 0.005 | 2.69 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-7 |
| **Sampled Date** | Dec 14, 2023 1:45 PM |
| **Sample Description** | Underground Water |
| **Location** | GW7 : บริเวณพื้นที่สีเขียวด้านทิศตะวันตกเฉียงเหนือ (GPS 47P 0751420, 1424000) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Manganese | mg/L | 0.0003 | 0.0005 | 3.73 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.001 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112 | Bangkok |
| Nickel | mg/L | 0.0003 | 0.0005 | 0.003 | ≤0.02 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Selenium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.01 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Trivalent Chromium * | mg/L | - | 0.01 | <0.01 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-7 |
| **Sampled Date** | Dec 14, 2023 1:45 PM |
| **Sample Description** | Underground Water |
| **Location** | GW7 : บริเวณพื้นที่สีเขียวด้านทิศตะวันตกเฉียงเหนือ (GPS 47P 0751420, 1424000) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Zinc | mg/L | 0.003 | 0.005 | Not Detected | ≤5.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| **Microbiological Testing** | | | | | | | |
| *Escherichia coli* | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, F | Bangkok |
| Fecal Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| Total Coliform | MPN/100mL | - | - | <1.8 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-7 |
| **Sampled Date** | Dec 14, 2023 1:45 PM |
| **Sample Description** | Underground Water |
| **Location** | GW7 : บริเวณพื้นที่สีเขียวด้านทิศตะวันตกเฉียงเหนือ (GPS 47P 0751420, 1424000) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Aldrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-7 |
| **Sampled Date** | Dec 14, 2023 1:45 PM |
| **Sample Description** | Underground Water |
| **Location** | GW7 : บริเวณพื้นที่สีเขียวด้านทิศตะวันตกเฉียงเหนือ (GPS 47P 0751420, 1424000) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Chlordane | ug/L | 0.02 | 0.04 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.03 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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**Approved by**

Siriluk P.

Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-7 |
| **Sampled Date** | Dec 14, 2023 1:45 PM |
| **Sample Description** | Underground Water |
| **Location** | GW7 : บริเวณพื้นที่สีเขียวด้านทิศตะวันตกเฉียงเหนือ (GPS 47P 0751420, 1424000) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endrin | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | ≤0.4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor and Heptachlor epoxide * | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |

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**Approved by**

Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-7 |
| **Sampled Date** | Dec 14, 2023 1:45 PM |
| **Sample Description** | Underground Water |
| **Location** | GW7 : บริเวณพื้นที่สีเขียวด้านทิศตะวันตกเฉียงเหนือ (GPS 47P 0751420, 1424000) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | ≤0.2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| **Water Testing** | | | | | | | |
| Chloride as Cl * | mg/L | 0.5 | 1 | 325 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (B) | Rayong |
| Color * | Color unit | - | 5 | 10 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 B | Rayong |
| Fluoride * | mg/L | - | 0.2 | 0.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-F (C) | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | 1.22 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |
| Non-Carbonate Hardness as CaCO3 * | mg/L | - | 1 | 177 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2320 B | Rayong |
| pH at 25 degree C * | | - | - | 7.2 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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**Approved by**

Siriluk P.

Siriluk Puengpang
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 23136566**
Date Received : Dec 14, 2023
Date Reported : Jan 16, 2024
Report Number : 2843670-1



| | |
|---|---|
| **Sample Number** | 23136566-7 |
| **Sampled Date** | Dec 14, 2023 1:45 PM |
| **Sample Description** | Underground Water |
| **Location** | GW7 : บริเวณพื้นที่สีเขียวด้านทิศตะวันตกเฉียงเหนือ (GPS 47P 0751420, 1424000) |
| **Date Analysis Commenced** | Dec 14, 2023 |
| **Condition of Sample** | Contained in two glass vials, two amber glass bottles and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Water Testing** | | | | | | | |
| Sulfate * | mg/L | 0.6 | 2 | 95.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-SO4 (E) | Rayong |
| Temperature * | Degree C | - | - | 28.9 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B | Rayong |
| Total Dissolved Solids Dried at 180 degree C * | mg/L | - | 5 | 1060 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Hardness as CaCO3 * | mg/L | - | 1 | 366 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C | Rayong |
| Turbidity * | NTU | - | 0.1 | 14.0 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2130 B | Rayong |

**Guideline** : Notification of the National Environmental Board, No. 20, B.E.2543

**Sampling By :** Tanasit Wongsachai

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Siriluk Puengpang
Section Head

# ภาคผนวก ฐ-6

คุณภาพดิน

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-1 |
| **Sampled Date** | Sep 14, 2023 1:55 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Chemical Testing** | | | | | | | |
| Conductivity aqueous phase 20% (w/v) | micromhos/cm | - | - | 10.9 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Cyanide | mg/kg | - | 0.2 | <0.2 | ≤22 | United States Environmental Protection Agency, EPA Method 9013 and 9010 B | Bangkok |
| **Metals Testing** | | | | | | | |
| Aluminium | mg/kg | - | 1.00 | 3477 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Arsenic | mg/kg | - | 0.50 | 2.52 | ≤6 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 8.31 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.50 | ≤67 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 1.56 | ≤2920 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤17.5 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 2912 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 7.03 | ≤400 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 99.7 | ≤1710 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤22 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-1 |
| **Sampled Date** | Sep 14, 2023 1:55 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Nickel | mg/kg | - | 1.00 | <1.00 | ≤436.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| SAR | | - | 1.00 | <1.00 | No Standard | | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤365 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Silver | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Soluble Calcium | mg/kg | - | 20.0 | 282 | No Standard | | Bangkok |
| Soluble Magnesium | mg/kg | - | 20.0 | <20.0 | No Standard | | Bangkok |
| Soluble Sodium | mg/kg | - | 20.0 | <20.0 | No Standard | | Bangkok |
| Trivalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Zinc | mg/kg | - | 1.00 | 4.14 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| **Pesticides** | | | | | | | |
| 2,4-D | mg/kg | - | 0.01 | <0.01 | ≤656.5 | United States Environmental Protection Agency, EPA Method 3570 and 8270 | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**

Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-1 |
| **Sampled Date** | Sep 14, 2023 1:55 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Aldrin | mg/kg | - | 0.1 | <0.1 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| alpha-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| beta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Chlordane | mg/kg | - | 0.2 | <0.2 | ≤16 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| DDT | mg/kg | - | 0.2 | <0.2 | ≤18 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| delta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Dieldrin | mg/kg | - | 0.2 | <0.2 | ≤0.3 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan I | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan II | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**
Sawitree N.
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-1 |
| **Sampled Date** | Sep 14, 2023 1:55 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endosulfan Sulfate | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin aldehyde | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| gamma-BHC (Lindane) | mg/kg | - | 0.2 | <0.2 | ≤5 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor | mg/kg | - | 0.2 | <0.2 | ≤1 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor and Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | ≤0.7 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Methoxychlor | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Mirex | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Toxaphene | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| **Physical Parameters** | | | | | | | |
| Field Capacity | % by weight | - | - | 14.11 | No Standard | Pressure plate extractor | Bangkok |

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-1 |
| **Sampled Date** | Sep 14, 2023 1:55 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Physical Parameters** | | | | | | | |
| Moisture | % | - | 0.1 | 2.8 | No Standard | In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G | Bangkok |
| **Soil Testing** | | | | | | | |
| Cation Exchange Capacity | cmol/kg | - | 1 | 7.2 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Permanent Wilting Point | % by weight | - | - | 2.74 | No Standard | Pressure plate extractor | Bangkok |
| pH aqueous phase 50% (w/v) | | - | - | 6.6 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

**Guideline** : Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564
Class 1: Soil usage for residential area.
**Note :** Analysis Results expressed on dry basis.

**Sampling By :** Kardbundit Kitisupavanit

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-2 |
| **Sampled Date** | Sep 14, 2023 2:50 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Chemical Testing** | | | | | | | |
| Conductivity aqueous phase 20% (w/v) | micromhos/cm | - | - | 9.6 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Cyanide | mg/kg | - | 0.2 | <0.2 | ≤22 | United States Environmental Protection Agency, EPA Method 9013 and 9010 B | Bangkok |
| **Metals Testing** | | | | | | | |
| Aluminium | mg/kg | - | 1.00 | 5589 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Arsenic | mg/kg | - | 0.50 | 3.92 | ≤6 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 18.3 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.50 | ≤67 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 3.85 | ≤2920 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤17.5 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 2725 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 10.4 | ≤400 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 80.0 | ≤1710 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤22 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-2 |
| **Sampled Date** | Sep 14, 2023 2:50 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Nickel | mg/kg | - | 1.00 | 1.75 | ≤436.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| SAR | | - | 1.00 | <1.00 | No Standard | | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤365 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Silver | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Soluble Calcium | mg/kg | - | 20.0 | 167 | No Standard | | Bangkok |
| Soluble Magnesium | mg/kg | - | 20.0 | 36.5 | No Standard | | Bangkok |
| Soluble Sodium | mg/kg | - | 20.0 | <20.0 | No Standard | | Bangkok |
| Trivalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Zinc | mg/kg | - | 1.00 | 9.50 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| **Pesticides** | | | | | | | |
| 2,4-D | mg/kg | - | 0.01 | <0.01 | ≤656.5 | United States Environmental Protection Agency, EPA Method 3570 and 8270 | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**

Sawitree N.

Sawitree Noisangiam
Manager

# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-2 |
| **Sampled Date** | Sep 14, 2023 2:50 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Aldrin | mg/kg | - | 0.1 | <0.1 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| alpha-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| beta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Chlordane | mg/kg | - | 0.2 | <0.2 | ≤16 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| DDT | mg/kg | - | 0.2 | <0.2 | ≤18 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| delta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Dieldrin | mg/kg | - | 0.2 | <0.2 | ≤0.3 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan I | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan II | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-2 |
| **Sampled Date** | Sep 14, 2023 2:50 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endosulfan Sulfate | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin aldehyde | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| gamma-BHC (Lindane) | mg/kg | - | 0.2 | <0.2 | ≤5 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor | mg/kg | - | 0.2 | <0.2 | ≤1 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor and Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | ≤0.7 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Methoxychlor | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Mirex | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Toxaphene | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| **Physical Parameters** | | | | | | | |
| Field Capacity | % by weight | - | - | 15.11 | No Standard | Pressure plate extractor | Bangkok |

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**Approved by**
Sawitree N.
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-2 |
| **Sampled Date** | Sep 14, 2023 2:50 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Physical Parameters** | | | | | | | |
| Moisture | % | - | 0.1 | 7.7 | No Standard | In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G | Bangkok |
| **Soil Testing** | | | | | | | |
| Cation Exchange Capacity | cmol/kg | - | 1 | 12.2 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Permanent Wilting Point | % by weight | - | - | 4.25 | No Standard | Pressure plate extractor | Bangkok |
| pH aqueous phase 50% (w/v) | | - | - | 6.1 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

**Guideline** : Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564
Class 1: Soil usage for residential area.
**Note :** Analysis Results expressed on dry basis.

**Sampling By :** Kardbundit Kitisupavanit

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Sawitree Noisangiam
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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-3 |
| **Sampled Date** | Sep 14, 2023 2:30 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Chemical Testing** | | | | | | | |
| Conductivity aqueous phase 20% (w/v) | micromhos/cm | - | - | 5.7 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Cyanide | mg/kg | - | 0.2 | <0.2 | ≤22 | United States Environmental Protection Agency, EPA Method 9013 and 9010 B | Bangkok |
| **Metals Testing** | | | | | | | |
| Aluminium | mg/kg | - | 1.00 | 8550 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Arsenic | mg/kg | - | 0.50 | 3.90 | ≤6 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 8.90 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.50 | ≤67 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 1.96 | ≤2920 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤17.5 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 4583 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 8.07 | ≤400 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 32.7 | ≤1710 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤22 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-3 |
| **Sampled Date** | Sep 14, 2023 2:30 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Nickel | mg/kg | - | 1.00 | 1.41 | ≤436.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| SAR | | - | 1.00 | <1.00 | No Standard | | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤365 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Silver | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Soluble Calcium | mg/kg | - | 20.0 | 180 | No Standard | | Bangkok |
| Soluble Magnesium | mg/kg | - | 20.0 | 62.0 | No Standard | | Bangkok |
| Soluble Sodium | mg/kg | - | 20.0 | 21.1 | No Standard | | Bangkok |
| Trivalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Zinc | mg/kg | - | 1.00 | 3.01 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| **Pesticides** | | | | | | | |
| 2,4-D | mg/kg | - | 0.01 | <0.01 | ≤656.5 | United States Environmental Protection Agency, EPA Method 3570 and 8270 | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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Manager

# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-3 |
| **Sampled Date** | Sep 14, 2023 2:30 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Aldrin | mg/kg | - | 0.1 | <0.1 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| alpha-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| beta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Chlordane | mg/kg | - | 0.2 | <0.2 | ≤16 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| DDT | mg/kg | - | 0.2 | <0.2 | ≤18 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| delta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Dieldrin | mg/kg | - | 0.2 | <0.2 | ≤0.3 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan I | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan II | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

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3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-3 |
| **Sampled Date** | Sep 14, 2023 2:30 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endosulfan Sulfate | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin aldehyde | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| gamma-BHC (Lindane) | mg/kg | - | 0.2 | <0.2 | ≤5 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor | mg/kg | - | 0.2 | <0.2 | ≤1 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor and Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | ≤0.7 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Methoxychlor | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Mirex | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Toxaphene | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| **Physical Parameters** | | | | | | | |
| Field Capacity | % by weight | - | - | 19.29 | No Standard | Pressure plate extractor | Bangkok |

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-3 |
| **Sampled Date** | Sep 14, 2023 2:30 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Physical Parameters** | | | | | | | |
| Moisture | % | - | 0.1 | 6.9 | No Standard | In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G | Bangkok |
| **Soil Testing** | | | | | | | |
| Cation Exchange Capacity | cmol/kg | - | 1 | 15.5 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Permanent Wilting Point | % by weight | - | - | 8.88 | No Standard | Pressure plate extractor | Bangkok |
| pH aqueous phase 50% (w/v) | | - | - | 4.4 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

**Guideline** : Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564
Class 1: Soil usage for residential area.
**Note :** Analysis Results expressed on dry basis.

**Sampling By :** Kardbundit Kitisupavanit

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-4 |
| **Sampled Date** | Sep 14, 2023 2:10 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Chemical Testing** | | | | | | | |
| Conductivity aqueous phase 20% (w/v) | micromhos/cm | - | - | 65.0 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Cyanide | mg/kg | - | 0.2 | <0.2 | ≤22 | United States Environmental Protection Agency, EPA Method 9013 and 9010 B | Bangkok |
| **Metals Testing** | | | | | | | |
| Aluminium | mg/kg | - | 1.00 | 11100 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Arsenic | mg/kg | - | 0.50 | 12.0 | ≤6 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 20.2 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.50 | ≤67 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 5.21 | ≤2920 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤17.5 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 16866 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 13.4 | ≤400 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 90.6 | ≤1710 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤22 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |

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**Approved by**

Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-4 |
| **Sampled Date** | Sep 14, 2023 2:10 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Nickel | mg/kg | - | 1.00 | 3.01 | ≤436.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| SAR | | - | 1.00 | <1.00 | No Standard | | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤365 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Silver | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Soluble Calcium | mg/kg | - | 20.0 | 1145 | No Standard | | Bangkok |
| Soluble Magnesium | mg/kg | - | 20.0 | 87.8 | No Standard | | Bangkok |
| Soluble Sodium | mg/kg | - | 20.0 | 32.8 | No Standard | | Bangkok |
| Trivalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Zinc | mg/kg | - | 1.00 | 17.0 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| **Pesticides** | | | | | | | |
| 2,4-D | mg/kg | - | 0.01 | <0.01 | ≤656.5 | United States Environmental Protection Agency, EPA Method 3570 and 8270 | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**

Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-4 |
| **Sampled Date** | Sep 14, 2023 2:10 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Aldrin | mg/kg | - | 0.1 | <0.1 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| alpha-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| beta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Chlordane | mg/kg | - | 0.2 | <0.2 | ≤16 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| DDT | mg/kg | - | 0.2 | <0.2 | ≤18 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| delta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Dieldrin | mg/kg | - | 0.2 | <0.2 | ≤0.3 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan I | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan II | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-4 |
| **Sampled Date** | Sep 14, 2023 2:10 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endosulfan Sulfate | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin aldehyde | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| gamma-BHC (Lindane) | mg/kg | - | 0.2 | <0.2 | ≤5 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor | mg/kg | - | 0.2 | <0.2 | ≤1 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor and Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | ≤0.7 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Methoxychlor | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Mirex | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Toxaphene | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| **Physical Parameters** | | | | | | | |
| Field Capacity | % by weight | - | - | 21.04 | No Standard | Pressure plate extractor | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-4 |
| **Sampled Date** | Sep 14, 2023 2:10 PM |
| **Sample Description** | Soil ความลึก 5 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Physical Parameters** | | | | | | | |
| Moisture | % | - | 0.1 | 9.4 | No Standard | In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G | Bangkok |
| **Soil Testing** | | | | | | | |
| Cation Exchange Capacity | cmol/kg | - | 1 | 34.7 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Permanent Wilting Point | % by weight | - | - | 10.5 | No Standard | Pressure plate extractor | Bangkok |
| pH aqueous phase 50% (w/v) | | - | - | 7.5 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

**Guideline** : Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564
Class 1: Soil usage for residential area.
**Note :** Analysis Results expressed on dry basis.

**Sampling By :** Kardbundit Kitisupavanit

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-5 |
| **Sampled Date** | Sep 14, 2023 2:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Chemical Testing** | | | | | | | |
| Conductivity aqueous phase 20% (w/v) | micromhos/cm | - | - | 7.6 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Cyanide | mg/kg | - | 0.2 | <0.2 | ≤22 | United States Environmental Protection Agency, EPA Method 9013 and 9010 B | Bangkok |
| **Metals Testing** | | | | | | | |
| Aluminium | mg/kg | - | 1.00 | 3111 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Arsenic | mg/kg | - | 0.50 | 2.36 | ≤6 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 7.01 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.50 | ≤67 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 1.31 | ≤2920 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤17.5 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 2590 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 7.47 | ≤400 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 130 | ≤1710 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤22 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-5 |
| **Sampled Date** | Sep 14, 2023 2:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Nickel | mg/kg | - | 1.00 | <1.00 | ≤436.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| SAR | | - | 1.00 | <1.00 | No Standard | | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤365 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Silver | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Soluble Calcium | mg/kg | - | 20.0 | 243 | No Standard | | Bangkok |
| Soluble Magnesium | mg/kg | - | 20.0 | <20.0 | No Standard | | Bangkok |
| Soluble Sodium | mg/kg | - | 20.0 | <20.0 | No Standard | | Bangkok |
| Trivalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Zinc | mg/kg | - | 1.00 | 3.73 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| **Pesticides** | | | | | | | |
| 2,4-D | mg/kg | - | 0.01 | <0.01 | ≤656.5 | United States Environmental Protection Agency, EPA Method 3570 and 8270 | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-5 |
| **Sampled Date** | Sep 14, 2023 2:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Aldrin | mg/kg | - | 0.1 | <0.1 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| alpha-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| beta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Chlordane | mg/kg | - | 0.2 | <0.2 | ≤16 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| DDT | mg/kg | - | 0.2 | <0.2 | ≤18 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| delta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Dieldrin | mg/kg | - | 0.2 | <0.2 | ≤0.3 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan I | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan II | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-5 |
| **Sampled Date** | Sep 14, 2023 2:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endosulfan Sulfate | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin aldehyde | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| gamma-BHC (Lindane) | mg/kg | - | 0.2 | <0.2 | ≤5 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor | mg/kg | - | 0.2 | <0.2 | ≤1 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor and Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | ≤0.7 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Methoxychlor | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Mirex | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Toxaphene | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| **Physical Parameters** | | | | | | | |
| Field Capacity | % by weight | - | - | 14.93 | No Standard | Pressure plate extractor | Bangkok |

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-5 |
| **Sampled Date** | Sep 14, 2023 2:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S1 : พื้นที่สีเขียวของโครงการด้านทิศตะวันออก (GPS 47P 0754704, 1424548) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Physical Parameters** | | | | | | | |
| Moisture | % | - | 0.1 | 2.5 | No Standard | In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G | Bangkok |
| **Soil Testing** | | | | | | | |
| Cation Exchange Capacity | cmol/kg | - | 1 | 7.5 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Permanent Wilting Point | % by weight | - | - | 2.35 | No Standard | Pressure plate extractor | Bangkok |
| pH aqueous phase 50% (w/v) | | - | - | 6.5 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

**Guideline** : Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564
Class 1: Soil usage for residential area.
**Note :** Analysis Results expressed on dry basis.

**Sampling By :** Kardbundit Kitisupavanit

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-6 |
| **Sampled Date** | Sep 14, 2023 3:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Chemical Testing** | | | | | | | |
| Conductivity aqueous phase 20% (w/v) | micromhos/cm | - | - | 4.3 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Cyanide | mg/kg | - | 0.2 | <0.2 | ≤22 | United States Environmental Protection Agency, EPA Method 9013 and 9010 B | Bangkok |
| **Metals Testing** | | | | | | | |
| Aluminium | mg/kg | - | 1.00 | 7837 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Arsenic | mg/kg | - | 0.50 | 6.03 | ≤6 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 24.1 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.50 | ≤67 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 2.39 | ≤2920 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤17.5 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 3107 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 12.3 | ≤400 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 85.8 | ≤1710 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤22 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |

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**Approved by**

Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-6 |
| **Sampled Date** | Sep 14, 2023 3:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Nickel | mg/kg | - | 1.00 | 3.44 | ≤436.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| SAR | | - | 1.00 | <1.00 | No Standard | | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤365 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Silver | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Soluble Calcium | mg/kg | - | 20.0 | 218 | No Standard | | Bangkok |
| Soluble Magnesium | mg/kg | - | 20.0 | 37.5 | No Standard | | Bangkok |
| Soluble Sodium | mg/kg | - | 20.0 | <20.0 | No Standard | | Bangkok |
| Trivalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Zinc | mg/kg | - | 1.00 | 5.28 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| **Pesticides** | | | | | | | |
| 2,4-D | mg/kg | - | 0.01 | <0.01 | ≤656.5 | United States Environmental Protection Agency, EPA Method 3570 and 8270 | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**
Sawitree N.
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-6 |
| **Sampled Date** | Sep 14, 2023 3:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Aldrin | mg/kg | - | 0.1 | <0.1 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| alpha-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| beta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Chlordane | mg/kg | - | 0.2 | <0.2 | ≤16 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| DDT | mg/kg | - | 0.2 | <0.2 | ≤18 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| delta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Dieldrin | mg/kg | - | 0.2 | <0.2 | ≤0.3 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan I | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan II | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-6 |
| **Sampled Date** | Sep 14, 2023 3:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endosulfan Sulfate | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin aldehyde | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| gamma-BHC (Lindane) | mg/kg | - | 0.2 | <0.2 | ≤5 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor | mg/kg | - | 0.2 | <0.2 | ≤1 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor and Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | ≤0.7 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Methoxychlor | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Mirex | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Toxaphene | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| **Physical Parameters** | | | | | | | |
| Field Capacity | % by weight | - | - | 16.30 | No Standard | Pressure plate extractor | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-6 |
| **Sampled Date** | Sep 14, 2023 3:00 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S2 : พื้นที่สีเขียวของโครงการด้านทิศตะวันตก (GPS 47P 0751464, 1423966) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Physical Parameters** | | | | | | | |
| Moisture | % | - | 0.1 | 7.1 | No Standard | In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G | Bangkok |
| **Soil Testing** | | | | | | | |
| Cation Exchange Capacity | cmol/kg | - | 1 | 8.2 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Permanent Wilting Point | % by weight | - | - | 6.62 | No Standard | Pressure plate extractor | Bangkok |
| pH aqueous phase 50% (w/v) | | - | - | 6.0 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

**Guideline** : Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564
Class 1: Soil usage for residential area.
**Note :** Analysis Results expressed on dry basis.

**Sampling By :** Kardbundit Kitisupavanit

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-7 |
| **Sampled Date** | Sep 14, 2023 2:40 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Chemical Testing** | | | | | | | |
| Conductivity aqueous phase 20% (w/v) | micromhos/cm | - | - | 6.8 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Cyanide | mg/kg | - | 0.2 | <0.2 | ≤22 | United States Environmental Protection Agency, EPA Method 9013 and 9010 B | Bangkok |
| **Metals Testing** | | | | | | | |
| Aluminium | mg/kg | - | 1.00 | 10934 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Arsenic | mg/kg | - | 0.50 | 5.64 | ≤6 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 56.3 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.50 | ≤67 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 2.85 | ≤2920 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤17.5 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 6980 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 17.1 | ≤400 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 317 | ≤1710 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤22 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |

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**Approved by**

Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-7 |
| **Sampled Date** | Sep 14, 2023 2:40 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Nickel | mg/kg | - | 1.00 | 1.83 | ≤436.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| SAR | | - | 1.00 | <1.00 | No Standard | | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤365 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Silver | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Soluble Calcium | mg/kg | - | 20.0 | <20.0 | No Standard | | Bangkok |
| Soluble Magnesium | mg/kg | - | 20.0 | <20.0 | No Standard | | Bangkok |
| Soluble Sodium | mg/kg | - | 20.0 | <20.0 | No Standard | | Bangkok |
| Trivalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Zinc | mg/kg | - | 1.00 | 3.16 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| **Pesticides** | | | | | | | |
| 2,4-D | mg/kg | - | 0.01 | <0.01 | ≤656.5 | United States Environmental Protection Agency, EPA Method 3570 and 8270 | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**
Sawitree N.
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-7 |
| **Sampled Date** | Sep 14, 2023 2:40 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Aldrin | mg/kg | - | 0.1 | <0.1 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| alpha-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| beta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Chlordane | mg/kg | - | 0.2 | <0.2 | ≤16 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| DDT | mg/kg | - | 0.2 | <0.2 | ≤18 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| delta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Dieldrin | mg/kg | - | 0.2 | <0.2 | ≤0.3 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan I | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan II | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-7 |
| **Sampled Date** | Sep 14, 2023 2:40 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endosulfan Sulfate | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin aldehyde | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| gamma-BHC (Lindane) | mg/kg | - | 0.2 | <0.2 | ≤5 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor | mg/kg | - | 0.2 | <0.2 | ≤1 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor and Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | ≤0.7 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Methoxychlor | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Mirex | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Toxaphene | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| **Physical Parameters** | | | | | | | |
| Field Capacity | % by weight | - | - | 21.10 | No Standard | Pressure plate extractor | Bangkok |

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**Approved by**
Sawitree N.
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-7 |
| **Sampled Date** | Sep 14, 2023 2:40 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S3 : พื้นที่สีเขียวของโครงการด้านเหนือ (GPS 47P 0753663, 1425723) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Physical Parameters** | | | | | | | |
| Moisture | % | - | 0.1 | 7.0 | No Standard | In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G | Bangkok |
| **Soil Testing** | | | | | | | |
| Cation Exchange Capacity | cmol/kg | - | 1 | 12.1 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Permanent Wilting Point | % by weight | - | - | 10.78 | No Standard | Pressure plate extractor | Bangkok |
| pH aqueous phase 50% (w/v) | | - | - | 4.7 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

**Guideline** : Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564
Class 1: Soil usage for residential area.
**Note :** Analysis Results expressed on dry basis.

**Sampling By :** Kardbundit Kitisupavanit

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-8 |
| **Sampled Date** | Sep 14, 2023 2:20 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Chemical Testing** | | | | | | | |
| Conductivity aqueous phase 20% (w/v) | micromhos/cm | - | - | 51.8 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Cyanide | mg/kg | - | 0.2 | <0.2 | ≤22 | United States Environmental Protection Agency, EPA Method 9013 and 9010 B | Bangkok |
| **Metals Testing** | | | | | | | |
| Aluminium | mg/kg | - | 1.00 | 13928 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Arsenic | mg/kg | - | 0.50 | 22.0 | ≤6 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 24.2 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.50 | ≤67 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 6.24 | ≤2920 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤17.5 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 26210 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 17.9 | ≤400 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 114 | ≤1710 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤22 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-8 |
| **Sampled Date** | Sep 14, 2023 2:20 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Metals Testing** | | | | | | | |
| Nickel | mg/kg | - | 1.00 | 2.78 | ≤436.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| SAR | | - | 1.00 | <1.00 | No Standard | | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤365 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Silver | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Soluble Calcium | mg/kg | - | 20.0 | 614 | No Standard | | Bangkok |
| Soluble Magnesium | mg/kg | - | 20.0 | 47.6 | No Standard | | Bangkok |
| Soluble Sodium | mg/kg | - | 20.0 | 39.6 | No Standard | | Bangkok |
| Trivalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Zinc | mg/kg | - | 1.00 | 13.6 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| **Pesticides** | | | | | | | |
| 2,4-D | mg/kg | - | 0.01 | <0.01 | ≤656.5 | United States Environmental Protection Agency, EPA Method 3570 and 8270 | Bangkok |
| **Pesticides - Organochlorine Group** | | | | | | | |
| 2,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 2,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-8 |
| **Sampled Date** | Sep 14, 2023 2:20 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| 4,4-DDD | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDE | mg/kg | - | 0.001 | <0.001 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| 4,4-DDT | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Aldrin | mg/kg | - | 0.1 | <0.1 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| alpha-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| beta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Chlordane | mg/kg | - | 0.2 | <0.2 | ≤16 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| DDT | mg/kg | - | 0.2 | <0.2 | ≤18 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| delta-BHC | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Dieldrin | mg/kg | - | 0.2 | <0.2 | ≤0.3 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan I | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endosulfan II | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |

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**Approved by**
Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-8 |
| **Sampled Date** | Sep 14, 2023 2:20 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Pesticides - Organochlorine Group** | | | | | | | |
| Endosulfan Sulfate | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Endrin aldehyde | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| gamma-BHC (Lindane) | mg/kg | - | 0.2 | <0.2 | ≤5 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor | mg/kg | - | 0.2 | <0.2 | ≤1 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor and Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Heptachlor epoxide | mg/kg | - | 0.2 | <0.2 | ≤0.7 | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Methoxychlor | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Mirex | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| Toxaphene | mg/kg | - | 0.2 | <0.2 | No Standard | United States Environmental Protection Agency, EPA Method 3570 and 8018 A | Bangkok |
| **Physical Parameters** | | | | | | | |
| Field Capacity | % by weight | - | - | 24.71 | No Standard | Pressure plate extractor | Bangkok |

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Sawitree Noisangiam
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location**:

**Lot ID: 2397522**
Date Received : Sep 14, 2023
Date Reported : Nov 08, 2023
Report Number : 2751211-1



| | |
|---|---|
| **Sample Number** | 2397522-8 |
| **Sampled Date** | Sep 14, 2023 2:20 PM |
| **Sample Description** | Soil ความลึก 30 cm |
| **Location** | S4 : พื้นที่สีเขียวของโครงการด้านใต้ (GPS 47P 0753629, 1423802) |
| **Date Analysis Commenced** | Sep 15, 2023 |
| **Condition of Sample** | Packed in one plastic bag and one glass bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|---|---|---|---|---|---|---|---|
| **Physical Parameters** | | | | | | | |
| Moisture | % | - | 0.1 | 8.0 | No Standard | In-house method based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 G | Bangkok |
| **Soil Testing** | | | | | | | |
| Cation Exchange Capacity | cmol/kg | - | 1 | 13.9 | No Standard | Soil Chemical Methods - Australasia (2011) | Bangkok |
| Permanent Wilting Point | % by weight | - | - | 15.0 | No Standard | Pressure plate extractor | Bangkok |
| pH aqueous phase 50% (w/v) | | - | - | 7.7 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

**Guideline** : Notification of National Environmental Board B.E. 2564 (2021), published in the Royal Government Gazette No. 138 Special Part 54 D dated March 11, B.E.2564
Class 1: Soil usage for residential area.
**Note :** Analysis Results expressed on dry basis.

**Sampling By :** Kardbundit Kitisupavanit

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. No part of this report may be reproduced in any form without written consent from the laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**
Sawitree Noisangiam
Manager

# ภาคผนวก ฐ-7

ทรัพยากรชีวภาพ

**สถานีวิจัยประมงศรีราชา**

**101/12 หมู่ 9 ต. บางพระ**

**อ. ศรีราชา จ. ชลบุรี 20110**

**โทร./โทรสาร. (038) 311379**

**Client : Rojana Industrial Park Public Co., Ltd.**

**Address : 3/7 Moo 2 Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong ,Thailand ,21120**

**Project Location : Rayong Bankhai**

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## รายงานผลการวิเคราะห์แพลงก์ตอนพืช

**ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | **2397535-1** | **2397535-2** | **2397535-3** | **2397535-4** |
| **Division Cyanophyta** | | | | |
| **Class Cyanophyceae** | | | | |
| **Order Chroococcales** | | | | |
| **Family Chroococcaceae** | | | | |
| 1. *Micractinium aeruginosa* | 28,000 | - | 1,410,000 | 198,000 |
| **Order Nostocales** | | | | |
| **Family Oscillatoriaceae** | | | | |
| 2. *Oscillatoria brevis* | - | - | 28,000 | - |
| 3. *Oscillatoria limnetica* | - | - | 13,536,000 | 1,359,000 |
| 4. *Oscillatoria princeps* | 43,000 | - | - | - |
| 5. *Oscillatoria* sp. | 57,000 | 56,000 | - | - |
| 6. *Spirulina platensis* | - | 14,000 | - | - |
| 7. *Spirulina* sp. | - | - | 2,115,000 | - |

**<u>ตาราง</u> ผลการวิเคราะห์แพลงก์ตอนพืช** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | **2397535-1** | **2397535-2** | **2397535-3** | **2397535-4** |
| **Family Nostocaceae** | | | | |
| 8. *Anabaena azollae* | - | - | - | 296,000 |
| 9. *Cylindrospermum* sp. | - | - | 28,000 | - |
| 10. *Raphidiopsis* sp. | 156,000 | 212,000 | 169,000 | 642,000 |
| **Family Rivulariaceae** | | | | |
| 11. *Calothrix* sp. | - | - | 28,000 | - |
| **Division Chlorophyta** | | | | |
| **Class Chlorophyceae** | | | | |
| **Order Volvocales** | | | | |
| **Family Volvocaceae** | | | | |
| 12. *Eudorina elegans* | 256,000 | 395,000 | - | - |
| 13. *Pandorina morum* | - | - | - | 12,000 |
| 14. *Platydorina caudata* | 71,000 | 197,000 | - | - |
| 15. *Volvox tertius* | 241,000 | 155,000 | - | - |
| **Order Chlorococcales** | | | | |
| **Family Hydrodictyaceae** | | | | |
| 16. *Pediastrum simplex* | - | - | - | 25,000 |
| 17. *Pediastrum* sp. | 128,000 | 14,000 | - | - |
| 18. *Pediastrum tetras* | - | - | - | 12,000 |
| **Family Coelastraceae** | | | | |
| 19. *Coelastrum microporum* | 14,000 | - | - | 346,000 |
| **Family Oocystaceae** | | | | |
| 20. *Ankistrodesmus falcatus* | 28,000 | 56,000 | 14,000 | - |
| 21. *Chlorella vulgaris* | - | 42,000 | - | - |
| 22. *Dictyosphaerium pulchellum* | 156,000 | 14,000 | - | 25,000 |
| 23. *Oocystis parva* | 85,000 | 56,000 | - | - |
| 24. *Schroederia setigera* | 14,000 | - | - | - |

**<u>ตาราง</u> ผลการวิเคราะห์แพลงก์ตอนพืช** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | **2397535-1** | **2397535-2** | **2397535-3** | **2397535-4** |
| 25. *Tetraedron gracile* | 99,000 | - | - | 37,000 |
| 26. *Tetraedron* sp. | 28,000 | - | - | - |
| 27. *Tetraedron trigonum* | 156,000 | 141,000 | - | 86,000 |
| **Family Scenedesmaceae** | | | | |
| 28. *Actinastrum hantzschii* | - | - | 183,000 | 37,000 |
| 29. *Crucigenia apiculata* | 28,000 | - | - | 12,000 |
| 30. *Micractinium bornhemiense* | - | - | - | 62,000 |
| 31. *Micractinium pusillum* | 170,000 | - | - | 198,000 |
| 32. *Micractinium quadrisetum* | - | - | - | 37,000 |
| 33. *Scenedesmus armatus* | - | - | 42,000 | - |
| 34. *Scenedesmus dimorphus* | - | - | 226,000 | - |
| 35. *Scenedesmus opoliensis* | - | - | 14,000 | - |
| 36. *Scenedesmus* sp. | - | - | 14,000 | 74,000 |
| **Order Ulotrichales** | | | | |
| **Family Ulotrichaceae** | | | | |
| 37. *Ulothrix* sp. | - | 14,000 | 14,000 | - |
| **Order Zygematales** | | | | |
| **Family Zygnemataceae** | | | | |
| 38. *Spirogyra* sp. | - | 99,000 | - | - |
| 39. *Spirogyra weberi* | - | 353,000 | - | - |
| **Family Desmidiaceae** | | | | |
| 40. *Closterium acerosum* | - | 127,000 | 99,000 | - |
| 41. *Closterium calosporum* | - | 282,000 | 141,000 | - |
| 42. *Closterium ehrenbergii* | - | 212,000 | 42,000 | - |
| 43. *Closterium lineatum* | - | - | - | 12,000 |
| 44. *Closterium porrectum* | - | 28,000 | - | - |
| 45. *Cosmarium* sp. | 14,000 | 14,000 | - | - |

**<u>ตาราง</u> ผลการวิเคราะห์แพลงก์ตอนพืช** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | **2397535-1** | **2397535-2** | **2397535-3** | **2397535-4** |
| 46. *Euastrum turgidum* | 14,000 | - | - | - |
| 47. *Sphaerozosma granulatum* | 57,000 | - | 14,000 | 62,000 |
| **Class Euglenophyceae** | | | | |
| **Order Euglenales** | | | | |
| **Family Euglenaceae** | | | | |
| 48. *Euglena acus* | 341,000 | 14,000 | - | - |
| 49. *Euglena oxyuris* | 71,000 | - | - | - |
| 50. *Euglena viridis* | 99,000 | 28,000 | 56,000 | - |
| 51. *Lepocinclis ovum* | 199,000 | - | - | - |
| 52. *Phacus angulatus* | 57,000 | 42,000 | 71,000 | 49,000 |
| 53. *Phacus hamatus* | 43,000 | 56,000 | - | - |
| 54. *Phacus helikoides* | - | - | 14,000 | 25,000 |
| 55. *Phacus longicauda* | 14,000 | - | - | - |
| 56. *Phacus ranula* | 28,000 | - | - | 25,000 |
| 57. *Phacus* sp. | 114,000 | - | - | - |
| 58. *Phacus torta* | 71,000 | - | - | 12,000 |
| 59. *Trachelomonas crebea* | 57,000 | - | - | - |
| 60. *Trachelomonas daugerdiana* | 114,000 | 56,000 | - | - |
| 61. *Trachelomonas hispida* | 4,260,000 | 2,186,000 | 395,000 | 49,000 |
| 62. *Trachelomonas lacustris* | - | 14,000 | - | - |
| 63. *Trachelomonas superba* | - | 85,000 | - | - |
| 64. *Trachelomonas volzii* | 14,000 | 28,000 | - | 12,000 |

**ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | **2397535-1** | **2397535-2** | **2397535-3** | **2397535-4** |
| **Division Chromophyta** | | | | |
| **Class Bacillariophyceae** | | | | |
| **Order Biddulphiales** | | | | |
| **Suborder Coscinodiscineae** | | | | |
| **Family Thalassiosiraceae** | | | | |
| 65. *Cyclotella stelligera* | - | - | - | 25,000 |
| **Family Aulacoseiraceae** | | | | |
| 66. *Aulacoseira granulata* | 57,000 | - | - | 3,335,000 |
| **Order Bacillariales** | | | | |
| **Suborder Fragilariineae** | | | | |
| **Family Fragilariaceae** | | | | |
| 67. *Fragilaria capucina* | - | - | 113,000 | - |
| 68. *Synedra acus* | 14,000 | - | - | - |
| 69. *Surirella elegans* | - | - | - | - |
| 70. *Synedra rumpens* | - | - | 56,000 | - |
| 71. *Synedra ulna* | 14,000 | 367,000 | 183,000 | 62,000 |
| **Suborder Bacillariineae** | | | | |
| **Family Eunotiaceae** | | | | |
| 72. *Eunotia lineolata* | 57,000 | 28,000 | - | - |
| 73. *Eunotia pectinalis* | - | 85,000 | - | 49,000 |
| **Family Cymbellaceae** | | | | |
| 74. *Gomphonema parvulum* | - | 42,000 | - | - |
| **Family Naviculaceae** | | | | |
| 75. *Gyrosigma attenuatum* | - | 71,000 | - | - |
| 76. *Navicula* sp. | - | 71,000 | 14,000 | - |
| 77. *Pinnularia gibba* | 14,000 | 42,000 | - | - |

**<u>ตาราง</u> ผลการวิเคราะห์แพลงก์ตอนพืช** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | **2397535-1** | **2397535-2** | **2397535-3** | **2397535-4** |
| **Family Bacillariaceae** | | | | |
| 78. *Nitzschia lorenziana* | - | 71,000 | - | - |
| 79. *Nitzschia* sp. | 142,000 | 42,000 | - | - |
| **Family Surirellaceae** | | | | |
| 80. *Surirella elegans* | 14,000 | - | - | 49,000 |
| 81. *Surirella linearis* | - | 42,000 | - | 12,000 |
| 82. *Surirella robusta* | 43,000 | - | - | - |
| **Class Crysophyceae** | | | | |
| **Order Ochromonasales** | | | | |
| **Family Dinobryaceae** | | | | |
| 83. *Dinobryon sertularia* | 1,420,000 | 141,000 | - | - |
| **Order Synurales** | | | | |
| **Family Mallomonadaceae** | | | | |
| 84. *Mallomonas acaroides* | 5,254,000 | 6,063,000 | 169,000 | 99,000 |
| 85. *Mallomonas litomesa* | 1,846,000 | 169,000 | 71,000 | 74,000 |
| **Class Dinophyceae** | | | | |
| **Order Gonyaulacalea** | | | | |
| **Family Ceratiaceae** | | | | |
| 86. *Ceratium hirundinella* | - | - | - | 25,000 |
| **Order Peridiniales** | | | | |
| **Family Peridiniaceae** | | | | |
| 87. *Peridinium bipes* | 2,272,000 | 2,115,000 | 127,000 | 12,000 |
| 88. *Peridinium gatunenes* | 128,000 | 99,000 | 28,000 | 86,000 |
| 89. *Peridinium* sp. | 284,000 | 56,000 | - | 25,000 |

**ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | 2397535-1 | 2397535-2 | 2397535-3 | 2397535-4 |
| ชนิดแพลงก์ตอนพืช | 49 | 45 | 30 | 37 |
| ปริมาณแพลงก์ตอนพืช | 18,884,000 | 14,494,000 | 19,414,000 | 7,557,000 |
| ดัชนีความหลากหลายแพลงก์ตอนพืช | 2.3842 | 2.2354 | 1.2862 | 2.1284 |
| ดัชนีความสม่ำเสมอแพลงก์ตอนพืช | 0.6126 | 0.5872 | 0.3782 | 0.5894 |

**Sample Location :**

1. สถานี 2397535-1 : BIO1 : คลองปลากั้งช่วงก่อนไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร (GPS 47P 0754335, 145172)
2. สถานี 2397535-2 : BIO2 : คลองปลากั้งบริเวณจุดระบายน้ำทิ้งของโครงการ (GPS 47P 0753479, 1424676)
3. สถานี 2397535-3 : BIO3 : คลองปลากั้งช่วงไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร (GPS 47P 0752945, 1424556)
4. สถานี 2397535-4 : BIO4 : คลองปลากั้งช่วงไหลบรรจบกับคลองใหญ่ (GPS 47P 0750107, 1423853)

**Condition of Sample :** contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

.....

(นางสาวกนกวรรณ ขาวด่อน)
ผู้วิเคราะห์

.....

(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา

**สถานีวิจัยประมงศรีราชา**

**101/12 หมู่ 9 ต. บางพระ**

**อ. ศรีราชา จ. ชลบุรี 20110**

**โทร./โทรสาร. (038) 311379**

**Client : Rojana Industrial Park Public Co., Ltd.**

**Address : 3/7 Moo 2 Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai , Rayong , Thailand , 21120**

**Project Name : Rayong Bankhai**

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## รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

**ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

| ชนิดแพลงก์ตอนสัตว์ | ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | **2397535-1** | **2397535-2** | **2397535-3** | **2397535-4** |
| **Phylum Protozoa** | | | | |
| **Subphylum Plasmodroma** | | | | |
| **Class Sarcodina** | | | | |
| **Subclass Rhizopoda** | | | | |
| **Order Testacida** | | | | |
| **Family Arcellidae** | | | | |
| 1. *Arcella vulgaris* | - | - | 14,000 | - |
| **Family Difflugiidae** | | | | |
| 2. *Centropyxis aculeata* | - | - | 14,000 | - |
| 3. *Difflugia lobostoma* | 43,000 | - | - | - |
| 4. *Difflugia* sp. | - | 14,000 | - | - |
| **Family Euglyphidae** | | | | |
| 5. *Euglypha acanthophora* | - | 14,000 | - | 12,000 |
| 6. *Euglypha rotunda* | - | - | 14,000 | - |

**<u>ตาราง</u> ผลการวิเคราะห์แพลงก์ตอนสัตว์** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

(ต่อ)

| ชนิดแพลงก์ตอนสัตว์ | ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | **2397535-1** | **2397535-2** | **2397535-3** | **2397535-4** |
| **Subphylum Ciliophora** | | | | |
| **Class Ciliata** | | | | |
| **Subclass Holotricha** | | | | |
| **Order Gymnostomatida** | | | | |
| 7. *Coleps* sp. | - | - | 14,000 | 12,000 |
| 8. *Didinium* sp. | - | - | - | 12,000 |
| **Subclass Peritricha** | | | | |
| **Order Peritrichida** | | | | |
| 9. *Pyxicola* sp. | - | - | 14,000 | 12,000 |
| **Phylum Rotifera** | | | | |
| **Class Monogononta** | | | | |
| **Order Ploima** | | | | |
| **Family Brachionidae** | | | | |
| 10. *Anuraeopsis coelata* | 14,000 | - | 14,000 | - |
| 11. *Brachionus caudatus* | - | - | 28,000 | - |
| 12. *Brachionus plicatilis* | - | - | 14,000 | - |
| 13. *Colurella obtusa* | - | - | 14,000 | - |
| 14. *Keratella cochlearis* | 43,000 | 28,000 | - | - |
| 15. *Keratella vulga* | 14,000 | 28,000 | - | - |
| 16. *Lepadella acuminata* | - | - | 14,000 | - |
| **Family Lecanidae** | | | | |
| 17. *Lecane bulla* | - | - | 14,000 | - |
| **Family Tricocercidae** | | | | |
| 18. *Trichocerca capucina* | - | 42,000 | - | - |
| 19. *Trichocerca pusilla* | - | 56,000 | - | - |
| 20. *Trichocerca similis* | 14,000 | - | 14,000 | - |
| 21. *Trichocerca* sp. | 28,000 | - | - | - |

**ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

(ต่อ)

| ชนิดแพลงก์ตอนสัตว์ | ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร) | | | |
|---|---|---|---|---|
| | **2397535-1** | **2397535-2** | **2397535-3** | **2397535-4** |
| 22. *Trichocerca weberi* | - | - | - | 25,000 |
| **Family Asplanchnidae** | | | | |
| 23. *Asplanchna priodonta* | 14,000 | 56,000 | 28,000 | 25,000 |
| **Family Synchaetidae** | | | | |
| 24. *Polyarthra dolichoptera* | - | - | 42,000 | - |
| 25. *Polyarthra vulgaris* | 28,000 | 14,000 | 42,000 | - |
| **Order Floscullariacea** | | | | |
| **Family Hexarthridae** | | | | |
| 26. *Hexarthra mira* | - | 28,000 | - | - |
| **Class Digononta** | | | | |
| **Family Philodinidae** | | | | |
| 27. *Philodina* sp. | - | - | 14,000 | - |
| **Phylum Arthropoda** | | | | |
| **Class Crustacea** | | | | |
| **Subclass Branchiopoda** | | | | |
| **Order Diplostraca** | | | | |
| **Suborder Cladocera** | | | | |
| **Family Bosminidae** | | | | |
| 28. *Bosmina* sp. | 14,000 | - | - | - |
| **Subclass Copepoda** | | | | |
| 29. Copepod nauplius | 28,000 | 56,000 | 14,000 | - |
| **ชนิดแพลงก์ตอนสัตว์** | **10** | **10** | **17** | **6** |
| **ปริมาณแพลงก์ตอนสัตว์** | **240,000** | **336,000** | **322,000** | **98,000** |
| **ดัชนีความหลากหลายแพลงก์ตอนสัตว์** | **2.1969** | **2.1743** | **2.7284** | **1.7256** |
| **ดัชนีความสม่ำเสมอแพลงก์ตอนสัตว์** | **0.9541** | **0.9443** | **0.9630** | **0.9631** |

**Sample Location :** 1. สถานี 2397535-1 : BIO1 : คลองปลากั้งช่วงก่อนไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร (GPS 47P 0754335, 145172)

2. สถานี 2397535-2 : BIO2 : คลองปลากั้งบริเวณจุดระบายน้ำทิ้งของโครงการ (GPS 47P 0753479, 1424676)

3. สถานี 2397535-3 : BIO3 : คลองปลากั้งช่วงไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร (GPS 47P 0752945, 1424556)

4. สถานี 2397535-4 : BIO4 : คลองปลากั้งช่วงไหลบรรจบกับคลองใหญ่ (GPS 47P 0750107, 1423853)

**Condition of Sample :** contained in one plastic bottle, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

| | |
|---|---|
| (นางสาวกนกวรรณ ขาวด่อน) | (นายอลงกต อินทรชาติ) |
| ผู้วิเคราะห์ | หัวหน้าสถานีวิจัยประมงศรีราชา |

**สถานีวิจัยประมงศรีราชา**

**101/12 หมู่ 9 ต. บางพระ**

**อ. ศรีราชา จ. ชลบุรี 20110**

**โทร./โทรสาร. (038) 311379**

**Client : Rojana Industrial Park Public Co., Ltd.**

**Address : 3/7 Moo 2 Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong, Thailand, 21120**

**Project Name : Rayong Bankhai**

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## รายงานผลการวิเคราะห์สัตว์หน้าดิน

**ตาราง ผลการวิเคราะห์สัตว์หน้าดิน** (เก็บตัวอย่างวันที่ 14 กันยายน 2566)

| ชนิดสัตว์หน้าดิน | ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร) | | | |
|---|---|---|---|---|
| | **2397540-1** | **2397540-2** | **2397540-3** | **2397540-4** |
| **Phylum Annelida** | | | | |
| **Class Clitellata** | | | | |
| **Order Lumbriculida** | | | | |
| **Family Lumbriculidae** | | | | |
| *Lumbriculus* sp. (ไส้เดือนน้ำ) | - | - | 15 | - |
| **Phylum Arthropoda** | | | | |
| **Class Insecta** | | | | |
| **Order Diptera** | | | | |
| **Family Chironomidae** | | | | |
| *Chironomus* sp. (หนอนแดง) | - | 208 | 89 | - |
| **Order Plecoptera** | | | | |
| **Family Perlidae** | | | | |
| *Neoperla* sp. (ตัวอ่อนแมลงสโตนฟลาย) | - | - | 60 | - |

**<u>ตาราง</u> ผลการวิเคราะห์สัตว์หน้าดิน** (เก็บตัวอย่างวันที่ 14 กันยายน 2566) (ต่อ)

| ชนิดสัตว์หน้าดิน | ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร) | | | |
|---|---|---|---|---|
| | **2397540-1** | **2397540-2** | **2397540-3** | **2397540-4** |
| **Order Trichoptera** | | | | |
| **Family Stenopsychidae** | | | | |
| *Cheumatopsyche* sp. (ตัวอ่อนแมลงหนอนปลอกน้ำ) | - | - | 45 | - |
| **Class Malacostraca** | | | | |
| **Order Amphipoda** | | | | |
| **Family Gammaridae** | | | | |
| *Gammarus* sp. (แอมฟิพอด) | - | - | 15 | - |
| **Phylum Mollusca** | | | | |
| **Class Gastropoda** | | | | |
| **Order Architaenioglossa** | | | | |
| **Family Thiaridae** | | | | |
| *Melanoides* sp. (หอยเจดีย์) | 119 | - | - | - |
| **Order Neogastropoda** | | | | |
| **Family Buccinidae** | | | | |
| *Clea* sp. (หอยเจดีย์) | - | - | - | 15 |
| **Class Bivalvia** | | | | |
| **Order Unionoida** | | | | |
| **Family Unionoidae** | | | | |
| *Uniandra* sp. (หอยกาบ) | - | - | - | 30 |
| **ชนิดสัตว์หน้าดิน** | **1** | **1** | **5** | **2** |
| **ปริมาณสัตว์หน้าดิน** | **119** | **208** | **224** | **45** |
| **ค่าดัชนีความหลากหลายสัตว์หน้าดิน** | **0.0000** | **0.0000** | **1.4041** | **0.6365** |

**Sample Location :** 1. สถานี 2397540-1 : BIO1 : คลองปลากั้งช่วงก่อนไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร (GPS 47P 0754335, 145172)

2. สถานี 2397540-2 : BIO2 : คลองปลากั้งบริเวณจุดระบายน้ำทิ้งของโครงการ (GPS 47P 0753479, 1424676)

3. สถานี 2397540-3 : BIO3 : คลองปลากั้งช่วงไหลผ่านจุดระบายน้ำทิ้งของโครงการ 500 เมตร (GPS 47P 0752945, 1424556)

4. สถานี 2397540-4 : BIO4 : คลองปลากั้งช่วงไหลบรรจบกับคลองใหญ่ (GPS 47P 0750107, 1423853)

**Condition of Sample :** contained in one plastic zip bag

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(นายอรรถวุฒิ กันทะวงศ์)

ผู้วิเคราะห์

.....

(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา

# ภาคผนวก ฐ-8

ระดับเสียง

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854702-1



| | |
|---|---|
| **Sample Number** | 23128860-1 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959) |
| **Measurement Date** | Nov 23 - Nov 24, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 920833 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 48.3 | 70.6 | 39.7 |
| 01:00 PM - 02:00 PM | 44.9 | 77.1 | 36.4 |
| 02:00 PM - 03:00 PM | 52.0 | 76.5 | 35.8 |
| 03:00 PM - 04:00 PM | 47.0 | 72.8 | 36.4 |
| 04:00 PM - 05:00 PM | 45.3 | 75.4 | 35.3 |
| 05:00 PM - 06:00 PM | 46.6 | 78.8 | 39.2 |
| 06:00 PM - 07:00 PM | 44.8 | 65.0 | 39.2 |
| 07:00 PM - 08:00 PM | 45.8 | 64.9 | 40.3 |
| 08:00 PM - 09:00 PM | 45.1 | 68.6 | 40.0 |
| 09:00 PM - 10:00 PM | 43.5 | 70.6 | 38.1 |
| 10:00 PM - 11:00 PM | 43.8 | 69.1 | 37.0 |
| 11:00 PM - 12:00 AM | 43.6 | 75.4 | 35.8 |
| 12:00 AM - 01:00 AM | 39.9 | 69.6 | 34.3 |
| 01:00 AM - 02:00 AM | 36.8 | 57.4 | 34.8 |
| 02:00 AM - 03:00 AM | 53.0 | 82.0 | 36.8 |
| 03:00 AM - 04:00 AM | 55.3 | 85.5 | 36.8 |
| 04:00 AM - 05:00 AM | 46.3 | 68.0 | 35.8 |
| 05:00 AM - 06:00 AM | 50.5 | 82.3 | 37.5 |
| 06:00 AM - 07:00 AM | 49.0 | 75.6 | 40.8 |
| 07:00 AM - 08:00 AM | 48.6 | 73.3 | 41.3 |
| 08:00 AM - 09:00 AM | 48.7 | 70.3 | 38.4 |
| 09:00 AM - 10:00 AM | 45.3 | 64.2 | 38.3 |
| 10:00 AM - 11:00 AM | 50.4 | 85.0 | 39.5 |
| 11:00 AM - 12:00 PM | 45.9 | 72.6 | 36.1 |
| Leq Average 24 hrs. (dB(A)) | 48.4 | | |
| Lmax (dB(A)) | | 85.5 | |
| L90 (dB(A)) | | | 37.0 |
| Ldn (dB(A)) | 55.8 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854703-1



| | |
|---|---|
| **Sample Number** | 23128860-2 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959) |
| **Measurement Date** | Nov 24 - Nov 25, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 920833 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 43.2 | 65.6 | 36.8 |
| 01:00 PM - 02:00 PM | 45.2 | 67.6 | 38.0 |
| 02:00 PM - 03:00 PM | 41.6 | 61.2 | 35.7 |
| 03:00 PM - 04:00 PM | 46.6 | 71.1 | 37.1 |
| 04:00 PM - 05:00 PM | 45.1 | 67.8 | 38.3 |
| 05:00 PM - 06:00 PM | 48.9 | 76.0 | 39.2 |
| 06:00 PM - 07:00 PM | 50.8 | 81.3 | 39.8 |
| 07:00 PM - 08:00 PM | 45.3 | 64.8 | 40.5 |
| 08:00 PM - 09:00 PM | 44.3 | 57.8 | 41.6 |
| 09:00 PM - 10:00 PM | 43.7 | 62.8 | 40.5 |
| 10:00 PM - 11:00 PM | 58.5 | 84.7 | 39.3 |
| 11:00 PM - 12:00 AM | 53.4 | 85.0 | 37.8 |
| 12:00 AM - 01:00 AM | 41.2 | 70.7 | 35.9 |
| 01:00 AM - 02:00 AM | 39.8 | 60.6 | 35.5 |
| 02:00 AM - 03:00 AM | 39.8 | 65.3 | 35.1 |
| 03:00 AM - 04:00 AM | 43.5 | 64.2 | 34.6 |
| 04:00 AM - 05:00 AM | 45.9 | 65.8 | 35.3 |
| 05:00 AM - 06:00 AM | 48.6 | 65.9 | 37.4 |
| 06:00 AM - 07:00 AM | 51.4 | 93.1 | 40.0 |
| 07:00 AM - 08:00 AM | 48.5 | 80.7 | 42.9 |
| 08:00 AM - 09:00 AM | 48.2 | 71.1 | 42.7 |
| 09:00 AM - 10:00 AM | 56.8 | 83.9 | 40.0 |
| 10:00 AM - 11:00 AM | 47.7 | 70.7 | 40.5 |
| 11:00 AM - 12:00 PM | 49.0 | 82.5 | 38.2 |
| Leq Average 24 hrs. (dB(A)) | 50.0 | | |
| Lmax (dB(A)) | | 93.1 | |
| L90 (dB(A)) | | | 38.2 |
| Ldn (dB(A)) | 57.5 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854704-1



| | |
|---|---|
| **Sample Number** | 23128860-3 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959) |
| **Measurement Date** | Nov 25 - Nov 26, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 920833 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 48.0 | 70.3 | 39.4 |
| 01:00 PM - 02:00 PM | 44.0 | 62.9 | 37.2 |
| 02:00 PM - 03:00 PM | 44.0 | 64.1 | 36.3 |
| 03:00 PM - 04:00 PM | 46.4 | 78.3 | 35.5 |
| 04:00 PM - 05:00 PM | 46.7 | 69.8 | 38.4 |
| 05:00 PM - 06:00 PM | 46.2 | 70.1 | 39.7 |
| 06:00 PM - 07:00 PM | 47.9 | 73.7 | 43.3 |
| 07:00 PM - 08:00 PM | 51.4 | 69.4 | 46.0 |
| 08:00 PM - 09:00 PM | 45.5 | 69.2 | 40.1 |
| 09:00 PM - 10:00 PM | 42.4 | 65.6 | 38.3 |
| 10:00 PM - 11:00 PM | 43.6 | 73.6 | 37.1 |
| 11:00 PM - 12:00 AM | 43.2 | 73.0 | 36.4 |
| 12:00 AM - 01:00 AM | 40.1 | 61.2 | 35.8 |
| 01:00 AM - 02:00 AM | 40.9 | 65.4 | 34.4 |
| 02:00 AM - 03:00 AM | 37.2 | 56.9 | 34.1 |
| 03:00 AM - 04:00 AM | 43.7 | 66.7 | 34.7 |
| 04:00 AM - 05:00 AM | 46.2 | 65.6 | 34.8 |
| 05:00 AM - 06:00 AM | 47.9 | 64.3 | 36.3 |
| 06:00 AM - 07:00 AM | 47.3 | 71.3 | 38.4 |
| 07:00 AM - 08:00 AM | 49.7 | 82.4 | 38.6 |
| 08:00 AM - 09:00 AM | 47.1 | 75.9 | 40.7 |
| 09:00 AM - 10:00 AM | 47.1 | 68.5 | 41.2 |
| 10:00 AM - 11:00 AM | 54.4 | 83.4 | 39.5 |
| 11:00 AM - 12:00 PM | 50.9 | 78.8 | 39.9 |
| Leq Average 24 hrs. (dB(A)) | 47.5 | | |
| Lmax (dB(A)) | | 83.4 | |
| L90 (dB(A)) | | | 38.3 |
| Ldn (dB(A)) | 51.8 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854705-1



| | |
|---|---|
| **Sample Number** | 23128860-4 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959) |
| **Measurement Date** | Nov 26 - Nov 27, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 920833 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 50.3 | 79.8 | 39.5 |
| 01:00 PM - 02:00 PM | 45.9 | 67.3 | 39.7 |
| 02:00 PM - 03:00 PM | 48.3 | 74.8 | 40.5 |
| 03:00 PM - 04:00 PM | 50.7 | 81.1 | 37.0 |
| 04:00 PM - 05:00 PM | 50.8 | 83.4 | 37.6 |
| 05:00 PM - 06:00 PM | 48.7 | 74.7 | 36.8 |
| 06:00 PM - 07:00 PM | 46.9 | 74.6 | 38.0 |
| 07:00 PM - 08:00 PM | 45.0 | 64.9 | 38.7 |
| 08:00 PM - 09:00 PM | 44.6 | 65.2 | 38.6 |
| 09:00 PM - 10:00 PM | 44.5 | 69.3 | 38.5 |
| 10:00 PM - 11:00 PM | 59.0 | 83.2 | 40.2 |
| 11:00 PM - 12:00 AM | 44.8 | 71.5 | 38.0 |
| 12:00 AM - 01:00 AM | 37.8 | 66.0 | 33.5 |
| 01:00 AM - 02:00 AM | 36.3 | 55.1 | 34.0 |
| 02:00 AM - 03:00 AM | 40.0 | 62.5 | 33.4 |
| 03:00 AM - 04:00 AM | 48.0 | 84.3 | 34.9 |
| 04:00 AM - 05:00 AM | 47.5 | 64.9 | 35.5 |
| 05:00 AM - 06:00 AM | 49.1 | 65.7 | 37.8 |
| 06:00 AM - 07:00 AM | 52.7 | 83.2 | 40.0 |
| 07:00 AM - 08:00 AM | 52.7 | 80.0 | 41.8 |
| 08:00 AM - 09:00 AM | 50.7 | 80.0 | 42.0 |
| 09:00 AM - 10:00 AM | 52.3 | 82.3 | 39.4 |
| 10:00 AM - 11:00 AM | 50.4 | 79.2 | 41.3 |
| 11:00 AM - 12:00 PM | 48.5 | 71.1 | 40.0 |
| Leq Average 24 hrs. (dB(A)) | 50.3 | | |
| Lmax (dB(A)) | | 84.3 | |
| L90 (dB(A)) | | | 38.5 |
| Ldn (dB(A)) | 57.6 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854706-1



| | |
|---|---|
| **Sample Number** | 23128860-5 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959) |
| **Measurement Date** | Nov 27 - Nov 28, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 920833 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 47.7 | 67.0 | 39.9 |
| 01:00 PM - 02:00 PM | 45.5 | 70.7 | 38.0 |
| 02:00 PM - 03:00 PM | 45.6 | 70.3 | 38.4 |
| 03:00 PM - 04:00 PM | 46.0 | 72.7 | 38.7 |
| 04:00 PM - 05:00 PM | 47.4 | 75.4 | 38.8 |
| 05:00 PM - 06:00 PM | 49.0 | 81.0 | 39.0 |
| 06:00 PM - 07:00 PM | 46.7 | 71.4 | 41.5 |
| 07:00 PM - 08:00 PM | 51.2 | 83.1 | 44.5 |
| 08:00 PM - 09:00 PM | 50.3 | 71.0 | 46.0 |
| 09:00 PM - 10:00 PM | 50.0 | 73.4 | 46.1 |
| 10:00 PM - 11:00 PM | 51.1 | 68.9 | 47.0 |
| 11:00 PM - 12:00 AM | 48.5 | 76.0 | 43.7 |
| 12:00 AM - 01:00 AM | 47.1 | 75.0 | 35.5 |
| 01:00 AM - 02:00 AM | 45.8 | 77.6 | 34.4 |
| 02:00 AM - 03:00 AM | 39.2 | 65.9 | 33.5 |
| 03:00 AM - 04:00 AM | 39.3 | 61.9 | 34.9 |
| 04:00 AM - 05:00 AM | 47.3 | 71.4 | 35.5 |
| 05:00 AM - 06:00 AM | 48.7 | 65.5 | 37.4 |
| 06:00 AM - 07:00 AM | 48.5 | 70.2 | 40.4 |
| 07:00 AM - 08:00 AM | 48.2 | 70.7 | 42.2 |
| 08:00 AM - 09:00 AM | 57.7 | 83.4 | 39.9 |
| 09:00 AM - 10:00 AM | 56.1 | 85.0 | 37.4 |
| 10:00 AM - 11:00 AM | 50.0 | 77.9 | 36.7 |
| 11:00 AM - 12:00 PM | 52.5 | 82.8 | 36.9 |
| Leq Average 24 hrs. (dB(A)) | 50.2 | | |
| Lmax (dB(A)) | | 85.0 | |
| L90 (dB(A)) | | | 38.7 |
| Ldn (dB(A)) | 54.7 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854707-1



| | |
|---|---|
| **Sample Number** | 23128860-6 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959) |
| **Measurement Date** | Nov 28 - Nov 29, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 920833 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 42.7 | 65.8 | 35.7 |
| 01:00 PM - 02:00 PM | 43.6 | 69.8 | 36.9 |
| 02:00 PM - 03:00 PM | 49.5 | 74.7 | 37.0 |
| 03:00 PM - 04:00 PM | 44.2 | 65.8 | 35.3 |
| 04:00 PM - 05:00 PM | 44.3 | 62.3 | 37.2 |
| 05:00 PM - 06:00 PM | 47.2 | 70.3 | 38.5 |
| 06:00 PM - 07:00 PM | 45.8 | 66.1 | 41.5 |
| 07:00 PM - 08:00 PM | 45.3 | 63.2 | 42.1 |
| 08:00 PM - 09:00 PM | 52.8 | 82.7 | 41.6 |
| 09:00 PM - 10:00 PM | 45.3 | 68.8 | 39.6 |
| 10:00 PM - 11:00 PM | 45.3 | 77.3 | 37.6 |
| 11:00 PM - 12:00 AM | 41.4 | 71.5 | 36.3 |
| 12:00 AM - 01:00 AM | 39.4 | 56.6 | 37.2 |
| 01:00 AM - 02:00 AM | 44.6 | 71.7 | 35.7 |
| 02:00 AM - 03:00 AM | 51.6 | 73.0 | 35.7 |
| 03:00 AM - 04:00 AM | 50.6 | 82.0 | 34.2 |
| 04:00 AM - 05:00 AM | 45.9 | 66.9 | 35.1 |
| 05:00 AM - 06:00 AM | 48.5 | 67.3 | 37.8 |
| 06:00 AM - 07:00 AM | 49.2 | 74.6 | 40.2 |
| 07:00 AM - 08:00 AM | 48.7 | 70.6 | 42.2 |
| 08:00 AM - 09:00 AM | 44.8 | 64.1 | 37.7 |
| 09:00 AM - 10:00 AM | 49.6 | 85.3 | 36.6 |
| 10:00 AM - 11:00 AM | 46.6 | 72.5 | 37.1 |
| 11:00 AM - 12:00 PM | 49.7 | 75.5 | 37.9 |
| Leq Average 24 hrs. (dB(A)) | 47.7 | | |
| Lmax (dB(A)) | | 85.3 | |
| L90 (dB(A)) | | | 37.2 |
| Ldn (dB(A)) | 54.1 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854708-1



| | |
|---|---|
| **Sample Number** | 23128860-7 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959) |
| **Measurement Date** | Nov 29 - Nov 30, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 920833 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 50.1 | 80.3 | 39.0 |
| 01:00 PM - 02:00 PM | 46.4 | 67.8 | 40.2 |
| 02:00 PM - 03:00 PM | 48.8 | 75.3 | 41.0 |
| 03:00 PM - 04:00 PM | 51.2 | 81.6 | 37.5 |
| 04:00 PM - 05:00 PM | 51.3 | 83.9 | 38.1 |
| 05:00 PM - 06:00 PM | 49.2 | 75.2 | 37.3 |
| 06:00 PM - 07:00 PM | 47.4 | 75.1 | 38.5 |
| 07:00 PM - 08:00 PM | 45.5 | 65.4 | 39.2 |
| 08:00 PM - 09:00 PM | 45.1 | 65.7 | 39.1 |
| 09:00 PM - 10:00 PM | 45.0 | 69.8 | 39.0 |
| 10:00 PM - 11:00 PM | 59.5 | 83.7 | 40.7 |
| 11:00 PM - 12:00 AM | 45.3 | 72.0 | 38.5 |
| 12:00 AM - 01:00 AM | 38.3 | 66.5 | 34.0 |
| 01:00 AM - 02:00 AM | 36.8 | 55.6 | 34.5 |
| 02:00 AM - 03:00 AM | 40.5 | 63.0 | 33.9 |
| 03:00 AM - 04:00 AM | 48.5 | 84.8 | 35.4 |
| 04:00 AM - 05:00 AM | 48.0 | 65.4 | 36.0 |
| 05:00 AM - 06:00 AM | 49.6 | 66.2 | 38.3 |
| 06:00 AM - 07:00 AM | 53.2 | 83.7 | 40.5 |
| 07:00 AM - 08:00 AM | 53.2 | 80.5 | 42.3 |
| 08:00 AM - 09:00 AM | 51.2 | 80.5 | 42.5 |
| 09:00 AM - 10:00 AM | 52.8 | 82.8 | 39.9 |
| 10:00 AM - 11:00 AM | 50.9 | 79.7 | 41.8 |
| 11:00 AM - 12:00 PM | 49.0 | 71.6 | 40.5 |
| Leq Average 24 hrs. (dB(A)) | 50.7 | | |
| Lmax (dB(A)) | | 84.8 | |
| L90 (dB(A)) | | | 39.0 |
| Ldn (dB(A)) | 58.1 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854709-1



| | |
|---|---|
| **Sample Number** | 23128860-8 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168) |
| **Measurement Date** | Nov 23 - Nov 24, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120936 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 54.3 | 75.6 | 46.6 |
| 12:00 PM - 01:00 PM | 55.7 | 78.3 | 45.0 |
| 01:00 PM - 02:00 PM | 53.4 | 70.5 | 44.2 |
| 02:00 PM - 03:00 PM | 55.1 | 72.1 | 45.2 |
| 03:00 PM - 04:00 PM | 55.7 | 74.2 | 45.2 |
| 04:00 PM - 05:00 PM | 56.9 | 75.3 | 45.4 |
| 05:00 PM - 06:00 PM | 55.2 | 73.8 | 46.4 |
| 06:00 PM - 07:00 PM | 53.8 | 77.3 | 45.6 |
| 07:00 PM - 08:00 PM | 50.8 | 69.5 | 44.9 |
| 08:00 PM - 09:00 PM | 48.0 | 62.2 | 44.2 |
| 09:00 PM - 10:00 PM | 47.2 | 65.0 | 44.2 |
| 10:00 PM - 11:00 PM | 45.0 | 58.5 | 43.3 |
| 11:00 PM - 12:00 AM | 45.8 | 63.0 | 42.9 |
| 12:00 AM - 01:00 AM | 45.7 | 69.3 | 43.1 |
| 01:00 AM - 02:00 AM | 45.3 | 65.2 | 42.7 |
| 02:00 AM - 03:00 AM | 45.8 | 67.3 | 43.1 |
| 03:00 AM - 04:00 AM | 47.0 | 66.6 | 44.0 |
| 04:00 AM - 05:00 AM | 48.5 | 67.9 | 43.6 |
| 05:00 AM - 06:00 AM | 55.3 | 72.5 | 45.0 |
| 06:00 AM - 07:00 AM | 55.1 | 76.0 | 45.5 |
| 07:00 AM - 08:00 AM | 52.3 | 71.8 | 46.4 |
| 08:00 AM - 09:00 AM | 55.4 | 80.3 | 45.5 |
| 09:00 AM - 10:00 AM | 57.5 | 76.3 | 47.7 |
| 10:00 AM - 11:00 AM | 57.0 | 87.0 | 46.6 |
| Leq Average 24 hrs. (dB(A)) | 53.5 | | |
| Lmax (dB(A)) | | 87.0 | |
| L90 (dB(A)) | | | 45.0 |
| Ldn (dB(A)) | 57.7 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854710-1



| | |
|---|---|
| **Sample Number** | 23128860-9 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168) |
| **Measurement Date** | Nov 24 - Nov 25, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120936 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 55.8 | 73.3 | 46.6 |
| 12:00 PM - 01:00 PM | 54.7 | 76.0 | 46.4 |
| 01:00 PM - 02:00 PM | 56.7 | 76.6 | 45.3 |
| 02:00 PM - 03:00 PM | 56.3 | 74.9 | 45.9 |
| 03:00 PM - 04:00 PM | 56.2 | 73.6 | 47.0 |
| 04:00 PM - 05:00 PM | 55.7 | 77.5 | 45.6 |
| 05:00 PM - 06:00 PM | 52.8 | 69.2 | 44.9 |
| 06:00 PM - 07:00 PM | 52.7 | 89.5 | 46.0 |
| 07:00 PM - 08:00 PM | 49.0 | 66.5 | 45.2 |
| 08:00 PM - 09:00 PM | 48.7 | 66.9 | 44.3 |
| 09:00 PM - 10:00 PM | 48.0 | 63.5 | 44.1 |
| 10:00 PM - 11:00 PM | 47.8 | 70.9 | 43.8 |
| 11:00 PM - 12:00 AM | 45.0 | 57.2 | 43.0 |
| 12:00 AM - 01:00 AM | 43.3 | 57.6 | 41.6 |
| 01:00 AM - 02:00 AM | 45.7 | 66.0 | 41.4 |
| 02:00 AM - 03:00 AM | 42.9 | 56.3 | 41.5 |
| 03:00 AM - 04:00 AM | 47.0 | 71.0 | 42.3 |
| 04:00 AM - 05:00 AM | 50.6 | 69.0 | 43.3 |
| 05:00 AM - 06:00 AM | 54.5 | 71.5 | 45.3 |
| 06:00 AM - 07:00 AM | 55.5 | 75.7 | 46.3 |
| 07:00 AM - 08:00 AM | 54.8 | 83.1 | 45.1 |
| 08:00 AM - 09:00 AM | 59.6 | 87.6 | 44.8 |
| 09:00 AM - 10:00 AM | 51.0 | 75.6 | 44.3 |
| 10:00 AM - 11:00 AM | 51.9 | 69.1 | 45.3 |
| Leq Average 24 hrs. (dB(A)) | 53.5 | | |
| Lmax (dB(A)) | | 89.5 | |
| L90 (dB(A)) | | | 44.9 |
| Ldn (dB(A)) | 57.7 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854711-1



| | |
|---|---|
| **Sample Number** | 23128860-10 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168) |
| **Measurement Date** | Nov 25 - Nov 26, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120936 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 53.3 | 87.0 | 45.3 |
| 12:00 PM - 01:00 PM | 52.6 | 72.4 | 45.6 |
| 01:00 PM - 02:00 PM | 57.5 | 83.4 | 44.7 |
| 02:00 PM - 03:00 PM | 53.4 | 74.1 | 45.1 |
| 03:00 PM - 04:00 PM | 53.5 | 74.9 | 44.4 |
| 04:00 PM - 05:00 PM | 52.7 | 71.8 | 44.1 |
| 05:00 PM - 06:00 PM | 52.1 | 72.6 | 44.8 |
| 06:00 PM - 07:00 PM | 50.4 | 67.1 | 45.9 |
| 07:00 PM - 08:00 PM | 49.1 | 70.8 | 45.4 |
| 08:00 PM - 09:00 PM | 48.3 | 71.5 | 44.0 |
| 09:00 PM - 10:00 PM | 46.2 | 63.1 | 43.4 |
| 10:00 PM - 11:00 PM | 44.4 | 55.3 | 42.7 |
| 11:00 PM - 12:00 AM | 44.0 | 56.8 | 42.3 |
| 12:00 AM - 01:00 AM | 49.9 | 70.6 | 43.1 |
| 01:00 AM - 02:00 AM | 44.3 | 56.9 | 42.5 |
| 02:00 AM - 03:00 AM | 43.5 | 54.9 | 42.2 |
| 03:00 AM - 04:00 AM | 44.0 | 60.2 | 42.5 |
| 04:00 AM - 05:00 AM | 49.4 | 67.1 | 42.9 |
| 05:00 AM - 06:00 AM | 53.6 | 68.3 | 45.0 |
| 06:00 AM - 07:00 AM | 55.3 | 78.1 | 45.2 |
| 07:00 AM - 08:00 AM | 52.4 | 78.1 | 44.7 |
| 08:00 AM - 09:00 AM | 60.4 | 86.9 | 46.1 |
| 09:00 AM - 10:00 AM | 51.9 | 76.9 | 45.2 |
| 10:00 AM - 11:00 AM | 53.1 | 71.0 | 45.7 |
| Leq Average 24 hrs. (dB(A)) | 52.8 | | |
| Lmax (dB(A)) | | 87.0 | |
| L90 (dB(A)) | | | 44.7 |
| Ldn (dB(A)) | 57.1 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854712-1



| | |
|---|---|
| **Sample Number** | 23128860-11 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168) |
| **Measurement Date** | Nov 26 - Nov 27, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120936 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 55.2 | 79.0 | 46.4 |
| 12:00 PM - 01:00 PM | 52.0 | 70.4 | 45.7 |
| 01:00 PM - 02:00 PM | 51.8 | 71.6 | 45.7 |
| 02:00 PM - 03:00 PM | 55.4 | 79.3 | 45.5 |
| 03:00 PM - 04:00 PM | 50.8 | 72.1 | 43.8 |
| 04:00 PM - 05:00 PM | 51.3 | 66.7 | 44.6 |
| 05:00 PM - 06:00 PM | 52.6 | 70.0 | 44.9 |
| 06:00 PM - 07:00 PM | 51.2 | 71.8 | 45.6 |
| 07:00 PM - 08:00 PM | 49.4 | 74.2 | 46.0 |
| 08:00 PM - 09:00 PM | 49.7 | 67.9 | 45.3 |
| 09:00 PM - 10:00 PM | 49.0 | 64.5 | 45.1 |
| 10:00 PM - 11:00 PM | 48.8 | 71.9 | 44.8 |
| 11:00 PM - 12:00 AM | 46.0 | 58.2 | 44.0 |
| 12:00 AM - 01:00 AM | 44.3 | 58.6 | 42.6 |
| 01:00 AM - 02:00 AM | 46.7 | 67.0 | 42.4 |
| 02:00 AM - 03:00 AM | 43.9 | 57.3 | 42.5 |
| 03:00 AM - 04:00 AM | 48.0 | 72.0 | 43.3 |
| 04:00 AM - 05:00 AM | 51.6 | 70.0 | 44.3 |
| 05:00 AM - 06:00 AM | 55.5 | 72.5 | 46.3 |
| 06:00 AM - 07:00 AM | 56.5 | 76.7 | 47.3 |
| 07:00 AM - 08:00 AM | 55.8 | 84.1 | 46.1 |
| 08:00 AM - 09:00 AM | 60.6 | 88.6 | 45.8 |
| 09:00 AM - 10:00 AM | 52.0 | 76.6 | 45.3 |
| 10:00 AM - 11:00 AM | 52.9 | 70.1 | 46.3 |
| Leq Average 24 hrs. (dB(A)) | 53.1 | | |
| Lmax (dB(A)) | | 88.6 | |
| L90 (dB(A)) | | | 45.3 |
| Ldn (dB(A)) | 58.2 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854713-1



| | |
|---|---|
| **Sample Number** | 23128860-12 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168) |
| **Measurement Date** | Nov 27 - Nov 28, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120936 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 54.3 | 88.0 | 46.3 |
| 12:00 PM - 01:00 PM | 53.6 | 73.4 | 46.6 |
| 01:00 PM - 02:00 PM | 58.5 | 84.4 | 45.7 |
| 02:00 PM - 03:00 PM | 54.4 | 75.1 | 46.1 |
| 03:00 PM - 04:00 PM | 54.5 | 75.9 | 45.4 |
| 04:00 PM - 05:00 PM | 53.7 | 72.8 | 45.1 |
| 05:00 PM - 06:00 PM | 53.1 | 73.6 | 45.8 |
| 06:00 PM - 07:00 PM | 51.4 | 68.1 | 46.9 |
| 07:00 PM - 08:00 PM | 50.1 | 71.8 | 46.4 |
| 08:00 PM - 09:00 PM | 49.3 | 72.5 | 45.0 |
| 09:00 PM - 10:00 PM | 47.2 | 64.1 | 44.4 |
| 10:00 PM - 11:00 PM | 45.4 | 56.3 | 43.7 |
| 11:00 PM - 12:00 AM | 45.0 | 57.8 | 43.3 |
| 12:00 AM - 01:00 AM | 50.9 | 71.6 | 44.1 |
| 01:00 AM - 02:00 AM | 45.3 | 57.9 | 43.5 |
| 02:00 AM - 03:00 AM | 44.5 | 55.9 | 43.2 |
| 03:00 AM - 04:00 AM | 45.0 | 61.2 | 43.5 |
| 04:00 AM - 05:00 AM | 50.4 | 68.1 | 43.9 |
| 05:00 AM - 06:00 AM | 54.6 | 69.3 | 46.0 |
| 06:00 AM - 07:00 AM | 56.3 | 79.1 | 46.2 |
| 07:00 AM - 08:00 AM | 53.4 | 79.1 | 45.7 |
| 08:00 AM - 09:00 AM | 61.4 | 87.9 | 47.1 |
| 09:00 AM - 10:00 AM | 52.9 | 77.9 | 46.2 |
| 10:00 AM - 11:00 AM | 54.1 | 72.0 | 46.7 |
| Leq Average 24 hrs. (dB(A)) | 53.8 | | |
| Lmax (dB(A)) | | 88.0 | |
| L90 (dB(A)) | | | 45.7 |
| Ldn (dB(A)) | 58.1 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854714-1



| | |
|---|---|
| **Sample Number** | 23128860-13 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168) |
| **Measurement Date** | Nov 28 - Nov 29, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120936 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 56.2 | 80.0 | 47.4 |
| 12:00 PM - 01:00 PM | 53.0 | 71.4 | 46.7 |
| 01:00 PM - 02:00 PM | 52.8 | 72.6 | 46.7 |
| 02:00 PM - 03:00 PM | 56.4 | 80.3 | 46.5 |
| 03:00 PM - 04:00 PM | 51.8 | 73.1 | 44.8 |
| 04:00 PM - 05:00 PM | 52.3 | 67.7 | 45.6 |
| 05:00 PM - 06:00 PM | 53.6 | 71.0 | 45.9 |
| 06:00 PM - 07:00 PM | 52.2 | 72.8 | 46.6 |
| 07:00 PM - 08:00 PM | 50.4 | 75.2 | 47.0 |
| 08:00 PM - 09:00 PM | 49.2 | 67.4 | 44.8 |
| 09:00 PM - 10:00 PM | 48.5 | 64.0 | 44.6 |
| 10:00 PM - 11:00 PM | 48.3 | 71.4 | 44.3 |
| 11:00 PM - 12:00 AM | 45.5 | 57.7 | 43.5 |
| 12:00 AM - 01:00 AM | 43.8 | 58.1 | 42.1 |
| 01:00 AM - 02:00 AM | 46.2 | 66.5 | 41.9 |
| 02:00 AM - 03:00 AM | 43.4 | 56.8 | 42.0 |
| 03:00 AM - 04:00 AM | 47.5 | 71.5 | 42.8 |
| 04:00 AM - 05:00 AM | 51.1 | 69.5 | 43.8 |
| 05:00 AM - 06:00 AM | 55.0 | 72.0 | 45.8 |
| 06:00 AM - 07:00 AM | 56.0 | 76.2 | 46.8 |
| 07:00 AM - 08:00 AM | 55.3 | 83.6 | 45.6 |
| 08:00 AM - 09:00 AM | 60.1 | 88.1 | 45.3 |
| 09:00 AM - 10:00 AM | 51.5 | 76.1 | 44.8 |
| 10:00 AM - 11:00 AM | 52.4 | 69.6 | 45.8 |
| Leq Average 24 hrs. (dB(A)) | 53.2 | | |
| Lmax (dB(A)) | | 88.1 | |
| L90 (dB(A)) | | | 45.3 |
| Ldn (dB(A)) | 57.9 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854715-1



| | |
|---|---|
| **Sample Number** | 23128860-14 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านซากหิน (N3) (GPS 47P 0751712, 1426378) |
| **Measurement Date** | Nov 29 - Nov 30, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120936 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 53.8 | 87.5 | 45.8 |
| 12:00 PM - 01:00 PM | 53.1 | 72.9 | 46.1 |
| 01:00 PM - 02:00 PM | 58.0 | 83.9 | 45.2 |
| 02:00 PM - 03:00 PM | 53.9 | 74.6 | 45.6 |
| 03:00 PM - 04:00 PM | 54.0 | 75.4 | 44.9 |
| 04:00 PM - 05:00 PM | 53.2 | 72.3 | 44.6 |
| 05:00 PM - 06:00 PM | 52.6 | 73.1 | 45.3 |
| 06:00 PM - 07:00 PM | 50.9 | 67.6 | 46.4 |
| 07:00 PM - 08:00 PM | 49.6 | 71.3 | 45.9 |
| 08:00 PM - 09:00 PM | 48.8 | 72.0 | 44.5 |
| 09:00 PM - 10:00 PM | 46.7 | 63.6 | 43.9 |
| 10:00 PM - 11:00 PM | 44.9 | 55.8 | 43.2 |
| 11:00 PM - 12:00 AM | 44.5 | 57.3 | 42.8 |
| 12:00 AM - 01:00 AM | 50.4 | 71.1 | 43.6 |
| 01:00 AM - 02:00 AM | 44.8 | 57.4 | 43.0 |
| 02:00 AM - 03:00 AM | 44.0 | 55.4 | 42.7 |
| 03:00 AM - 04:00 AM | 44.5 | 60.7 | 43.0 |
| 04:00 AM - 05:00 AM | 49.9 | 67.6 | 43.4 |
| 05:00 AM - 06:00 AM | 54.1 | 68.8 | 45.5 |
| 06:00 AM - 07:00 AM | 55.8 | 78.6 | 45.7 |
| 07:00 AM - 08:00 AM | 52.9 | 78.6 | 45.2 |
| 08:00 AM - 09:00 AM | 60.9 | 87.4 | 46.6 |
| 09:00 AM - 10:00 AM | 52.4 | 77.4 | 45.7 |
| 10:00 AM - 11:00 AM | 53.6 | 71.5 | 46.2 |
| Leq Average 24 hrs. (dB(A)) | 53.3 | | |
| Lmax (dB(A)) | | 87.5 | |
| L90 (dB(A)) | | | 45.2 |
| Ldn (dB(A)) | 57.6 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854716-1



| | |
|---|---|
| **Sample Number** | 23128860-15 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านซากหิน (N3) (GPS 47P 0751712, 1426378) |
| **Measurement Date** | Nov 23 - Nov 24, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 296515 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 55.5 | 81.1 | 43.3 |
| 11:00 AM - 12:00 PM | 53.5 | 74.2 | 42.6 |
| 12:00 PM - 01:00 PM | 51.6 | 73.9 | 41.9 |
| 01:00 PM - 02:00 PM | 54.2 | 81.5 | 34.4 |
| 02:00 PM - 03:00 PM | 55.1 | 80.4 | 34.7 |
| 03:00 PM - 04:00 PM | 54.9 | 83.9 | 34.1 |
| 04:00 PM - 05:00 PM | 56.9 | 82.9 | 36.7 |
| 05:00 PM - 06:00 PM | 56.6 | 81.7 | 38.8 |
| 06:00 PM - 07:00 PM | 56.4 | 81.1 | 48.3 |
| 07:00 PM - 08:00 PM | 55.8 | 81.3 | 48.2 |
| 08:00 PM - 09:00 PM | 54.3 | 78.8 | 43.1 |
| 09:00 PM - 10:00 PM | 56.6 | 83.8 | 47.2 |
| 10:00 PM - 11:00 PM | 56.1 | 71.2 | 46.2 |
| 11:00 PM - 12:00 AM | 52.5 | 68.7 | 40.3 |
| 12:00 AM - 01:00 AM | 52.5 | 72.0 | 37.4 |
| 01:00 AM - 02:00 AM | 48.7 | 72.0 | 37.1 |
| 02:00 AM - 03:00 AM | 54.6 | 81.8 | 38.2 |
| 03:00 AM - 04:00 AM | 44.4 | 70.3 | 36.3 |
| 04:00 AM - 05:00 AM | 45.1 | 67.9 | 37.9 |
| 05:00 AM - 06:00 AM | 55.8 | 84.3 | 40.7 |
| 06:00 AM - 07:00 AM | 56.1 | 83.2 | 42.1 |
| 07:00 AM - 08:00 AM | 59.9 | 89.6 | 42.3 |
| 08:00 AM - 09:00 AM | 56.5 | 84.0 | 39.0 |
| 09:00 AM - 10:00 AM | 52.2 | 76.3 | 38.3 |
| Leq Average 24 hrs. (dB(A)) | 55.0 | | |
| Lmax (dB(A)) | | 89.6 | |
| L90 (dB(A)) | | | 39.0 |
| Ldn (dB(A)) | 60.3 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854717-1



| | |
|---|---|
| **Sample Number** | 23128860-16 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) |
| **Measurement Date** | Nov 24 - Nov 25, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 296515 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 52.2 | 75.9 | 36.7 |
| 11:00 AM - 12:00 PM | 54.9 | 78.0 | 36.7 |
| 12:00 PM - 01:00 PM | 55.0 | 80.4 | 43.0 |
| 01:00 PM - 02:00 PM | 54.6 | 77.5 | 43.2 |
| 02:00 PM - 03:00 PM | 53.3 | 77.0 | 43.4 |
| 03:00 PM - 04:00 PM | 52.1 | 74.1 | 44.3 |
| 04:00 PM - 05:00 PM | 54.3 | 77.6 | 43.8 |
| 05:00 PM - 06:00 PM | 55.4 | 79.2 | 45.2 |
| 06:00 PM - 07:00 PM | 55.4 | 81.9 | 46.5 |
| 07:00 PM - 08:00 PM | 57.8 | 89.6 | 44.8 |
| 08:00 PM - 09:00 PM | 51.2 | 75.2 | 44.7 |
| 09:00 PM - 10:00 PM | 49.4 | 69.8 | 44.2 |
| 10:00 PM - 11:00 PM | 51.8 | 81.2 | 44.7 |
| 11:00 PM - 12:00 AM | 48.9 | 68.8 | 45.5 |
| 12:00 AM - 01:00 AM | 48.9 | 72.0 | 45.0 |
| 01:00 AM - 02:00 AM | 49.4 | 76.1 | 45.3 |
| 02:00 AM - 03:00 AM | 48.1 | 67.5 | 45.5 |
| 03:00 AM - 04:00 AM | 47.8 | 69.4 | 45.2 |
| 04:00 AM - 05:00 AM | 48.3 | 69.8 | 45.4 |
| 05:00 AM - 06:00 AM | 57.3 | 84.5 | 46.0 |
| 06:00 AM - 07:00 AM | 54.2 | 79.8 | 45.5 |
| 07:00 AM - 08:00 AM | 59.8 | 88.5 | 46.7 |
| 08:00 AM - 09:00 AM | 54.5 | 81.4 | 44.6 |
| 09:00 AM - 10:00 AM | 53.1 | 71.9 | 44.2 |
| Leq Average 24 hrs. (dB(A)) | 54.0 | | |
| Lmax (dB(A)) | | 89.6 | |
| L90 (dB(A)) | | | 44.7 |
| Ldn (dB(A)) | 58.9 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854718-1



| | |
|---|---|
| **Sample Number** | 23128860-17 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) |
| **Measurement Date** | Nov 25 - Nov 26, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 296515 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 54.2 | 77.5 | 44.3 |
| 11:00 AM - 12:00 PM | 56.3 | 84.5 | 45.1 |
| 12:00 PM - 01:00 PM | 56.3 | 83.6 | 44.2 |
| 01:00 PM - 02:00 PM | 53.1 | 74.2 | 44.3 |
| 02:00 PM - 03:00 PM | 52.5 | 74.3 | 44.2 |
| 03:00 PM - 04:00 PM | 55.3 | 80.5 | 47.5 |
| 04:00 PM - 05:00 PM | 55.4 | 77.0 | 49.7 |
| 05:00 PM - 06:00 PM | 55.4 | 77.1 | 46.3 |
| 06:00 PM - 07:00 PM | 55.4 | 82.1 | 50.0 |
| 07:00 PM - 08:00 PM | 55.2 | 85.0 | 47.0 |
| 08:00 PM - 09:00 PM | 51.7 | 71.1 | 46.2 |
| 09:00 PM - 10:00 PM | 50.8 | 72.9 | 46.1 |
| 10:00 PM - 11:00 PM | 51.0 | 75.7 | 46.2 |
| 11:00 PM - 12:00 AM | 50.1 | 69.5 | 46.4 |
| 12:00 AM - 01:00 AM | 50.3 | 73.1 | 45.9 |
| 01:00 AM - 02:00 AM | 49.9 | 70.3 | 46.7 |
| 02:00 AM - 03:00 AM | 53.5 | 82.7 | 47.5 |
| 03:00 AM - 04:00 AM | 53.7 | 84.0 | 46.5 |
| 04:00 AM - 05:00 AM | 49.9 | 67.9 | 47.4 |
| 05:00 AM - 06:00 AM | 55.0 | 81.8 | 46.8 |
| 06:00 AM - 07:00 AM | 53.1 | 75.2 | 47.5 |
| 07:00 AM - 08:00 AM | 56.4 | 83.3 | 47.2 |
| 08:00 AM - 09:00 AM | 53.9 | 80.7 | 45.2 |
| 09:00 AM - 10:00 AM | 56.5 | 82.5 | 46.1 |
| Leq Average 24 hrs. (dB(A)) | 54.1 | | |
| Lmax (dB(A)) | | 85.0 | |
| L90 (dB(A)) | | | 46.3 |
| Ldn (dB(A)) | 59.1 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854719-1



| | |
|---|---|
| **Sample Number** | 23128860-18 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) |
| **Measurement Date** | Nov 26 - Nov 27, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 296515 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 56.2 | 83.3 | 45.4 |
| 11:00 AM - 12:00 PM | 53.6 | 78.3 | 44.6 |
| 12:00 PM - 01:00 PM | 55.3 | 81.1 | 44.1 |
| 01:00 PM - 02:00 PM | 52.8 | 74.8 | 44.2 |
| 02:00 PM - 03:00 PM | 53.9 | 79.7 | 43.4 |
| 03:00 PM - 04:00 PM | 57.0 | 85.6 | 43.8 |
| 04:00 PM - 05:00 PM | 54.7 | 78.9 | 44.7 |
| 05:00 PM - 06:00 PM | 54.6 | 78.6 | 43.9 |
| 06:00 PM - 07:00 PM | 54.1 | 76.4 | 46.9 |
| 07:00 PM - 08:00 PM | 53.0 | 77.5 | 46.8 |
| 08:00 PM - 09:00 PM | 54.4 | 84.8 | 45.3 |
| 09:00 PM - 10:00 PM | 55.3 | 84.9 | 44.9 |
| 10:00 PM - 11:00 PM | 55.0 | 85.1 | 45.4 |
| 11:00 PM - 12:00 AM | 51.4 | 68.6 | 44.0 |
| 12:00 AM - 01:00 AM | 49.9 | 72.8 | 45.0 |
| 01:00 AM - 02:00 AM | 50.5 | 75.1 | 45.6 |
| 02:00 AM - 03:00 AM | 49.9 | 76.7 | 45.8 |
| 03:00 AM - 04:00 AM | 49.2 | 73.8 | 45.9 |
| 04:00 AM - 05:00 AM | 51.2 | 77.7 | 45.6 |
| 05:00 AM - 06:00 AM | 56.2 | 84.2 | 46.5 |
| 06:00 AM - 07:00 AM | 57.1 | 83.3 | 47.1 |
| 07:00 AM - 08:00 AM | 57.5 | 79.8 | 46.9 |
| 08:00 AM - 09:00 AM | 55.8 | 79.2 | 43.0 |
| 09:00 AM - 10:00 AM | 55.0 | 84.1 | 42.2 |
| Leq Average 24 hrs. (dB(A)) | 54.5 | | |
| Lmax (dB(A)) | | 85.6 | |
| L90 (dB(A)) | | | 45.0 |
| Ldn (dB(A)) | 60.0 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854720-1



| | |
|---|---|
| **Sample Number** | 23128860-19 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) |
| **Measurement Date** | Nov 27 - Nov 28, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 296515 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 53.5 | 72.0 | 44.4 |
| 11:00 AM - 12:00 PM | 55.2 | 85.1 | 43.4 |
| 12:00 PM - 01:00 PM | 53.1 | 73.2 | 43.4 |
| 01:00 PM - 02:00 PM | 53.6 | 76.0 | 43.5 |
| 02:00 PM - 03:00 PM | 56.1 | 82.1 | 45.0 |
| 03:00 PM - 04:00 PM | 55.3 | 82.5 | 43.4 |
| 04:00 PM - 05:00 PM | 56.2 | 82.2 | 43.5 |
| 05:00 PM - 06:00 PM | 57.2 | 82.2 | 39.2 |
| 06:00 PM - 07:00 PM | 56.6 | 81.6 | 48.4 |
| 07:00 PM - 08:00 PM | 56.7 | 81.8 | 49.1 |
| 08:00 PM - 09:00 PM | 54.6 | 79.3 | 42.9 |
| 09:00 PM - 10:00 PM | 57.0 | 84.3 | 47.6 |
| 10:00 PM - 11:00 PM | 56.9 | 71.7 | 47.2 |
| 11:00 PM - 12:00 AM | 53.2 | 69.2 | 41.0 |
| 12:00 AM - 01:00 AM | 53.2 | 72.5 | 37.8 |
| 01:00 AM - 02:00 AM | 49.4 | 72.5 | 37.8 |
| 02:00 AM - 03:00 AM | 55.1 | 82.3 | 38.8 |
| 03:00 AM - 04:00 AM | 44.1 | 66.9 | 36.5 |
| 04:00 AM - 05:00 AM | 46.1 | 70.8 | 38.4 |
| 05:00 AM - 06:00 AM | 56.0 | 84.8 | 40.6 |
| 06:00 AM - 07:00 AM | 55.2 | 75.8 | 42.8 |
| 07:00 AM - 08:00 AM | 59.5 | 84.2 | 43.0 |
| 08:00 AM - 09:00 AM | 58.1 | 84.5 | 39.9 |
| 09:00 AM - 10:00 AM | 52.8 | 76.8 | 39.1 |
| Leq Average 24 hrs. (dB(A)) | 55.4 | | |
| Lmax (dB(A)) | | 85.1 | |
| L90 (dB(A)) | | | 42.9 |
| Ldn (dB(A)) | 60.5 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854721-1



| | |
|---|---|
| **Sample Number** | 23128860-20 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) |
| **Measurement Date** | Nov 28 - Nov 29, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 296515 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 51.0 | 74.7 | 35.5 |
| 11:00 AM - 12:00 PM | 53.7 | 76.8 | 35.5 |
| 12:00 PM - 01:00 PM | 53.8 | 79.2 | 41.8 |
| 01:00 PM - 02:00 PM | 53.4 | 76.3 | 42.0 |
| 02:00 PM - 03:00 PM | 52.1 | 75.8 | 42.2 |
| 03:00 PM - 04:00 PM | 50.9 | 72.9 | 43.1 |
| 04:00 PM - 05:00 PM | 53.1 | 76.4 | 42.6 |
| 05:00 PM - 06:00 PM | 54.2 | 78.0 | 44.0 |
| 06:00 PM - 07:00 PM | 54.2 | 80.7 | 45.3 |
| 07:00 PM - 08:00 PM | 56.6 | 88.4 | 43.6 |
| 08:00 PM - 09:00 PM | 50.0 | 74.0 | 43.5 |
| 09:00 PM - 10:00 PM | 48.2 | 68.6 | 43.0 |
| 10:00 PM - 11:00 PM | 50.6 | 80.0 | 43.5 |
| 11:00 PM - 12:00 AM | 47.7 | 67.6 | 44.3 |
| 12:00 AM - 01:00 AM | 47.7 | 70.8 | 43.8 |
| 01:00 AM - 02:00 AM | 48.2 | 74.9 | 44.1 |
| 02:00 AM - 03:00 AM | 46.9 | 66.3 | 44.3 |
| 03:00 AM - 04:00 AM | 46.6 | 68.2 | 44.0 |
| 04:00 AM - 05:00 AM | 47.1 | 68.6 | 44.2 |
| 05:00 AM - 06:00 AM | 56.1 | 83.3 | 44.8 |
| 06:00 AM - 07:00 AM | 53.0 | 78.6 | 44.3 |
| 07:00 AM - 08:00 AM | 58.6 | 87.3 | 45.5 |
| 08:00 AM - 09:00 AM | 53.3 | 80.2 | 43.4 |
| 09:00 AM - 10:00 AM | 51.9 | 70.7 | 43.0 |
| Leq Average 24 hrs. (dB(A)) | 52.8 | | |
| Lmax (dB(A)) | | 88.4 | |
| L90 (dB(A)) | | | 43.5 |
| Ldn (dB(A)) | 57.7 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854722-1



| | |
|---|---|
| **Sample Number** | 23128860-21 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) |
| **Measurement Date** | Nov 29 - Nov 30, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 296515 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 56.5 | 83.6 | 45.7 |
| 11:00 AM - 12:00 PM | 53.9 | 78.6 | 44.9 |
| 12:00 PM - 01:00 PM | 55.6 | 81.4 | 44.4 |
| 01:00 PM - 02:00 PM | 53.1 | 75.1 | 44.5 |
| 02:00 PM - 03:00 PM | 54.2 | 80.0 | 43.7 |
| 03:00 PM - 04:00 PM | 57.3 | 85.9 | 44.1 |
| 04:00 PM - 05:00 PM | 55.0 | 79.2 | 45.0 |
| 05:00 PM - 06:00 PM | 54.9 | 78.9 | 44.2 |
| 06:00 PM - 07:00 PM | 54.4 | 76.7 | 47.2 |
| 07:00 PM - 08:00 PM | 53.3 | 77.8 | 47.1 |
| 08:00 PM - 09:00 PM | 54.7 | 85.1 | 45.6 |
| 09:00 PM - 10:00 PM | 55.6 | 85.2 | 45.2 |
| 10:00 PM - 11:00 PM | 55.3 | 85.4 | 45.7 |
| 11:00 PM - 12:00 AM | 51.7 | 68.9 | 44.3 |
| 12:00 AM - 01:00 AM | 50.2 | 73.1 | 45.3 |
| 01:00 AM - 02:00 AM | 50.8 | 75.4 | 45.9 |
| 02:00 AM - 03:00 AM | 50.2 | 77.0 | 46.1 |
| 03:00 AM - 04:00 AM | 49.5 | 74.1 | 46.2 |
| 04:00 AM - 05:00 AM | 51.5 | 78.0 | 45.9 |
| 05:00 AM - 06:00 AM | 56.5 | 84.5 | 46.8 |
| 06:00 AM - 07:00 AM | 57.4 | 83.6 | 47.4 |
| 07:00 AM - 08:00 AM | 57.8 | 80.1 | 47.2 |
| 08:00 AM - 09:00 AM | 56.1 | 79.5 | 43.3 |
| 09:00 AM - 10:00 AM | 55.3 | 84.4 | 42.5 |
| Leq Average 24 hrs. (dB(A)) | 54.8 | | |
| Lmax (dB(A)) | | 85.9 | |
| L90 (dB(A)) | | | 45.3 |
| Ldn (dB(A)) | 60.3 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854723-1



| | |
|---|---|
| **Sample Number** | 23128860-22 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288) |
| **Measurement Date** | Nov 23 - Nov 24, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 597167 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 53.4 | 76.9 | 42.8 |
| 10:00 AM - 11:00 AM | 53.3 | 78.0 | 45.8 |
| 11:00 AM - 12:00 PM | 50.4 | 78.7 | 43.1 |
| 12:00 PM - 01:00 PM | 50.5 | 74.9 | 42.1 |
| 01:00 PM - 02:00 PM | 51.3 | 69.7 | 46.1 |
| 02:00 PM - 03:00 PM | 53.3 | 77.5 | 45.9 |
| 03:00 PM - 04:00 PM | 52.6 | 78.9 | 43.7 |
| 04:00 PM - 05:00 PM | 52.7 | 74.2 | 46.3 |
| 05:00 PM - 06:00 PM | 54.0 | 79.3 | 47.3 |
| 06:00 PM - 07:00 PM | 53.3 | 77.6 | 48.8 |
| 07:00 PM - 08:00 PM | 52.6 | 76.8 | 48.0 |
| 08:00 PM - 09:00 PM | 52.4 | 75.9 | 47.1 |
| 09:00 PM - 10:00 PM | 48.1 | 73.4 | 45.0 |
| 10:00 PM - 11:00 PM | 46.7 | 69.1 | 44.5 |
| 11:00 PM - 12:00 AM | 46.8 | 74.1 | 44.2 |
| 12:00 AM - 01:00 AM | 45.5 | 60.5 | 44.2 |
| 01:00 AM - 02:00 AM | 45.4 | 62.6 | 44.3 |
| 02:00 AM - 03:00 AM | 45.1 | 63.3 | 44.0 |
| 03:00 AM - 04:00 AM | 44.5 | 59.4 | 43.7 |
| 04:00 AM - 05:00 AM | 46.4 | 66.9 | 43.8 |
| 05:00 AM - 06:00 AM | 49.9 | 66.8 | 44.1 |
| 06:00 AM - 07:00 AM | 50.9 | 70.4 | 44.5 |
| 07:00 AM - 08:00 AM | 54.1 | 75.1 | 47.7 |
| 08:00 AM - 09:00 AM | 54.0 | 76.6 | 46.0 |
| Leq Average 24 hrs. (dB(A)) | 51.3 | | |
| Lmax (dB(A)) | | 79.3 | |
| L90 (dB(A)) | | | 44.5 |
| Ldn (dB(A)) | 55.0 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854724-1



| | |
|---|---|
| **Sample Number** | 23128860-23 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288) |
| **Measurement Date** | Nov 24 - Nov 25, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 597167 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 51.5 | 78.0 | 43.9 |
| 10:00 AM - 11:00 AM | 49.2 | 70.6 | 42.5 |
| 11:00 AM - 12:00 PM | 51.2 | 74.7 | 42.7 |
| 12:00 PM - 01:00 PM | 51.9 | 78.9 | 42.9 |
| 01:00 PM - 02:00 PM | 48.4 | 71.0 | 39.8 |
| 02:00 PM - 03:00 PM | 48.4 | 76.3 | 38.6 |
| 03:00 PM - 04:00 PM | 51.5 | 73.5 | 41.5 |
| 04:00 PM - 05:00 PM | 52.0 | 71.0 | 45.1 |
| 05:00 PM - 06:00 PM | 52.7 | 73.2 | 46.1 |
| 06:00 PM - 07:00 PM | 53.6 | 74.7 | 47.0 |
| 07:00 PM - 08:00 PM | 54.2 | 72.4 | 47.7 |
| 08:00 PM - 09:00 PM | 54.2 | 77.9 | 46.5 |
| 09:00 PM - 10:00 PM | 48.9 | 73.7 | 45.2 |
| 10:00 PM - 11:00 PM | 45.6 | 59.7 | 44.6 |
| 11:00 PM - 12:00 AM | 46.5 | 63.0 | 44.4 |
| 12:00 AM - 01:00 AM | 46.3 | 66.5 | 44.3 |
| 01:00 AM - 02:00 AM | 44.8 | 64.3 | 43.6 |
| 02:00 AM - 03:00 AM | 45.9 | 68.2 | 43.9 |
| 03:00 AM - 04:00 AM | 47.9 | 74.7 | 44.7 |
| 04:00 AM - 05:00 AM | 47.1 | 63.6 | 44.8 |
| 05:00 AM - 06:00 AM | 50.4 | 72.4 | 44.5 |
| 06:00 AM - 07:00 AM | 50.3 | 69.5 | 44.3 |
| 07:00 AM - 08:00 AM | 52.6 | 75.5 | 45.9 |
| 08:00 AM - 09:00 AM | 54.6 | 81.9 | 44.5 |
| Leq Average 24 hrs. (dB(A)) | 50.9 | | |
| Lmax (dB(A)) | | 81.9 | |
| L90 (dB(A)) | | | 44.4 |
| Ldn (dB(A)) | 55.0 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854725-1



| | |
|---|---|
| **Sample Number** | 23128860-24 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288) |
| **Measurement Date** | Nov 25 - Nov 26, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 597167 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 53.0 | 76.5 | 42.4 |
| 10:00 AM - 11:00 AM | 52.9 | 77.6 | 45.4 |
| 11:00 AM - 12:00 PM | 50.0 | 78.3 | 42.7 |
| 12:00 PM - 01:00 PM | 50.1 | 74.5 | 41.7 |
| 01:00 PM - 02:00 PM | 50.9 | 69.3 | 45.7 |
| 02:00 PM - 03:00 PM | 53.1 | 77.1 | 45.8 |
| 03:00 PM - 04:00 PM | 51.2 | 74.0 | 43.0 |
| 04:00 PM - 05:00 PM | 52.8 | 74.3 | 45.5 |
| 05:00 PM - 06:00 PM | 53.7 | 79.4 | 45.4 |
| 06:00 PM - 07:00 PM | 52.4 | 75.2 | 48.0 |
| 07:00 PM - 08:00 PM | 54.3 | 72.4 | 48.4 |
| 08:00 PM - 09:00 PM | 52.7 | 74.1 | 47.1 |
| 09:00 PM - 10:00 PM | 50.4 | 80.3 | 44.7 |
| 10:00 PM - 11:00 PM | 48.0 | 74.5 | 44.8 |
| 11:00 PM - 12:00 AM | 48.4 | 79.6 | 44.9 |
| 12:00 AM - 01:00 AM | 47.1 | 70.9 | 45.0 |
| 01:00 AM - 02:00 AM | 45.4 | 65.4 | 44.4 |
| 02:00 AM - 03:00 AM | 44.3 | 56.0 | 43.7 |
| 03:00 AM - 04:00 AM | 45.3 | 65.6 | 44.0 |
| 04:00 AM - 05:00 AM | 46.1 | 60.3 | 43.3 |
| 05:00 AM - 06:00 AM | 48.2 | 65.7 | 43.2 |
| 06:00 AM - 07:00 AM | 50.5 | 71.4 | 44.7 |
| 07:00 AM - 08:00 AM | 64.0 | 79.0 | 53.0 |
| 08:00 AM - 09:00 AM | 52.1 | 78.1 | 44.1 |
| Leq Average 24 hrs. (dB(A)) | 53.5 | | |
| Lmax (dB(A)) | | 80.3 | |
| L90 (dB(A)) | | | 44.7 |
| Ldn (dB(A)) | 56.1 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854726-1



| | |
|---|---|
| **Sample Number** | 23128860-25 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288) |
| **Measurement Date** | Nov 26 - Nov 27, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 597167 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 48.7 | 72.3 | 39.9 |
| 10:00 AM - 11:00 AM | 49.1 | 71.1 | 39.9 |
| 11:00 AM - 12:00 PM | 46.7 | 70.1 | 37.7 |
| 12:00 PM - 01:00 PM | 46.5 | 77.4 | 38.2 |
| 01:00 PM - 02:00 PM | 47.6 | 73.2 | 38.3 |
| 02:00 PM - 03:00 PM | 51.1 | 78.7 | 41.0 |
| 03:00 PM - 04:00 PM | 48.5 | 74.2 | 37.2 |
| 04:00 PM - 05:00 PM | 47.7 | 68.5 | 38.3 |
| 05:00 PM - 06:00 PM | 50.9 | 74.4 | 42.0 |
| 06:00 PM - 07:00 PM | 49.5 | 72.7 | 44.5 |
| 07:00 PM - 08:00 PM | 48.4 | 67.1 | 46.2 |
| 08:00 PM - 09:00 PM | 47.5 | 63.3 | 45.2 |
| 09:00 PM - 10:00 PM | 46.5 | 59.7 | 45.3 |
| 10:00 PM - 11:00 PM | 48.5 | 69.2 | 44.8 |
| 11:00 PM - 12:00 AM | 44.8 | 64.5 | 42.7 |
| 12:00 AM - 01:00 AM | 44.9 | 69.3 | 42.3 |
| 01:00 AM - 02:00 AM | 46.8 | 74.2 | 44.0 |
| 02:00 AM - 03:00 AM | 45.5 | 59.9 | 44.8 |
| 03:00 AM - 04:00 AM | 45.6 | 61.1 | 44.3 |
| 04:00 AM - 05:00 AM | 47.1 | 70.7 | 43.8 |
| 05:00 AM - 06:00 AM | 49.8 | 69.7 | 44.0 |
| 06:00 AM - 07:00 AM | 51.7 | 70.8 | 45.0 |
| 07:00 AM - 08:00 AM | 54.5 | 79.1 | 46.8 |
| 08:00 AM - 09:00 AM | 54.0 | 76.6 | 46.9 |
| Leq Average 24 hrs. (dB(A)) | 49.3 | | |
| Lmax (dB(A)) | | 79.1 | |
| L90 (dB(A)) | | | 43.8 |
| Ldn (dB(A)) | 54.6 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854727-1



| | |
|---|---|
| **Sample Number** | 23128860-26 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288) |
| **Measurement Date** | Nov 27 - Nov 28, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 597167 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 52.0 | 74.6 | 45.6 |
| 10:00 AM - 11:00 AM | 52.2 | 72.9 | 45.2 |
| 11:00 AM - 12:00 PM | 51.9 | 69.8 | 44.8 |
| 12:00 PM - 01:00 PM | 49.0 | 68.0 | 42.3 |
| 01:00 PM - 02:00 PM | 51.4 | 70.2 | 42.1 |
| 02:00 PM - 03:00 PM | 52.6 | 77.3 | 43.7 |
| 03:00 PM - 04:00 PM | 52.0 | 73.4 | 44.9 |
| 04:00 PM - 05:00 PM | 54.2 | 74.9 | 47.7 |
| 05:00 PM - 06:00 PM | 57.0 | 75.3 | 50.4 |
| 06:00 PM - 07:00 PM | 56.5 | 89.9 | 49.0 |
| 07:00 PM - 08:00 PM | 54.5 | 71.5 | 50.5 |
| 08:00 PM - 09:00 PM | 54.4 | 75.7 | 49.4 |
| 09:00 PM - 10:00 PM | 51.5 | 74.8 | 47.4 |
| 10:00 PM - 11:00 PM | 48.7 | 77.0 | 46.1 |
| 11:00 PM - 12:00 AM | 46.7 | 67.8 | 44.6 |
| 12:00 AM - 01:00 AM | 47.2 | 70.0 | 43.7 |
| 01:00 AM - 02:00 AM | 44.8 | 68.0 | 42.9 |
| 02:00 AM - 03:00 AM | 43.7 | 60.5 | 42.4 |
| 03:00 AM - 04:00 AM | 44.3 | 63.7 | 42.8 |
| 04:00 AM - 05:00 AM | 46.2 | 65.0 | 42.4 |
| 05:00 AM - 06:00 AM | 50.2 | 69.3 | 42.8 |
| 06:00 AM - 07:00 AM | 51.7 | 75.9 | 43.7 |
| 07:00 AM - 08:00 AM | 54.5 | 73.4 | 47.1 |
| 08:00 AM - 09:00 AM | 52.6 | 75.2 | 44.9 |
| Leq Average 24 hrs. (dB(A)) | 52.2 | | |
| Lmax (dB(A)) | | 89.9 | |
| L90 (dB(A)) | | | 44.8 |
| Ldn (dB(A)) | 55.7 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854728-1



| | |
|---|---|
| **Sample Number** | 23128860-27 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288) |
| **Measurement Date** | Nov 28 - Nov 29, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 597167 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 51.3 | 72.9 | 43.1 |
| 10:00 AM - 11:00 AM | 53.6 | 79.0 | 45.2 |
| 11:00 AM - 12:00 PM | 50.0 | 71.2 | 43.7 |
| 12:00 PM - 01:00 PM | 50.7 | 77.8 | 43.3 |
| 01:00 PM - 02:00 PM | 52.6 | 69.1 | 44.3 |
| 02:00 PM - 03:00 PM | 51.3 | 78.6 | 43.3 |
| 03:00 PM - 04:00 PM | 51.3 | 72.6 | 43.9 |
| 04:00 PM - 05:00 PM | 54.4 | 77.6 | 45.3 |
| 05:00 PM - 06:00 PM | 53.2 | 77.3 | 44.7 |
| 06:00 PM - 07:00 PM | 51.2 | 72.0 | 45.3 |
| 07:00 PM - 08:00 PM | 52.7 | 77.3 | 46.7 |
| 08:00 PM - 09:00 PM | 54.7 | 80.6 | 46.6 |
| 09:00 PM - 10:00 PM | 48.2 | 75.5 | 43.9 |
| 10:00 PM - 11:00 PM | 44.9 | 64.9 | 43.4 |
| 11:00 PM - 12:00 AM | 45.1 | 65.4 | 42.9 |
| 12:00 AM - 01:00 AM | 44.4 | 62.6 | 43.0 |
| 01:00 AM - 02:00 AM | 44.0 | 65.7 | 42.8 |
| 02:00 AM - 03:00 AM | 43.7 | 65.2 | 42.9 |
| 03:00 AM - 04:00 AM | 44.6 | 61.1 | 42.6 |
| 04:00 AM - 05:00 AM | 46.0 | 61.9 | 42.3 |
| 05:00 AM - 06:00 AM | 49.4 | 64.0 | 42.6 |
| 06:00 AM - 07:00 AM | 53.9 | 76.9 | 43.4 |
| 07:00 AM - 08:00 AM | 64.5 | 80.7 | 54.3 |
| 08:00 AM - 09:00 AM | 51.7 | 71.7 | 42.8 |
| Leq Average 24 hrs. (dB(A)) | 53.8 | | |
| Lmax (dB(A)) | | 80.7 | |
| L90 (dB(A)) | | | 43.4 |
| Ldn (dB(A)) | 56.4 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854729-1



| | |
|---|---|
| **Sample Number** | 23128860-28 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288) |
| **Measurement Date** | Nov 29 - Nov 30, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 597167 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 51.4 | 71.5 | 41.3 |
| 10:00 AM - 11:00 AM | 50.7 | 71.8 | 43.6 |
| 11:00 AM - 12:00 PM | 49.4 | 69.8 | 43.1 |
| 12:00 PM - 01:00 PM | 49.5 | 71.8 | 40.8 |
| 01:00 PM - 02:00 PM | 51.6 | 72.8 | 46.0 |
| 02:00 PM - 03:00 PM | 49.2 | 79.0 | 43.3 |
| 03:00 PM - 04:00 PM | 46.7 | 73.2 | 43.5 |
| 04:00 PM - 05:00 PM | 47.2 | 78.3 | 43.7 |
| 05:00 PM - 06:00 PM | 45.7 | 69.6 | 43.8 |
| 06:00 PM - 07:00 PM | 44.3 | 64.1 | 43.1 |
| 07:00 PM - 08:00 PM | 43.0 | 54.7 | 42.4 |
| 08:00 PM - 09:00 PM | 44.0 | 64.3 | 42.7 |
| 09:00 PM - 10:00 PM | 44.7 | 59.0 | 42.1 |
| 10:00 PM - 11:00 PM | 46.2 | 62.6 | 41.8 |
| 11:00 PM - 12:00 AM | 49.3 | 70.1 | 43.4 |
| 12:00 AM - 01:00 AM | 46.5 | 69.2 | 42.2 |
| 01:00 AM - 02:00 AM | 51.0 | 76.8 | 43.2 |
| 02:00 AM - 03:00 AM | 47.5 | 71.0 | 38.3 |
| 03:00 AM - 04:00 AM | 47.4 | 67.4 | 39.0 |
| 04:00 AM - 05:00 AM | 45.9 | 69.8 | 36.4 |
| 05:00 AM - 06:00 AM | 45.4 | 76.1 | 36.7 |
| 06:00 AM - 07:00 AM | 46.1 | 71.9 | 37.0 |
| 07:00 AM - 08:00 AM | 49.6 | 77.4 | 39.7 |
| 08:00 AM - 09:00 AM | 47.3 | 72.9 | 36.1 |
| Leq Average 24 hrs. (dB(A)) | 48.1 | | |
| Lmax (dB(A)) | | 79.0 | |
| L90 (dB(A)) | | | 42.2 |
| Ldn (dB(A)) | 54.2 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854730-1



| | |
|---|---|
| **Sample Number** | 23128860-29 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526) |
| **Measurement Date** | Nov 23 - Nov 24, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120937 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 45.5 | 68.5 | 39.2 |
| 02:00 PM - 03:00 PM | 56.3 | 79.6 | 44.4 |
| 03:00 PM - 04:00 PM | 51.1 | 72.6 | 42.3 |
| 04:00 PM - 05:00 PM | 52.0 | 70.9 | 44.3 |
| 05:00 PM - 06:00 PM | 50.4 | 73.0 | 44.7 |
| 06:00 PM - 07:00 PM | 52.5 | 69.8 | 50.0 |
| 07:00 PM - 08:00 PM | 55.2 | 68.9 | 53.0 |
| 08:00 PM - 09:00 PM | 56.9 | 68.3 | 53.9 |
| 09:00 PM - 10:00 PM | 59.2 | 77.2 | 55.2 |
| 10:00 PM - 11:00 PM | 59.3 | 80.6 | 52.8 |
| 11:00 PM - 12:00 AM | 58.5 | 64.9 | 54.2 |
| 12:00 AM - 01:00 AM | 56.4 | 73.4 | 52.7 |
| 01:00 AM - 02:00 AM | 54.5 | 63.3 | 50.3 |
| 02:00 AM - 03:00 AM | 51.4 | 63.2 | 48.6 |
| 03:00 AM - 04:00 AM | 52.9 | 61.1 | 50.0 |
| 04:00 AM - 05:00 AM | 52.1 | 61.4 | 48.7 |
| 05:00 AM - 06:00 AM | 53.8 | 64.0 | 50.5 |
| 06:00 AM - 07:00 AM | 52.3 | 80.4 | 48.2 |
| 07:00 AM - 08:00 AM | 56.0 | 79.0 | 48.7 |
| 08:00 AM - 09:00 AM | 47.3 | 71.8 | 42.3 |
| 09:00 AM - 10:00 AM | 48.9 | 82.1 | 42.6 |
| 10:00 AM - 11:00 AM | 51.8 | 80.9 | 40.6 |
| 11:00 AM - 12:00 PM | 48.3 | 74.1 | 40.4 |
| 12:00 PM - 01:00 PM | 48.6 | 76.4 | 40.6 |
| Leq Average 24 hrs. (dB(A)) | 54.5 | | |
| Lmax (dB(A)) | | 82.1 | |
| L90 (dB(A)) | | | 48.6 |
| Ldn (dB(A)) | 61.7 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854731-1



| | |
|---|---|
| **Sample Number** | 23128860-30 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526) |
| **Measurement Date** | Nov 24 - Nov 25, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120937 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 48.4 | 74.0 | 40.1 |
| 02:00 PM - 03:00 PM | 48.3 | 69.2 | 41.0 |
| 03:00 PM - 04:00 PM | 47.5 | 65.8 | 41.1 |
| 04:00 PM - 05:00 PM | 46.9 | 68.0 | 40.5 |
| 05:00 PM - 06:00 PM | 48.6 | 72.4 | 42.7 |
| 06:00 PM - 07:00 PM | 55.0 | 73.6 | 49.6 |
| 07:00 PM - 08:00 PM | 58.6 | 67.8 | 55.3 |
| 08:00 PM - 09:00 PM | 59.8 | 71.4 | 57.4 |
| 09:00 PM - 10:00 PM | 60.7 | 78.6 | 57.8 |
| 10:00 PM - 11:00 PM | 60.3 | 83.0 | 55.0 |
| 11:00 PM - 12:00 AM | 57.1 | 69.3 | 52.9 |
| 12:00 AM - 01:00 AM | 55.0 | 65.8 | 51.3 |
| 01:00 AM - 02:00 AM | 53.0 | 59.2 | 49.6 |
| 02:00 AM - 03:00 AM | 52.5 | 60.8 | 49.3 |
| 03:00 AM - 04:00 AM | 53.6 | 66.1 | 48.2 |
| 04:00 AM - 05:00 AM | 53.7 | 71.4 | 48.1 |
| 05:00 AM - 06:00 AM | 51.5 | 69.2 | 48.0 |
| 06:00 AM - 07:00 AM | 50.8 | 67.3 | 47.3 |
| 07:00 AM - 08:00 AM | 50.0 | 80.7 | 43.5 |
| 08:00 AM - 09:00 AM | 45.6 | 63.9 | 40.6 |
| 09:00 AM - 10:00 AM | 44.3 | 69.6 | 38.6 |
| 10:00 AM - 11:00 AM | 47.8 | 78.8 | 39.3 |
| 11:00 AM - 12:00 PM | 57.4 | 99.6 | 40.9 |
| 12:00 PM - 01:00 PM | 46.4 | 62.4 | 41.0 |
| Leq Average 24 hrs. (dB(A)) | 54.8 | | |
| Lmax (dB(A)) | | 99.6 | |
| L90 (dB(A)) | | | 47.3 |
| Ldn (dB(A)) | 61.6 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854732-1



| | |
|---|---|
| **Sample Number** | 23128860-31 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526) |
| **Measurement Date** | Nov 25 - Nov 26, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120937 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 44.0 | 64.4 | 38.6 |
| 02:00 PM - 03:00 PM | 46.4 | 73.9 | 39.3 |
| 03:00 PM - 04:00 PM | 43.0 | 59.3 | 38.3 |
| 04:00 PM - 05:00 PM | 47.0 | 73.9 | 41.9 |
| 05:00 PM - 06:00 PM | 47.7 | 68.5 | 43.9 |
| 06:00 PM - 07:00 PM | 54.5 | 66.9 | 50.8 |
| 07:00 PM - 08:00 PM | 57.3 | 67.8 | 54.2 |
| 08:00 PM - 09:00 PM | 56.4 | 62.9 | 52.9 |
| 09:00 PM - 10:00 PM | 55.5 | 73.8 | 50.5 |
| 10:00 PM - 11:00 PM | 56.6 | 62.2 | 51.6 |
| 11:00 PM - 12:00 AM | 58.4 | 78.4 | 50.2 |
| 12:00 AM - 01:00 AM | 56.0 | 71.3 | 50.3 |
| 01:00 AM - 02:00 AM | 55.6 | 60.6 | 50.5 |
| 02:00 AM - 03:00 AM | 55.1 | 59.9 | 50.8 |
| 03:00 AM - 04:00 AM | 49.9 | 63.6 | 48.1 |
| 04:00 AM - 05:00 AM | 48.3 | 59.4 | 46.2 |
| 05:00 AM - 06:00 AM | 49.8 | 64.9 | 46.9 |
| 06:00 AM - 07:00 AM | 50.4 | 67.7 | 47.8 |
| 07:00 AM - 08:00 AM | 48.3 | 63.7 | 43.8 |
| 08:00 AM - 09:00 AM | 47.5 | 70.5 | 40.8 |
| 09:00 AM - 10:00 AM | 46.5 | 64.1 | 40.7 |
| 10:00 AM - 11:00 AM | 45.0 | 66.7 | 39.5 |
| 11:00 AM - 12:00 PM | 46.9 | 70.5 | 40.0 |
| 12:00 PM - 01:00 PM | 46.6 | 68.9 | 38.9 |
| Leq Average 24 hrs. (dB(A)) | 52.9 | | |
| Lmax (dB(A)) | | 78.4 | |
| L90 (dB(A)) | | | 46.2 |
| Ldn (dB(A)) | 60.7 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854733-1



| | |
|---|---|
| **Sample Number** | 23128860-32 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526) |
| **Measurement Date** | Nov 26 - Nov 27, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120937 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 44.6 | 64.1 | 39.6 |
| 02:00 PM - 03:00 PM | 46.1 | 71.6 | 39.4 |
| 03:00 PM - 04:00 PM | 44.3 | 65.4 | 38.7 |
| 04:00 PM - 05:00 PM | 49.4 | 76.3 | 41.0 |
| 05:00 PM - 06:00 PM | 47.0 | 66.3 | 42.1 |
| 06:00 PM - 07:00 PM | 55.7 | 73.7 | 53.8 |
| 07:00 PM - 08:00 PM | 59.1 | 66.4 | 57.3 |
| 08:00 PM - 09:00 PM | 56.4 | 61.7 | 53.9 |
| 09:00 PM - 10:00 PM | 53.1 | 73.5 | 51.6 |
| 10:00 PM - 11:00 PM | 53.8 | 64.9 | 49.7 |
| 11:00 PM - 12:00 AM | 50.2 | 61.2 | 47.4 |
| 12:00 AM - 01:00 AM | 50.6 | 66.9 | 48.5 |
| 01:00 AM - 02:00 AM | 53.1 | 63.0 | 49.2 |
| 02:00 AM - 03:00 AM | 53.1 | 59.2 | 49.0 |
| 03:00 AM - 04:00 AM | 51.4 | 59.7 | 48.5 |
| 04:00 AM - 05:00 AM | 51.5 | 78.7 | 46.4 |
| 05:00 AM - 06:00 AM | 52.3 | 72.8 | 48.8 |
| 06:00 AM - 07:00 AM | 48.7 | 70.3 | 46.2 |
| 07:00 AM - 08:00 AM | 54.9 | 77.7 | 47.2 |
| 08:00 AM - 09:00 AM | 51.1 | 78.9 | 44.6 |
| 09:00 AM - 10:00 AM | 46.6 | 68.8 | 42.3 |
| 10:00 AM - 11:00 AM | 45.3 | 70.9 | 40.9 |
| 11:00 AM - 12:00 PM | 44.1 | 61.5 | 40.4 |
| 12:00 PM - 01:00 PM | 56.1 | 78.8 | 44.4 |
| Leq Average 24 hrs. (dB(A)) | 52.6 | | |
| Lmax (dB(A)) | | 78.9 | |
| L90 (dB(A)) | | | 46.4 |
| Ldn (dB(A)) | 58.5 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854734-1



| | |
|---|---|
| **Sample Number** | 23128860-33 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526) |
| **Measurement Date** | Nov 27 - Nov 28, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120937 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 44.5 | 62.2 | 40.2 |
| 02:00 PM - 03:00 PM | 55.0 | 75.7 | 43.4 |
| 03:00 PM - 04:00 PM | 56.7 | 80.4 | 45.5 |
| 04:00 PM - 05:00 PM | 49.4 | 75.5 | 42.1 |
| 05:00 PM - 06:00 PM | 48.9 | 74.5 | 44.3 |
| 06:00 PM - 07:00 PM | 63.9 | 77.2 | 57.1 |
| 07:00 PM - 08:00 PM | 63.7 | 70.5 | 57.2 |
| 08:00 PM - 09:00 PM | 58.9 | 66.1 | 56.7 |
| 09:00 PM - 10:00 PM | 59.7 | 82.1 | 53.6 |
| 10:00 PM - 11:00 PM | 54.2 | 68.1 | 51.3 |
| 11:00 PM - 12:00 AM | 53.4 | 62.1 | 50.4 |
| 12:00 AM - 01:00 AM | 52.2 | 65.2 | 47.8 |
| 01:00 AM - 02:00 AM | 55.7 | 62.9 | 50.6 |
| 02:00 AM - 03:00 AM | 58.9 | 82.5 | 49.5 |
| 03:00 AM - 04:00 AM | 52.0 | 65.5 | 47.0 |
| 04:00 AM - 05:00 AM | 51.3 | 73.7 | 44.6 |
| 05:00 AM - 06:00 AM | 55.0 | 79.3 | 48.7 |
| 06:00 AM - 07:00 AM | 52.6 | 70.0 | 45.9 |
| 07:00 AM - 08:00 AM | 56.2 | 78.2 | 48.0 |
| 08:00 AM - 09:00 AM | 47.9 | 80.4 | 40.9 |
| 09:00 AM - 10:00 AM | 45.8 | 65.0 | 39.6 |
| 10:00 AM - 11:00 AM | 46.9 | 67.5 | 40.9 |
| 11:00 AM - 12:00 PM | 50.7 | 72.2 | 40.2 |
| 12:00 PM - 01:00 PM | 62.0 | 82.0 | 50.2 |
| Leq Average 24 hrs. (dB(A)) | 57.1 | | |
| Lmax (dB(A)) | | 82.5 | |
| L90 (dB(A)) | | | 47.0 |
| Ldn (dB(A)) | 61.7 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854735-1



| | |
|---|---|
| **Sample Number** | 23128860-34 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526) |
| **Measurement Date** | Nov 28 - Nov 29, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120937 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 45.4 | 67.0 | 39.4 |
| 02:00 PM - 03:00 PM | 59.0 | 88.3 | 46.7 |
| 03:00 PM - 04:00 PM | 58.8 | 83.6 | 46.7 |
| 04:00 PM - 05:00 PM | 56.9 | 82.7 | 46.6 |
| 05:00 PM - 06:00 PM | 49.7 | 70.1 | 42.7 |
| 06:00 PM - 07:00 PM | 55.1 | 70.8 | 52.0 |
| 07:00 PM - 08:00 PM | 63.0 | 70.8 | 56.2 |
| 08:00 PM - 09:00 PM | 57.0 | 74.9 | 53.0 |
| 09:00 PM - 10:00 PM | 56.7 | 66.6 | 50.6 |
| 10:00 PM - 11:00 PM | 55.4 | 77.7 | 45.7 |
| 11:00 PM - 12:00 AM | 51.6 | 68.3 | 44.8 |
| 12:00 AM - 01:00 AM | 47.3 | 60.5 | 44.3 |
| 01:00 AM - 02:00 AM | 46.3 | 62.9 | 44.3 |
| 02:00 AM - 03:00 AM | 46.1 | 60.9 | 42.9 |
| 03:00 AM - 04:00 AM | 46.2 | 62.1 | 43.0 |
| 04:00 AM - 05:00 AM | 45.8 | 66.1 | 42.9 |
| 05:00 AM - 06:00 AM | 47.0 | 65.1 | 44.1 |
| 06:00 AM - 07:00 AM | 50.6 | 76.1 | 46.2 |
| 07:00 AM - 08:00 AM | 56.6 | 79.6 | 49.3 |
| 08:00 AM - 09:00 AM | 47.9 | 72.4 | 42.9 |
| 09:00 AM - 10:00 AM | 49.5 | 82.7 | 43.2 |
| 10:00 AM - 11:00 AM | 52.4 | 81.5 | 41.2 |
| 11:00 AM - 12:00 PM | 48.9 | 74.7 | 41.0 |
| 12:00 PM - 01:00 PM | 49.2 | 77.0 | 41.2 |
| Leq Average 24 hrs. (dB(A)) | 54.8 | | |
| Lmax (dB(A)) | | 88.3 | |
| L90 (dB(A)) | | | 44.3 |
| Ldn (dB(A)) | 58.0 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128860**
Date Received : Dec 01, 2023
Date Reported : Dec 06, 2023
Report Number: 2854736-1



| | |
|---|---|
| **Sample Number** | 23128860-35 |
| **Parameter** | Noise (Leq 24 hrs.) |
| **Location** | โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526) |
| **Measurement Date** | Nov 29 - Nov 30, 2023 |
| **Measurement by** | Mongkon Phalathip |
| **Sound Level meter** | Serial No. 1120937 |

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 49.0 | 74.6 | 40.7 |
| 02:00 PM - 03:00 PM | 48.9 | 69.8 | 41.6 |
| 03:00 PM - 04:00 PM | 48.1 | 66.4 | 41.7 |
| 04:00 PM - 05:00 PM | 47.5 | 68.6 | 41.1 |
| 05:00 PM - 06:00 PM | 49.2 | 73.0 | 43.3 |
| 06:00 PM - 07:00 PM | 55.6 | 74.2 | 50.2 |
| 07:00 PM - 08:00 PM | 59.2 | 68.4 | 55.9 |
| 08:00 PM - 09:00 PM | 60.4 | 72.0 | 58.0 |
| 09:00 PM - 10:00 PM | 61.3 | 79.2 | 58.4 |
| 10:00 PM - 11:00 PM | 60.9 | 83.6 | 55.6 |
| 11:00 PM - 12:00 AM | 57.7 | 69.9 | 53.5 |
| 12:00 AM - 01:00 AM | 55.6 | 66.4 | 51.9 |
| 01:00 AM - 02:00 AM | 53.6 | 59.8 | 50.2 |
| 02:00 AM - 03:00 AM | 53.1 | 61.4 | 49.9 |
| 03:00 AM - 04:00 AM | 54.2 | 66.7 | 48.8 |
| 04:00 AM - 05:00 AM | 54.3 | 72.0 | 48.7 |
| 05:00 AM - 06:00 AM | 52.1 | 69.8 | 48.6 |
| 06:00 AM - 07:00 AM | 51.4 | 67.9 | 47.9 |
| 07:00 AM - 08:00 AM | 50.6 | 81.3 | 44.1 |
| 08:00 AM - 09:00 AM | 46.2 | 64.5 | 41.2 |
| 09:00 AM - 10:00 AM | 44.9 | 70.2 | 39.2 |
| 10:00 AM - 11:00 AM | 48.4 | 79.4 | 39.9 |
| 11:00 AM - 12:00 PM | 58.0 | 100.2 | 41.5 |
| 12:00 PM - 01:00 PM | 47.0 | 63.0 | 41.6 |
| Leq Average 24 hrs. (dB(A)) | 55.4 | | |
| Lmax (dB(A)) | | 100.2 | |
| L90 (dB(A)) | | | 47.9 |
| Ldn (dB(A)) | 62.2 | | |
| Standard (dB(A)) | 70 | 115 | |

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

**Technical Management**
Thanita Kulsuriwong
Scientist (4)

**Approved by**
Supot Salamteh
Section Head

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854737-1



**Sample Number** 23128868-1
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 12:00 PM - 12:05 PM | 44.8 | 37.5 | 02:40 PM - 02:45 PM | 42.4 | 32.5 | 05:20 PM - 05:25 PM | 45.5 | 38.7 |
| 12:05 PM - 12:10 PM | 44.4 | 39.4 | 02:45 PM - 02:50 PM | 45.4 | 36.4 | 05:25 PM - 05:30 PM | 43.6 | 39.0 |
| 12:10 PM - 12:15 PM | 44.3 | 38.0 | 02:50 PM - 02:55 PM | 46.6 | 38.2 | 05:30 PM - 05:35 PM | 46.3 | 40.0 |
| 12:15 PM - 12:20 PM | 52.9 | 39.2 | 02:55 PM - 03:00 PM | 44.0 | 35.4 | 05:35 PM - 05:40 PM | 43.7 | 39.0 |
| 12:20 PM - 12:25 PM | 54.3 | 42.5 | 03:00 PM - 03:05 PM | 42.7 | 36.2 | 05:40 PM - 05:45 PM | 47.0 | 39.3 |
| 12:25 PM - 12:30 PM | 44.3 | 39.8 | 03:05 PM - 03:10 PM | 47.1 | 36.0 | 05:45 PM - 05:50 PM | 46.9 | 37.8 |
| 12:30 PM - 12:35 PM | 45.4 | 36.9 | 03:10 PM - 03:15 PM | 54.4 | 35.6 | 05:50 PM - 05:55 PM | 48.8 | 40.3 |
| 12:35 PM - 12:40 PM | 48.2 | 42.1 | 03:15 PM - 03:20 PM | 42.5 | 36.6 | 05:55 PM - 06:00 PM | 45.5 | 40.6 |
| 12:40 PM - 12:45 PM | 44.7 | 37.4 | 03:20 PM - 03:25 PM | 46.6 | 35.5 | 06:00 PM - 06:05 PM | 44.9 | 38.5 |
| 12:45 PM - 12:50 PM | 46.5 | 39.4 | 03:25 PM - 03:30 PM | 46.6 | 34.7 | 06:05 PM - 06:10 PM | 44.1 | 39.3 |
| 12:50 PM - 12:55 PM | 46.1 | 41.0 | 03:30 PM - 03:35 PM | 41.8 | 36.7 | 06:10 PM - 06:15 PM | 45.5 | 39.6 |
| 12:55 PM - 01:00 PM | 44.5 | 38.2 | 03:35 PM - 03:40 PM | 46.2 | 36.7 | 06:15 PM - 06:20 PM | 44.0 | 39.2 |
| 01:00 PM - 01:05 PM | 44.7 | 38.9 | 03:40 PM - 03:45 PM | 41.9 | 37.8 | 06:20 PM - 06:25 PM | 46.1 | 38.4 |
| 01:05 PM - 01:10 PM | 44.3 | 37.1 | 03:45 PM - 03:50 PM | 41.0 | 36.3 | 06:25 PM - 06:30 PM | 45.2 | 39.5 |
| 01:10 PM - 01:15 PM | 46.7 | 38.6 | 03:50 PM - 03:55 PM | 46.0 | 36.6 | 06:30 PM - 06:35 PM | 42.8 | 38.6 |
| 01:15 PM - 01:20 PM | 51.4 | 34.6 | 03:55 PM - 04:00 PM | 44.6 | 36.9 | 06:35 PM - 06:40 PM | 45.1 | 38.9 |
| 01:20 PM - 01:25 PM | 41.3 | 34.5 | 04:00 PM - 04:05 PM | 45.2 | 37.8 | 06:40 PM - 06:45 PM | 43.9 | 39.2 |
| 01:25 PM - 01:30 PM | 43.9 | 37.8 | 04:05 PM - 04:10 PM | 40.7 | 35.5 | 06:45 PM - 06:50 PM | 46.0 | 39.8 |
| 01:30 PM - 01:35 PM | 43.0 | 37.6 | 04:10 PM - 04:15 PM | 40.7 | 35.0 | 06:50 PM - 06:55 PM | 45.5 | 39.0 |
| 01:35 PM - 01:40 PM | 39.9 | 35.4 | 04:15 PM - 04:20 PM | 43.1 | 34.7 | 06:55 PM - 07:00 PM | 43.2 | 39.6 |
| 01:40 PM - 01:45 PM | 41.4 | 35.4 | 04:20 PM - 04:25 PM | 48.3 | 32.7 | 07:00 PM - 07:05 PM | 46.5 | 39.2 |
| 01:45 PM - 01:50 PM | 39.7 | 33.9 | 04:25 PM - 04:30 PM | 42.2 | 33.8 | 07:05 PM - 07:10 PM | 47.4 | 40.0 |
| 01:50 PM - 01:55 PM | 43.7 | 34.5 | 04:30 PM - 04:35 PM | 41.0 | 34.6 | 07:10 PM - 07:15 PM | 44.7 | 40.1 |
| 01:55 PM - 02:00 PM | 42.4 | 34.3 | 04:35 PM - 04:40 PM | 42.2 | 34.8 | 07:15 PM - 07:20 PM | 46.3 | 40.8 |
| 02:00 PM - 02:05 PM | 43.0 | 36.2 | 04:40 PM - 04:45 PM | 52.0 | 36.6 | 07:20 PM - 07:25 PM | 47.3 | 41.6 |
| 02:05 PM - 02:10 PM | 39.3 | 33.5 | 04:45 PM - 04:50 PM | 44.5 | 35.2 | 07:25 PM - 07:30 PM | 47.2 | 41.5 |
| 02:10 PM - 02:15 PM | 40.3 | 36.4 | 04:50 PM - 04:55 PM | 40.6 | 34.3 | 07:30 PM - 07:35 PM | 43.7 | 41.2 |
| 02:15 PM - 02:20 PM | 41.4 | 38.2 | 04:55 PM - 05:00 PM | 41.9 | 36.1 | 07:35 PM - 07:40 PM | 44.1 | 39.8 |
| 02:20 PM - 02:25 PM | 44.7 | 35.3 | 05:00 PM - 05:05 PM | 45.5 | 36.8 | 07:40 PM - 07:45 PM | 48.4 | 40.0 |
| 02:25 PM - 02:30 PM | 57.8 | 35.3 | 05:05 PM - 05:10 PM | 46.7 | 38.1 | 07:45 PM - 07:50 PM | 42.9 | 39.5 |
| 02:30 PM - 02:35 PM | 55.9 | 34.8 | 05:10 PM - 05:15 PM | 46.1 | 39.7 | 07:50 PM - 07:55 PM | 42.6 | 38.9 |
| 02:35 PM - 02:40 PM | 58.6 | 32.8 | 05:15 PM - 05:20 PM | 49.3 | 40.0 | 07:55 PM - 08:00 PM | 43.7 | 40.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854737-1



**Sample Number** 23128868-1
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23 - Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 08:00 PM - 08:05 PM | 43.0 | 40.2 | 10:40 PM - 10:45 PM | 38.9 | 36.5 | 01:20 AM - 01:25 AM | 36.7 | 35.3 |
| 08:05 PM - 08:10 PM | 44.0 | 40.6 | 10:45 PM - 10:50 PM | 51.1 | 38.1 | 01:25 AM - 01:30 AM | 35.6 | 35.0 |
| 08:10 PM - 08:15 PM | 48.3 | 40.9 | 10:50 PM - 10:55 PM | 39.9 | 36.5 | 01:30 AM - 01:35 AM | 36.2 | 35.1 |
| 08:15 PM - 08:20 PM | 44.1 | 40.7 | 10:55 PM - 11:00 PM | 38.4 | 36.6 | 01:35 AM - 01:40 AM | 35.3 | 34.2 |
| 08:20 PM - 08:25 PM | 44.4 | 40.9 | 11:00 PM - 11:05 PM | 39.7 | 36.5 | 01:40 AM - 01:45 AM | 37.8 | 34.9 |
| 08:25 PM - 08:30 PM | 44.6 | 40.9 | 11:05 PM - 11:10 PM | 46.4 | 36.3 | 01:45 AM - 01:50 AM | 39.1 | 35.3 |
| 08:30 PM - 08:35 PM | 49.5 | 40.7 | 11:10 PM - 11:15 PM | 52.0 | 36.6 | 01:50 AM - 01:55 AM | 38.9 | 35.6 |
| 08:35 PM - 08:40 PM | 42.4 | 40.2 | 11:15 PM - 11:20 PM | 37.5 | 36.3 | 01:55 AM - 02:00 AM | 37.2 | 34.6 |
| 08:40 PM - 08:45 PM | 45.8 | 39.3 | 11:20 PM - 11:25 PM | 39.1 | 36.2 | 02:00 AM - 02:05 AM | 63.6 | 36.9 |
| 08:45 PM - 08:50 PM | 40.4 | 38.4 | 11:25 PM - 11:30 PM | 36.9 | 35.7 | 02:05 AM - 02:10 AM | 41.7 | 37.5 |
| 08:50 PM - 08:55 PM | 43.0 | 37.8 | 11:30 PM - 11:35 PM | 38.9 | 36.2 | 02:10 AM - 02:15 AM | 42.7 | 36.9 |
| 08:55 PM - 09:00 PM | 41.6 | 38.5 | 11:35 PM - 11:40 PM | 38.1 | 35.4 | 02:15 AM - 02:20 AM | 38.9 | 36.3 |
| 09:00 PM - 09:05 PM | 42.0 | 38.5 | 11:40 PM - 11:45 PM | 37.1 | 35.5 | 02:20 AM - 02:25 AM | 38.3 | 34.8 |
| 09:05 PM - 09:10 PM | 41.0 | 38.4 | 11:45 PM - 11:50 PM | 38.1 | 35.7 | 02:25 AM - 02:30 AM | 39.2 | 35.1 |
| 09:10 PM - 09:15 PM | 41.5 | 39.2 | 11:50 PM - 11:55 PM | 37.6 | 34.7 | 02:30 AM - 02:35 AM | 38.2 | 37.0 |
| 09:15 PM - 09:20 PM | 41.5 | 38.8 | 11:55 PM - 12:00 AM | 40.5 | 34.1 | 02:35 AM - 02:40 AM | 39.0 | 37.3 |
| 09:20 PM - 09:25 PM | 40.7 | 38.3 | 12:00 AM - 12:05 AM | 36.8 | 34.8 | 02:40 AM - 02:45 AM | 38.5 | 37.5 |
| 09:25 PM - 09:30 PM | 42.7 | 37.9 | 12:05 AM - 12:10 AM | 36.3 | 34.5 | 02:45 AM - 02:50 AM | 45.5 | 38.7 |
| 09:30 PM - 09:35 PM | 42.6 | 38.1 | 12:10 AM - 12:15 AM | 36.9 | 34.8 | 02:50 AM - 02:55 AM | 38.6 | 36.9 |
| 09:35 PM - 09:40 PM | 40.7 | 37.5 | 12:15 AM - 12:20 AM | 38.2 | 34.5 | 02:55 AM - 03:00 AM | 37.5 | 35.3 |
| 09:40 PM - 09:45 PM | 39.0 | 37.6 | 12:20 AM - 12:25 AM | 36.2 | 33.7 | 03:00 AM - 03:05 AM | 36.7 | 35.4 |
| 09:45 PM - 09:50 PM | 39.9 | 37.7 | 12:25 AM - 12:30 AM | 35.2 | 32.9 | 03:05 AM - 03:10 AM | 63.1 | 37.1 |
| 09:50 PM - 09:55 PM | 50.9 | 37.2 | 12:30 AM - 12:35 AM | 45.6 | 34.5 | 03:10 AM - 03:15 AM | 62.8 | 38.4 |
| 09:55 PM - 10:00 PM | 40.2 | 37.6 | 12:35 AM - 12:40 AM | 34.1 | 33.3 | 03:15 AM - 03:20 AM | 38.2 | 36.8 |
| 10:00 PM - 10:05 PM | 43.0 | 37.3 | 12:40 AM - 12:45 AM | 36.9 | 34.4 | 03:20 AM - 03:25 AM | 38.3 | 37.0 |
| 10:05 PM - 10:10 PM | 39.3 | 37.0 | 12:45 AM - 12:50 AM | 37.0 | 34.0 | 03:25 AM - 03:30 AM | 46.2 | 37.2 |
| 10:10 PM - 10:15 PM | 39.5 | 36.8 | 12:50 AM - 12:55 AM | 44.7 | 34.0 | 03:30 AM - 03:35 AM | 42.2 | 37.7 |
| 10:15 PM - 10:20 PM | 40.7 | 36.8 | 12:55 AM - 01:00 AM | 40.0 | 35.1 | 03:35 AM - 03:40 AM | 37.6 | 36.1 |
| 10:20 PM - 10:25 PM | 41.3 | 36.0 | 01:00 AM - 01:05 AM | 35.1 | 33.9 | 03:40 AM - 03:45 AM | 37.8 | 36.5 |
| 10:25 PM - 10:30 PM | 47.0 | 38.3 | 01:05 AM - 01:10 AM | 35.6 | 34.0 | 03:45 AM - 03:50 AM | 38.8 | 37.6 |
| 10:30 PM - 10:35 PM | 37.7 | 36.0 | 01:10 AM - 01:15 AM | 34.9 | 33.4 | 03:50 AM - 03:55 AM | 36.6 | 35.6 |
| 10:35 PM - 10:40 PM | 41.7 | 37.3 | 01:15 AM - 01:20 AM | 36.8 | 35.3 | 03:55 AM - 04:00 AM | 47.9 | 35.3 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854737-1



**Sample Number** 23128868-1
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 04:00 AM - 04:05 AM | 39.8 | 35.4 | 06:40 AM - 06:45 AM | 50.7 | 40.5 | 09:20 AM - 09:25 AM | 43.2 | 38.0 |
| 04:05 AM - 04:10 AM | 38.4 | 35.7 | 06:45 AM - 06:50 AM | 46.6 | 41.9 | 09:25 AM - 09:30 AM | 47.8 | 38.8 |
| 04:10 AM - 04:15 AM | 37.8 | 36.6 | 06:50 AM - 06:55 AM | 53.3 | 42.2 | 09:30 AM - 09:35 AM | 43.5 | 36.8 |
| 04:15 AM - 04:20 AM | 41.2 | 36.7 | 06:55 AM - 07:00 AM | 48.9 | 41.3 | 09:35 AM - 09:40 AM | 44.9 | 38.3 |
| 04:20 AM - 04:25 AM | 39.7 | 35.5 | 07:00 AM - 07:05 AM | 48.7 | 41.7 | 09:40 AM - 09:45 AM | 45.3 | 38.0 |
| 04:25 AM - 04:30 AM | 52.0 | 35.2 | 07:05 AM - 07:10 AM | 48.3 | 41.6 | 09:45 AM - 09:50 AM | 48.0 | 38.6 |
| 04:30 AM - 04:35 AM | 46.1 | 35.1 | 07:10 AM - 07:15 AM | 46.6 | 41.7 | 09:50 AM - 09:55 AM | 44.8 | 39.6 |
| 04:35 AM - 04:40 AM | 41.4 | 35.5 | 07:15 AM - 07:20 AM | 47.4 | 42.3 | 09:55 AM - 10:00 AM | 46.2 | 39.8 |
| 04:40 AM - 04:45 AM | 44.1 | 36.6 | 07:20 AM - 07:25 AM | 49.4 | 42.7 | 10:00 AM - 10:05 AM | 50.8 | 38.6 |
| 04:45 AM - 04:50 AM | 45.4 | 35.5 | 07:25 AM - 07:30 AM | 52.8 | 41.4 | 10:05 AM - 10:10 AM | 46.0 | 42.6 |
| 04:50 AM - 04:55 AM | 49.9 | 35.1 | 07:30 AM - 07:35 AM | 50.0 | 42.6 | 10:10 AM - 10:15 AM | 50.7 | 43.9 |
| 04:55 AM - 05:00 AM | 50.0 | 35.9 | 07:35 AM - 07:40 AM | 46.9 | 42.0 | 10:15 AM - 10:20 AM | 45.8 | 40.6 |
| 05:00 AM - 05:05 AM | 45.3 | 36.0 | 07:40 AM - 07:45 AM | 49.4 | 41.6 | 10:20 AM - 10:25 AM | 45.3 | 40.1 |
| 05:05 AM - 05:10 AM | 46.2 | 35.8 | 07:45 AM - 07:50 AM | 46.6 | 39.5 | 10:25 AM - 10:30 AM | 58.3 | 41.2 |
| 05:10 AM - 05:15 AM | 57.2 | 35.3 | 07:50 AM - 07:55 AM | 46.4 | 37.4 | 10:30 AM - 10:35 AM | 53.1 | 36.8 |
| 05:15 AM - 05:20 AM | 48.2 | 36.7 | 07:55 AM - 08:00 AM | 43.7 | 37.4 | 10:35 AM - 10:40 AM | 42.4 | 35.5 |
| 05:20 AM - 05:25 AM | 44.9 | 37.1 | 08:00 AM - 08:05 AM | 45.1 | 37.1 | 10:40 AM - 10:45 AM | 40.5 | 35.5 |
| 05:25 AM - 05:30 AM | 51.3 | 37.8 | 08:05 AM - 08:10 AM | 44.5 | 38.6 | 10:45 AM - 10:50 AM | 40.2 | 34.3 |
| 05:30 AM - 05:35 AM | 47.2 | 38.0 | 08:10 AM - 08:15 AM | 44.7 | 38.7 | 10:50 AM - 10:55 AM | 43.8 | 36.7 |
| 05:35 AM - 05:40 AM | 46.8 | 37.4 | 08:15 AM - 08:20 AM | 44.5 | 38.1 | 10:55 AM - 11:00 AM | 41.3 | 34.1 |
| 05:40 AM - 05:45 AM | 45.9 | 38.0 | 08:20 AM - 08:25 AM | 50.6 | 39.5 | 11:00 AM - 11:05 AM | 42.2 | 35.3 |
| 05:45 AM - 05:50 AM | 52.0 | 38.7 | 08:25 AM - 08:30 AM | 48.2 | 38.8 | 11:05 AM - 11:10 AM | 42.7 | 36.0 |
| 05:50 AM - 05:55 AM | 51.2 | 38.8 | 08:30 AM - 08:35 AM | 52.7 | 38.6 | 11:10 AM - 11:15 AM | 41.2 | 34.2 |
| 05:55 AM - 06:00 AM | 48.9 | 38.9 | 08:35 AM - 08:40 AM | 54.2 | 38.0 | 11:15 AM - 11:20 AM | 42.2 | 34.5 |
| 06:00 AM - 06:05 AM | 47.1 | 38.4 | 08:40 AM - 08:45 AM | 46.2 | 38.1 | 11:20 AM - 11:25 AM | 44.6 | 37.9 |
| 06:05 AM - 06:10 AM | 44.0 | 38.7 | 08:45 AM - 08:50 AM | 45.7 | 38.9 | 11:25 AM - 11:30 AM | 41.2 | 37.0 |
| 06:10 AM - 06:15 AM | 45.7 | 39.9 | 08:50 AM - 08:55 AM | 43.6 | 38.0 | 11:30 AM - 11:35 AM | 42.2 | 36.4 |
| 06:15 AM - 06:20 AM | 46.8 | 41.5 | 08:55 AM - 09:00 AM | 45.3 | 37.8 | 11:35 AM - 11:40 AM | 43.5 | 34.0 |
| 06:20 AM - 06:25 AM | 52.7 | 41.5 | 09:00 AM - 09:05 AM | 45.0 | 37.8 | 11:40 AM - 11:45 AM | 53.7 | 36.1 |
| 06:25 AM - 06:30 AM | 46.2 | 40.8 | 09:05 AM - 09:10 AM | 42.0 | 35.5 | 11:45 AM - 11:50 AM | 45.7 | 36.9 |
| 06:30 AM - 06:35 AM | 47.6 | 40.7 | 09:10 AM - 09:15 AM | 43.7 | 36.6 | 11:50 AM - 11:55 AM | 44.1 | 36.3 |
| 06:35 AM - 06:40 AM | 47.1 | 40.4 | 09:15 AM - 09:20 AM | 45.6 | 39.6 | 11:55 AM - 12:00 PM | 43.3 | 37.0 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854738-1



**Sample Number** 23128868-2
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 12:00 PM - 12:05 PM | 42.3 | 37.8 | 02:40 PM - 02:45 PM | 41.3 | 34.3 | 05:20 PM - 05:25 PM | 47.5 | 41.1 |
| 12:05 PM - 12:10 PM | 40.8 | 35.3 | 02:45 PM - 02:50 PM | 40.7 | 33.5 | 05:25 PM - 05:30 PM | 51.2 | 39.9 |
| 12:10 PM - 12:15 PM | 43.4 | 35.9 | 02:50 PM - 02:55 PM | 42.2 | 36.1 | 05:30 PM - 05:35 PM | 51.7 | 38.9 |
| 12:15 PM - 12:20 PM | 43.4 | 35.1 | 02:55 PM - 03:00 PM | 41.6 | 36.5 | 05:35 PM - 05:40 PM | 45.0 | 36.4 |
| 12:20 PM - 12:25 PM | 44.7 | 36.7 | 03:00 PM - 03:05 PM | 41.8 | 37.0 | 05:40 PM - 05:45 PM | 45.5 | 37.9 |
| 12:25 PM - 12:30 PM | 42.0 | 35.6 | 03:05 PM - 03:10 PM | 48.2 | 37.6 | 05:45 PM - 05:50 PM | 46.0 | 39.3 |
| 12:30 PM - 12:35 PM | 44.3 | 36.1 | 03:10 PM - 03:15 PM | 49.6 | 36.9 | 05:50 PM - 05:55 PM | 43.1 | 37.9 |
| 12:35 PM - 12:40 PM | 45.1 | 38.9 | 03:15 PM - 03:20 PM | 45.7 | 37.3 | 05:55 PM - 06:00 PM | 43.2 | 38.6 |
| 12:40 PM - 12:45 PM | 41.9 | 37.5 | 03:20 PM - 03:25 PM | 41.8 | 33.4 | 06:00 PM - 06:05 PM | 42.5 | 36.0 |
| 12:45 PM - 12:50 PM | 43.0 | 37.8 | 03:25 PM - 03:30 PM | 47.4 | 35.0 | 06:05 PM - 06:10 PM | 52.2 | 37.8 |
| 12:50 PM - 12:55 PM | 42.1 | 35.9 | 03:30 PM - 03:35 PM | 42.2 | 34.6 | 06:10 PM - 06:15 PM | 43.9 | 38.4 |
| 12:55 PM - 01:00 PM | 43.7 | 37.4 | 03:35 PM - 03:40 PM | 44.8 | 33.2 | 06:15 PM - 06:20 PM | 43.3 | 39.0 |
| 01:00 PM - 01:05 PM | 45.3 | 37.4 | 03:40 PM - 03:45 PM | 44.9 | 40.6 | 06:20 PM - 06:25 PM | 44.1 | 39.6 |
| 01:05 PM - 01:10 PM | 41.7 | 34.4 | 03:45 PM - 03:50 PM | 50.2 | 38.7 | 06:25 PM - 06:30 PM | 44.5 | 39.8 |
| 01:10 PM - 01:15 PM | 42.1 | 35.4 | 03:50 PM - 03:55 PM | 45.1 | 36.9 | 06:30 PM - 06:35 PM | 47.1 | 40.5 |
| 01:15 PM - 01:20 PM | 41.2 | 35.1 | 03:55 PM - 04:00 PM | 47.1 | 37.9 | 06:35 PM - 06:40 PM | 44.6 | 40.5 |
| 01:20 PM - 01:25 PM | 43.8 | 35.1 | 04:00 PM - 04:05 PM | 44.5 | 40.4 | 06:40 PM - 06:45 PM | 59.8 | 41.2 |
| 01:25 PM - 01:30 PM | 42.2 | 35.5 | 04:05 PM - 04:10 PM | 45.3 | 37.5 | 06:45 PM - 06:50 PM | 47.2 | 41.2 |
| 01:30 PM - 01:35 PM | 45.6 | 36.9 | 04:10 PM - 04:15 PM | 45.2 | 38.8 | 06:50 PM - 06:55 PM | 46.1 | 40.9 |
| 01:35 PM - 01:40 PM | 39.8 | 32.5 | 04:15 PM - 04:20 PM | 45.6 | 38.6 | 06:55 PM - 07:00 PM | 44.8 | 40.2 |
| 01:40 PM - 01:45 PM | 41.8 | 36.0 | 04:20 PM - 04:25 PM | 43.6 | 37.8 | 07:00 PM - 07:05 PM | 42.5 | 39.4 |
| 01:45 PM - 01:50 PM | 48.1 | 38.1 | 04:25 PM - 04:30 PM | 46.0 | 38.7 | 07:05 PM - 07:10 PM | 45.0 | 40.5 |
| 01:50 PM - 01:55 PM | 48.5 | 40.1 | 04:30 PM - 04:35 PM | 44.2 | 39.1 | 07:10 PM - 07:15 PM | 45.5 | 40.5 |
| 01:55 PM - 02:00 PM | 49.1 | 44.3 | 04:35 PM - 04:40 PM | 43.4 | 36.6 | 07:15 PM - 07:20 PM | 42.6 | 39.9 |
| 02:00 PM - 02:05 PM | 44.3 | 39.8 | 04:40 PM - 04:45 PM | 44.7 | 37.8 | 07:20 PM - 07:25 PM | 48.1 | 39.9 |
| 02:05 PM - 02:10 PM | 41.0 | 34.6 | 04:45 PM - 04:50 PM | 41.7 | 37.1 | 07:25 PM - 07:30 PM | 47.4 | 41.4 |
| 02:10 PM - 02:15 PM | 39.8 | 34.3 | 04:50 PM - 04:55 PM | 47.0 | 38.3 | 07:30 PM - 07:35 PM | 48.0 | 41.3 |
| 02:15 PM - 02:20 PM | 41.3 | 34.1 | 04:55 PM - 05:00 PM | 46.8 | 37.4 | 07:35 PM - 07:40 PM | 43.4 | 40.5 |
| 02:20 PM - 02:25 PM | 44.0 | 35.6 | 05:00 PM - 05:05 PM | 47.0 | 37.5 | 07:40 PM - 07:45 PM | 45.3 | 40.5 |
| 02:25 PM - 02:30 PM | 39.4 | 35.8 | 05:05 PM - 05:10 PM | 49.9 | 40.4 | 07:45 PM - 07:50 PM | 43.0 | 40.0 |
| 02:30 PM - 02:35 PM | 40.1 | 33.9 | 05:10 PM - 05:15 PM | 53.7 | 39.7 | 07:50 PM - 07:55 PM | 42.3 | 40.1 |
| 02:35 PM - 02:40 PM | 39.9 | 34.8 | 05:15 PM - 05:20 PM | 47.7 | 40.7 | 07:55 PM - 08:00 PM | 44.4 | 41.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854738-1



**Sample Number** 23128868-2
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24 - Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 08:00 PM - 08:05 PM | 44.1 | 41.0 | 10:40 PM - 10:45 PM | 64.6 | 39.7 | 01:20 AM - 01:25 AM | 39.2 | 34.7 |
| 08:05 PM - 08:10 PM | 44.9 | 42.1 | 10:45 PM - 10:50 PM | 63.6 | 36.9 | 01:25 AM - 01:30 AM | 38.4 | 35.7 |
| 08:10 PM - 08:15 PM | 45.8 | 42.2 | 10:50 PM - 10:55 PM | 64.8 | 40.1 | 01:30 AM - 01:35 AM | 41.7 | 36.1 |
| 08:15 PM - 08:20 PM | 43.6 | 41.4 | 10:55 PM - 11:00 PM | 50.8 | 38.0 | 01:35 AM - 01:40 AM | 38.5 | 35.3 |
| 08:20 PM - 08:25 PM | 44.0 | 41.5 | 11:00 PM - 11:05 PM | 42.0 | 38.7 | 01:40 AM - 01:45 AM | 38.4 | 35.2 |
| 08:25 PM - 08:30 PM | 44.2 | 41.7 | 11:05 PM - 11:10 PM | 40.5 | 38.2 | 01:45 AM - 01:50 AM | 41.3 | 35.1 |
| 08:30 PM - 08:35 PM | 44.0 | 41.1 | 11:10 PM - 11:15 PM | 40.2 | 38.1 | 01:50 AM - 01:55 AM | 37.6 | 35.6 |
| 08:35 PM - 08:40 PM | 44.9 | 41.6 | 11:15 PM - 11:20 PM | 39.6 | 37.7 | 01:55 AM - 02:00 AM | 38.3 | 35.7 |
| 08:40 PM - 08:45 PM | 42.5 | 40.7 | 11:20 PM - 11:25 PM | 46.1 | 38.3 | 02:00 AM - 02:05 AM | 39.8 | 35.4 |
| 08:45 PM - 08:50 PM | 44.0 | 41.5 | 11:25 PM - 11:30 PM | 63.8 | 38.1 | 02:05 AM - 02:10 AM | 41.3 | 35.3 |
| 08:50 PM - 08:55 PM | 43.9 | 41.7 | 11:30 PM - 11:35 PM | 41.1 | 38.2 | 02:10 AM - 02:15 AM | 37.2 | 34.6 |
| 08:55 PM - 09:00 PM | 44.4 | 42.7 | 11:35 PM - 11:40 PM | 39.5 | 37.3 | 02:15 AM - 02:20 AM | 44.4 | 35.5 |
| 09:00 PM - 09:05 PM | 44.1 | 42.3 | 11:40 PM - 11:45 PM | 42.3 | 37.3 | 02:20 AM - 02:25 AM | 38.2 | 35.9 |
| 09:05 PM - 09:10 PM | 44.5 | 41.1 | 11:45 PM - 11:50 PM | 47.2 | 37.4 | 02:25 AM - 02:30 AM | 36.5 | 34.8 |
| 09:10 PM - 09:15 PM | 44.3 | 40.7 | 11:50 PM - 11:55 PM | 41.8 | 36.5 | 02:30 AM - 02:35 AM | 43.7 | 34.7 |
| 09:15 PM - 09:20 PM | 44.2 | 41.4 | 11:55 PM - 12:00 AM | 41.2 | 36.9 | 02:35 AM - 02:40 AM | 36.6 | 34.5 |
| 09:20 PM - 09:25 PM | 43.6 | 41.5 | 12:00 AM - 12:05 AM | 42.7 | 37.9 | 02:40 AM - 02:45 AM | 36.0 | 34.6 |
| 09:25 PM - 09:30 PM | 45.8 | 41.4 | 12:05 AM - 12:10 AM | 38.5 | 35.0 | 02:45 AM - 02:50 AM | 36.4 | 34.8 |
| 09:30 PM - 09:35 PM | 41.5 | 39.7 | 12:10 AM - 12:15 AM | 39.1 | 36.4 | 02:50 AM - 02:55 AM | 36.6 | 35.5 |
| 09:35 PM - 09:40 PM | 44.4 | 40.0 | 12:15 AM - 12:20 AM | 38.3 | 36.4 | 02:55 AM - 03:00 AM | 37.8 | 35.0 |
| 09:40 PM - 09:45 PM | 42.5 | 39.3 | 12:20 AM - 12:25 AM | 38.6 | 36.0 | 03:00 AM - 03:05 AM | 36.1 | 33.9 |
| 09:45 PM - 09:50 PM | 41.2 | 39.1 | 12:25 AM - 12:30 AM | 36.7 | 35.5 | 03:05 AM - 03:10 AM | 36.6 | 33.6 |
| 09:50 PM - 09:55 PM | 44.6 | 38.7 | 12:30 AM - 12:35 AM | 38.3 | 35.7 | 03:10 AM - 03:15 AM | 35.9 | 32.4 |
| 09:55 PM - 10:00 PM | 40.8 | 39.0 | 12:35 AM - 12:40 AM | 37.6 | 35.3 | 03:15 AM - 03:20 AM | 51.9 | 34.7 |
| 10:00 PM - 10:05 PM | 42.0 | 39.2 | 12:40 AM - 12:45 AM | 37.2 | 35.5 | 03:20 AM - 03:25 AM | 45.8 | 34.2 |
| 10:05 PM - 10:10 PM | 41.2 | 39.5 | 12:45 AM - 12:50 AM | 40.4 | 36.3 | 03:25 AM - 03:30 AM | 38.7 | 34.6 |
| 10:10 PM - 10:15 PM | 45.0 | 39.7 | 12:50 AM - 12:55 AM | 48.5 | 34.4 | 03:30 AM - 03:35 AM | 37.7 | 35.3 |
| 10:15 PM - 10:20 PM | 41.8 | 39.5 | 12:55 AM - 01:00 AM | 37.6 | 35.3 | 03:35 AM - 03:40 AM | 42.4 | 35.3 |
| 10:20 PM - 10:25 PM | 45.5 | 40.0 | 01:00 AM - 01:05 AM | 37.3 | 35.9 | 03:40 AM - 03:45 AM | 36.2 | 34.3 |
| 10:25 PM - 10:30 PM | 45.4 | 39.5 | 01:05 AM - 01:10 AM | 43.9 | 35.7 | 03:45 AM - 03:50 AM | 38.5 | 34.3 |
| 10:30 PM - 10:35 PM | 42.4 | 39.5 | 01:10 AM - 01:15 AM | 38.5 | 35.3 | 03:50 AM - 03:55 AM | 39.5 | 36.0 |
| 10:35 PM - 10:40 PM | 41.8 | 38.5 | 01:15 AM - 01:20 AM | 38.0 | 35.4 | 03:55 AM - 04:00 AM | 40.8 | 35.9 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854738-1



**Sample Number** 23128868-2
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 04:00 AM - 04:05 AM | 46.9 | 35.1 | 06:40 AM - 06:45 AM | 45.5 | 40.2 | 09:20 AM - 09:25 AM | 44.5 | 37.1 |
| 04:05 AM - 04:10 AM | 48.4 | 34.1 | 06:45 AM - 06:50 AM | 50.3 | 40.1 | 09:25 AM - 09:30 AM | 45.3 | 38.6 |
| 04:10 AM - 04:15 AM | 35.7 | 33.7 | 06:50 AM - 06:55 AM | 60.7 | 40.0 | 09:30 AM - 09:35 AM | 44.9 | 38.7 |
| 04:15 AM - 04:20 AM | 38.5 | 34.8 | 06:55 AM - 07:00 AM | 44.3 | 42.0 | 09:35 AM - 09:40 AM | 45.0 | 39.6 |
| 04:20 AM - 04:25 AM | 39.7 | 35.7 | 07:00 AM - 07:05 AM | 46.9 | 42.8 | 09:40 AM - 09:45 AM | 44.6 | 39.3 |
| 04:25 AM - 04:30 AM | 51.9 | 34.8 | 07:05 AM - 07:10 AM | 46.5 | 42.4 | 09:45 AM - 09:50 AM | 45.0 | 40.7 |
| 04:30 AM - 04:35 AM | 45.8 | 34.4 | 07:10 AM - 07:15 AM | 48.4 | 43.7 | 09:50 AM - 09:55 AM | 48.3 | 39.8 |
| 04:35 AM - 04:40 AM | 41.9 | 34.5 | 07:15 AM - 07:20 AM | 48.0 | 43.5 | 09:55 AM - 10:00 AM | 45.4 | 40.7 |
| 04:40 AM - 04:45 AM | 45.1 | 35.2 | 07:20 AM - 07:25 AM | 52.7 | 43.6 | 10:00 AM - 10:05 AM | 43.7 | 39.7 |
| 04:45 AM - 04:50 AM | 48.0 | 35.7 | 07:25 AM - 07:30 AM | 47.4 | 42.8 | 10:05 AM - 10:10 AM | 45.1 | 41.4 |
| 04:50 AM - 04:55 AM | 41.0 | 36.8 | 07:30 AM - 07:35 AM | 47.4 | 43.2 | 10:10 AM - 10:15 AM | 50.3 | 39.7 |
| 04:55 AM - 05:00 AM | 40.2 | 37.2 | 07:35 AM - 07:40 AM | 47.1 | 43.5 | 10:15 AM - 10:20 AM | 50.2 | 41.3 |
| 05:00 AM - 05:05 AM | 46.3 | 35.9 | 07:40 AM - 07:45 AM | 46.6 | 43.0 | 10:20 AM - 10:25 AM | 44.8 | 39.3 |
| 05:05 AM - 05:10 AM | 48.7 | 36.0 | 07:45 AM - 07:50 AM | 48.0 | 42.0 | 10:25 AM - 10:30 AM | 48.4 | 40.5 |
| 05:10 AM - 05:15 AM | 43.1 | 37.0 | 07:50 AM - 07:55 AM | 50.1 | 42.0 | 10:30 AM - 10:35 AM | 44.3 | 39.9 |
| 05:15 AM - 05:20 AM | 40.7 | 36.7 | 07:55 AM - 08:00 AM | 47.7 | 41.9 | 10:35 AM - 10:40 AM | 51.2 | 41.7 |
| 05:20 AM - 05:25 AM | 38.8 | 36.8 | 08:00 AM - 08:05 AM | 46.5 | 42.1 | 10:40 AM - 10:45 AM | 49.2 | 40.8 |
| 05:25 AM - 05:30 AM | 40.9 | 36.2 | 08:05 AM - 08:10 AM | 47.1 | 43.2 | 10:45 AM - 10:50 AM | 46.8 | 41.5 |
| 05:30 AM - 05:35 AM | 50.3 | 36.8 | 08:10 AM - 08:15 AM | 44.3 | 41.8 | 10:50 AM - 10:55 AM | 44.7 | 38.8 |
| 05:35 AM - 05:40 AM | 51.0 | 37.9 | 08:15 AM - 08:19 AM | 46.7 | 42.9 | 10:55 AM - 11:00 AM | 44.0 | 39.7 |
| 05:40 AM - 05:45 AM | 49.2 | 37.7 | 08:20 AM - 08:25 AM | 45.9 | 42.2 | 11:00 AM - 11:05 AM | 44.0 | 39.1 |
| 05:45 AM - 05:50 AM | 49.9 | 38.5 | 08:25 AM - 08:30 AM | 49.0 | 42.1 | 11:05 AM - 11:10 AM | 42.4 | 37.0 |
| 05:50 AM - 05:55 AM | 52.7 | 38.6 | 08:30 AM - 08:35 AM | 46.6 | 42.6 | 11:10 AM - 11:15 AM | 48.9 | 39.1 |
| 05:55 AM - 06:00 AM | 50.1 | 39.4 | 08:35 AM - 08:40 AM | 46.3 | 42.7 | 11:15 AM - 11:20 AM | 47.8 | 36.9 |
| 06:00 AM - 06:05 AM | 43.0 | 38.2 | 08:40 AM - 08:45 AM | 47.8 | 44.3 | 11:20 AM - 11:25 AM | 42.1 | 37.6 |
| 06:05 AM - 06:10 AM | 46.0 | 39.3 | 08:45 AM - 08:50 AM | 49.0 | 43.1 | 11:25 AM - 11:30 AM | 43.2 | 37.3 |
| 06:10 AM - 06:15 AM | 47.4 | 38.9 | 08:50 AM - 08:55 AM | 46.3 | 42.6 | 11:30 AM - 11:35 AM | 49.9 | 39.0 |
| 06:15 AM - 06:20 AM | 44.3 | 39.8 | 08:55 AM - 09:00 AM | 53.8 | 42.7 | 11:35 AM - 11:40 AM | 44.5 | 37.9 |
| 06:20 AM - 06:25 AM | 44.9 | 39.9 | 09:00 AM - 09:05 AM | 64.1 | 42.1 | 11:40 AM - 11:45 AM | 50.2 | 38.3 |
| 06:25 AM - 06:30 AM | 45.4 | 39.1 | 09:05 AM - 09:10 AM | 64.5 | 42.6 | 11:45 AM - 11:50 AM | 56.6 | 38.8 |
| 06:30 AM - 06:35 AM | 46.1 | 39.4 | 09:10 AM - 09:15 AM | 46.6 | 39.2 | 11:50 AM - 11:55 AM | 44.8 | 39.5 |
| 06:35 AM - 06:40 AM | 47.5 | 41.2 | 09:15 AM - 09:20 AM | 45.6 | 38.5 | 11:55 AM - 12:00 PM | 44.1 | 36.3 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854739-1



**Sample Number** 23128868-3
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 12:00 PM - 12:05 PM | 44.5 | 37.2 | 02:40 PM - 02:45 PM | 42.6 | 36.7 | 05:20 PM - 05:25 PM | 46.0 | 39.6 |
| 12:05 PM - 12:10 PM | 44.1 | 39.1 | 02:45 PM - 02:50 PM | 41.9 | 35.2 | 05:25 PM - 05:30 PM | 46.9 | 40.7 |
| 12:10 PM - 12:15 PM | 44.0 | 37.7 | 02:50 PM - 02:55 PM | 43.5 | 37.7 | 05:30 PM - 05:35 PM | 45.4 | 39.5 |
| 12:15 PM - 12:20 PM | 52.6 | 38.9 | 02:55 PM - 03:00 PM | 45.1 | 37.0 | 05:35 PM - 05:40 PM | 45.1 | 39.8 |
| 12:20 PM - 12:25 PM | 54.0 | 42.2 | 03:00 PM - 03:05 PM | 40.7 | 34.4 | 05:40 PM - 05:45 PM | 45.1 | 39.2 |
| 12:25 PM - 12:30 PM | 44.0 | 39.5 | 03:05 PM - 03:10 PM | 42.3 | 35.6 | 05:45 PM - 05:50 PM | 46.7 | 39.8 |
| 12:30 PM - 12:35 PM | 45.1 | 36.6 | 03:10 PM - 03:15 PM | 40.3 | 35.3 | 05:50 PM - 05:55 PM | 44.9 | 38.8 |
| 12:35 PM - 12:40 PM | 47.9 | 41.8 | 03:15 PM - 03:20 PM | 46.0 | 35.0 | 05:55 PM - 06:00 PM | 43.0 | 38.3 |
| 12:40 PM - 12:45 PM | 44.4 | 37.1 | 03:20 PM - 03:25 PM | 53.5 | 35.4 | 06:00 PM - 06:05 PM | 46.5 | 38.7 |
| 12:45 PM - 12:50 PM | 46.2 | 39.1 | 03:25 PM - 03:30 PM | 40.7 | 35.0 | 06:05 PM - 06:10 PM | 44.4 | 39.2 |
| 12:50 PM - 12:55 PM | 45.8 | 40.7 | 03:30 PM - 03:35 PM | 42.9 | 34.6 | 06:10 PM - 06:15 PM | 45.4 | 39.7 |
| 12:55 PM - 01:00 PM | 44.2 | 37.9 | 03:35 PM - 03:40 PM | 46.1 | 34.7 | 06:15 PM - 06:20 PM | 45.7 | 43.8 |
| 01:00 PM - 01:05 PM | 44.4 | 38.6 | 03:40 PM - 03:45 PM | 50.3 | 36.9 | 06:20 PM - 06:25 PM | 47.5 | 43.9 |
| 01:05 PM - 01:10 PM | 44.0 | 36.8 | 03:45 PM - 03:50 PM | 40.8 | 35.7 | 06:25 PM - 06:30 PM | 50.1 | 45.0 |
| 01:10 PM - 01:15 PM | 46.4 | 38.3 | 03:50 PM - 03:55 PM | 41.1 | 36.3 | 06:30 PM - 06:35 PM | 49.9 | 44.7 |
| 01:15 PM - 01:20 PM | 43.7 | 37.5 | 03:55 PM - 04:00 PM | 42.4 | 36.3 | 06:35 PM - 06:40 PM | 48.1 | 44.3 |
| 01:20 PM - 01:25 PM | 44.0 | 39.4 | 04:00 PM - 04:05 PM | 43.2 | 37.4 | 06:40 PM - 06:45 PM | 48.4 | 44.0 |
| 01:25 PM - 01:30 PM | 46.5 | 35.3 | 04:05 PM - 04:10 PM | 46.4 | 38.2 | 06:45 PM - 06:50 PM | 50.0 | 44.7 |
| 01:30 PM - 01:35 PM | 41.5 | 35.5 | 04:10 PM - 04:15 PM | 45.5 | 38.1 | 06:50 PM - 06:55 PM | 48.0 | 43.4 |
| 01:35 PM - 01:40 PM | 45.4 | 36.3 | 04:15 PM - 04:20 PM | 44.9 | 38.2 | 06:55 PM - 07:00 PM | 45.8 | 42.7 |
| 01:40 PM - 01:45 PM | 41.8 | 35.7 | 04:20 PM - 04:25 PM | 45.6 | 37.2 | 07:00 PM - 07:05 PM | 52.0 | 45.8 |
| 01:45 PM - 01:50 PM | 42.3 | 38.1 | 04:25 PM - 04:30 PM | 47.4 | 38.0 | 07:05 PM - 07:10 PM | 51.3 | 46.0 |
| 01:50 PM - 01:55 PM | 41.7 | 35.8 | 04:30 PM - 04:35 PM | 46.6 | 38.6 | 07:10 PM - 07:15 PM | 50.5 | 45.0 |
| 01:55 PM - 02:00 PM | 41.8 | 36.1 | 04:35 PM - 04:40 PM | 44.9 | 39.2 | 07:15 PM - 07:20 PM | 52.0 | 49.1 |
| 02:00 PM - 02:05 PM | 40.5 | 34.9 | 04:40 PM - 04:45 PM | 48.0 | 38.0 | 07:20 PM - 07:25 PM | 51.9 | 46.1 |
| 02:05 PM - 02:10 PM | 47.5 | 36.3 | 04:45 PM - 04:50 PM | 41.9 | 38.0 | 07:25 PM - 07:30 PM | 51.0 | 45.3 |
| 02:10 PM - 02:15 PM | 44.9 | 37.1 | 04:50 PM - 04:55 PM | 50.6 | 38.2 | 07:30 PM - 07:35 PM | 51.8 | 45.0 |
| 02:15 PM - 02:20 PM | 43.1 | 35.4 | 04:55 PM - 05:00 PM | 48.2 | 40.5 | 07:35 PM - 07:40 PM | 52.9 | 45.6 |
| 02:20 PM - 02:25 PM | 42.9 | 36.6 | 05:00 PM - 05:05 PM | 48.2 | 40.2 | 07:40 PM - 07:45 PM | 53.4 | 46.7 |
| 02:25 PM - 02:30 PM | 46.4 | 37.3 | 05:05 PM - 05:10 PM | 48.4 | 40.1 | 07:45 PM - 07:50 PM | 49.0 | 46.4 |
| 02:30 PM - 02:35 PM | 41.9 | 36.1 | 05:10 PM - 05:15 PM | 46.3 | 39.5 | 07:50 PM - 07:55 PM | 48.5 | 46.2 |
| 02:35 PM - 02:40 PM | 41.3 | 34.5 | 05:15 PM - 05:20 PM | 45.2 | 39.9 | 07:55 PM - 08:00 PM | 50.3 | 41.9 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854739-1



**Sample Number** 23128868-3
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25 - Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 08:00 PM - 08:05 PM | 49.3 | 41.4 | 10:40 PM - 10:45 PM | 52.4 | 36.4 | 01:20 AM - 01:25 AM | 39.2 | 34.8 |
| 08:05 PM - 08:10 PM | 46.8 | 41.2 | 10:45 PM - 10:50 PM | 38.6 | 36.7 | 01:25 AM - 01:30 AM | 37.5 | 34.4 |
| 08:10 PM - 08:15 PM | 46.2 | 42.0 | 10:50 PM - 10:55 PM | 37.9 | 36.4 | 01:30 AM - 01:35 AM | 39.5 | 33.6 |
| 08:15 PM - 08:20 PM | 45.1 | 41.6 | 10:55 PM - 11:00 PM | 37.7 | 36.0 | 01:35 AM - 01:40 AM | 49.4 | 33.8 |
| 08:20 PM - 08:25 PM | 47.6 | 40.5 | 11:00 PM - 11:05 PM | 39.8 | 36.1 | 01:40 AM - 01:45 AM | 35.9 | 33.5 |
| 08:25 PM - 08:30 PM | 43.8 | 39.5 | 11:05 PM - 11:10 PM | 38.6 | 36.1 | 01:45 AM - 01:50 AM | 34.9 | 32.8 |
| 08:30 PM - 08:35 PM | 47.1 | 39.2 | 11:10 PM - 11:15 PM | 48.9 | 36.7 | 01:50 AM - 01:55 AM | 34.6 | 33.2 |
| 08:35 PM - 08:40 PM | 42.0 | 38.7 | 11:15 PM - 11:20 PM | 39.6 | 37.0 | 01:55 AM - 02:00 AM | 36.2 | 34.5 |
| 08:40 PM - 08:45 PM | 41.4 | 38.4 | 11:20 PM - 11:25 PM | 39.3 | 36.4 | 02:00 AM - 02:05 AM | 35.6 | 34.3 |
| 08:45 PM - 08:50 PM | 40.9 | 38.3 | 11:25 PM - 11:30 PM | 40.0 | 36.8 | 02:05 AM - 02:10 AM | 37.7 | 34.2 |
| 08:50 PM - 08:55 PM | 44.3 | 38.0 | 11:30 PM - 11:35 PM | 49.1 | 36.2 | 02:10 AM - 02:15 AM | 39.3 | 34.2 |
| 08:55 PM - 09:00 PM | 42.3 | 39.3 | 11:35 PM - 11:40 PM | 41.9 | 36.3 | 02:15 AM - 02:20 AM | 33.9 | 32.4 |
| 09:00 PM - 09:05 PM | 41.8 | 38.0 | 11:40 PM - 11:45 PM | 39.7 | 36.3 | 02:20 AM - 02:25 AM | 35.6 | 33.1 |
| 09:05 PM - 09:10 PM | 42.6 | 38.2 | 11:45 PM - 11:50 PM | 40.7 | 36.2 | 02:25 AM - 02:30 AM | 34.6 | 33.6 |
| 09:10 PM - 09:15 PM | 41.5 | 37.4 | 11:50 PM - 11:55 PM | 37.4 | 35.9 | 02:30 AM - 02:35 AM | 38.5 | 34.1 |
| 09:15 PM - 09:20 PM | 41.9 | 38.2 | 11:55 PM - 12:00 AM | 38.5 | 36.4 | 02:35 AM - 02:40 AM | 34.1 | 33.4 |
| 09:20 PM - 09:25 PM | 44.8 | 38.7 | 12:00 AM - 12:05 AM | 39.0 | 36.4 | 02:40 AM - 02:45 AM | 37.2 | 35.5 |
| 09:25 PM - 09:30 PM | 43.6 | 39.1 | 12:05 AM - 12:10 AM | 37.7 | 35.4 | 02:45 AM - 02:50 AM | 38.6 | 35.1 |
| 09:30 PM - 09:35 PM | 41.9 | 39.0 | 12:10 AM - 12:15 AM | 41.7 | 36.7 | 02:50 AM - 02:55 AM | 38.9 | 35.0 |
| 09:35 PM - 09:40 PM | 43.1 | 38.5 | 12:15 AM - 12:20 AM | 42.3 | 36.5 | 02:55 AM - 03:00 AM | 37.8 | 33.0 |
| 09:40 PM - 09:45 PM | 41.8 | 38.3 | 12:20 AM - 12:25 AM | 42.4 | 36.2 | 03:00 AM - 03:05 AM | 38.5 | 33.8 |
| 09:45 PM - 09:50 PM | 42.4 | 38.3 | 12:25 AM - 12:30 AM | 37.7 | 35.6 | 03:05 AM - 03:10 AM | 36.2 | 34.8 |
| 09:50 PM - 09:55 PM | 42.2 | 38.4 | 12:30 AM - 12:35 AM | 41.1 | 36.9 | 03:10 AM - 03:15 AM | 36.3 | 35.0 |
| 09:55 PM - 10:00 PM | 39.3 | 37.6 | 12:35 AM - 12:40 AM | 39.4 | 36.2 | 03:15 AM - 03:20 AM | 48.1 | 34.5 |
| 10:00 PM - 10:05 PM | 41.4 | 37.2 | 12:40 AM - 12:45 AM | 40.5 | 34.5 | 03:20 AM - 03:25 AM | 40.1 | 34.3 |
| 10:05 PM - 10:10 PM | 41.5 | 38.2 | 12:45 AM - 12:50 AM | 38.9 | 35.1 | 03:25 AM - 03:30 AM | 35.6 | 34.6 |
| 10:10 PM - 10:15 PM | 39.7 | 37.7 | 12:50 AM - 12:55 AM | 38.6 | 34.5 | 03:30 AM - 03:35 AM | 40.8 | 34.9 |
| 10:15 PM - 10:20 PM | 38.9 | 37.4 | 12:55 AM - 01:00 AM | 37.8 | 35.1 | 03:35 AM - 03:40 AM | 36.2 | 34.5 |
| 10:20 PM - 10:25 PM | 38.6 | 37.2 | 01:00 AM - 01:05 AM | 38.9 | 35.5 | 03:40 AM - 03:45 AM | 39.3 | 35.2 |
| 10:25 PM - 10:30 PM | 40.2 | 37.4 | 01:05 AM - 01:10 AM | 36.8 | 35.5 | 03:45 AM - 03:50 AM | 44.4 | 35.9 |
| 10:30 PM - 10:35 PM | 40.7 | 37.1 | 01:10 AM - 01:15 AM | 38.5 | 35.5 | 03:50 AM - 03:55 AM | 50.8 | 34.4 |
| 10:35 PM - 10:40 PM | 39.4 | 36.4 | 01:15 AM - 01:20 AM | 36.6 | 34.7 | 03:55 AM - 04:00 AM | 42.0 | 34.3 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854739-1



**Sample Number** 23128868-3
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 04:00 AM - 04:05 AM | 46.5 | 34.2 | 06:40 AM - 06:45 AM | 47.6 | 38.1 | 09:20 AM - 09:25 AM | 45.7 | 42.0 |
| 04:05 AM - 04:10 AM | 36.7 | 34.7 | 06:45 AM - 06:50 AM | 41.6 | 37.7 | 09:25 AM - 09:30 AM | 45.6 | 41.4 |
| 04:10 AM - 04:15 AM | 44.8 | 35.0 | 06:50 AM - 06:55 AM | 44.6 | 38.0 | 09:30 AM - 09:35 AM | 45.7 | 39.8 |
| 04:15 AM - 04:20 AM | 47.7 | 34.2 | 06:55 AM - 07:00 AM | 47.6 | 36.3 | 09:35 AM - 09:40 AM | 44.5 | 39.9 |
| 04:20 AM - 04:25 AM | 38.0 | 33.9 | 07:00 AM - 07:05 AM | 45.8 | 36.1 | 09:40 AM - 09:45 AM | 47.0 | 41.2 |
| 04:25 AM - 04:30 AM | 42.8 | 34.1 | 07:05 AM - 07:10 AM | 43.8 | 35.9 | 09:45 AM - 09:50 AM | 49.0 | 40.7 |
| 04:30 AM - 04:35 AM | 45.1 | 34.0 | 07:10 AM - 07:15 AM | 45.8 | 37.2 | 09:50 AM - 09:55 AM | 46.7 | 38.1 |
| 04:35 AM - 04:40 AM | 47.5 | 35.3 | 07:15 AM - 07:20 AM | 43.0 | 35.5 | 09:55 AM - 10:00 AM | 46.3 | 41.0 |
| 04:40 AM - 04:45 AM | 49.3 | 35.6 | 07:20 AM - 07:25 AM | 43.5 | 34.4 | 10:00 AM - 10:05 AM | 44.9 | 36.9 |
| 04:45 AM - 04:50 AM | 44.2 | 35.4 | 07:25 AM - 07:30 AM | 46.2 | 37.4 | 10:05 AM - 10:10 AM | 49.3 | 39.5 |
| 04:50 AM - 04:55 AM | 50.9 | 35.6 | 07:30 AM - 07:35 AM | 42.6 | 37.1 | 10:10 AM - 10:15 AM | 49.6 | 42.0 |
| 04:55 AM - 05:00 AM | 40.6 | 35.2 | 07:35 AM - 07:40 AM | 46.4 | 38.2 | 10:15 AM - 10:20 AM | 49.6 | 41.8 |
| 05:00 AM - 05:05 AM | 41.6 | 36.0 | 07:40 AM - 07:45 AM | 43.8 | 40.1 | 10:20 AM - 10:25 AM | 63.9 | 41.5 |
| 05:05 AM - 05:10 AM | 38.6 | 35.4 | 07:45 AM - 07:50 AM | 49.8 | 41.3 | 10:25 AM - 10:30 AM | 55.5 | 40.6 |
| 05:10 AM - 05:15 AM | 37.6 | 35.3 | 07:50 AM - 07:55 AM | 45.3 | 40.7 | 10:30 AM - 10:35 AM | 47.7 | 38.6 |
| 05:15 AM - 05:20 AM | 48.5 | 35.3 | 07:55 AM - 08:00 AM | 58.6 | 41.5 | 10:35 AM - 10:40 AM | 47.8 | 39.3 |
| 05:20 AM - 05:25 AM | 51.8 | 35.2 | 08:00 AM - 08:05 AM | 48.4 | 40.6 | 10:40 AM - 10:45 AM | 44.4 | 39.2 |
| 05:25 AM - 05:30 AM | 51.0 | 35.2 | 08:05 AM - 08:10 AM | 47.7 | 42.3 | 10:45 AM - 10:50 AM | 42.4 | 35.5 |
| 05:30 AM - 05:35 AM | 44.9 | 35.5 | 08:10 AM - 08:15 AM | 44.6 | 38.9 | 10:50 AM - 10:55 AM | 44.3 | 35.9 |
| 05:35 AM - 05:40 AM | 44.0 | 36.5 | 08:15 AM - 08:20 AM | 47.1 | 38.8 | 10:55 AM - 11:00 AM | 44.7 | 37.0 |
| 05:40 AM - 05:45 AM | 44.9 | 37.4 | 08:20 AM - 08:25 AM | 47.8 | 40.4 | 11:00 AM - 11:05 AM | 45.2 | 39.3 |
| 05:45 AM - 05:50 AM | 49.5 | 37.0 | 08:25 AM - 08:30 AM | 47.7 | 37.4 | 11:05 AM - 11:10 AM | 45.0 | 39.9 |
| 05:50 AM - 05:55 AM | 49.9 | 37.8 | 08:30 AM - 08:35 AM | 43.2 | 36.8 | 11:10 AM - 11:15 AM | 43.9 | 37.9 |
| 05:55 AM - 06:00 AM | 49.7 | 37.2 | 08:35 AM - 08:40 AM | 44.5 | 38.0 | 11:15 AM - 11:20 AM | 46.4 | 41.4 |
| 06:00 AM - 06:05 AM | 50.7 | 37.3 | 08:40 AM - 08:45 AM | 44.5 | 39.9 | 11:20 AM - 11:25 AM | 47.7 | 40.3 |
| 06:05 AM - 06:10 AM | 49.8 | 39.3 | 08:45 AM - 08:50 AM | 50.3 | 43.9 | 11:25 AM - 11:30 AM | 59.0 | 41.2 |
| 06:10 AM - 06:15 AM | 48.5 | 38.3 | 08:50 AM - 08:55 AM | 48.0 | 43.9 | 11:30 AM - 11:35 AM | 54.0 | 39.9 |
| 06:15 AM - 06:20 AM | 47.5 | 39.1 | 08:55 AM - 09:00 AM | 45.4 | 40.2 | 11:35 AM - 11:40 AM | 45.0 | 39.6 |
| 06:20 AM - 06:25 AM | 45.4 | 40.1 | 09:00 AM - 09:05 AM | 47.9 | 42.7 | 11:40 AM - 11:45 AM | 49.7 | 40.7 |
| 06:25 AM - 06:30 AM | 43.8 | 38.8 | 09:05 AM - 09:10 AM | 48.6 | 42.4 | 11:45 AM - 11:50 AM | 45.4 | 39.6 |
| 06:30 AM - 06:35 AM | 43.6 | 38.2 | 09:10 AM - 09:15 AM | 46.7 | 39.4 | 11:50 AM - 11:55 AM | 45.5 | 38.4 |
| 06:35 AM - 06:40 AM | 48.1 | 38.2 | 09:15 AM - 09:20 AM | 49.1 | 43.2 | 11:55 AM - 12:00 PM | 44.9 | 39.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854740-1



**Sample Number** 23128868-4
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 12:00 PM - 12:05 PM | 45.6 | 38.3 | 02:40 PM - 02:45 PM | 46.2 | 38.0 | 05:20 PM - 05:25 PM | 47.6 | 36.8 |
| 12:05 PM - 12:10 PM | 43.6 | 38.1 | 02:45 PM - 02:50 PM | 45.5 | 39.1 | 05:25 PM - 05:30 PM | 43.7 | 37.2 |
| 12:10 PM - 12:15 PM | 43.7 | 38.3 | 02:50 PM - 02:55 PM | 43.3 | 35.4 | 05:30 PM - 05:35 PM | 43.9 | 35.8 |
| 12:15 PM - 12:20 PM | 44.9 | 36.1 | 02:55 PM - 03:00 PM | 45.2 | 37.1 | 05:35 PM - 05:40 PM | 54.3 | 35.9 |
| 12:20 PM - 12:25 PM | 45.6 | 40.2 | 03:00 PM - 03:05 PM | 47.8 | 35.4 | 05:40 PM - 05:45 PM | 47.5 | 36.8 |
| 12:25 PM - 12:30 PM | 49.6 | 36.3 | 03:05 PM - 03:10 PM | 47.8 | 36.6 | 05:45 PM - 05:50 PM | 52.7 | 37.4 |
| 12:30 PM - 12:35 PM | 44.3 | 37.2 | 03:10 PM - 03:15 PM | 40.4 | 34.3 | 05:50 PM - 05:55 PM | 41.4 | 35.7 |
| 12:35 PM - 12:40 PM | 44.4 | 35.3 | 03:15 PM - 03:20 PM | 46.5 | 38.6 | 05:55 PM - 06:00 PM | 45.8 | 38.1 |
| 12:40 PM - 12:45 PM | 59.2 | 37.5 | 03:20 PM - 03:25 PM | 46.4 | 38.0 | 06:00 PM - 06:05 PM | 45.8 | 37.0 |
| 12:45 PM - 12:50 PM | 46.9 | 38.3 | 03:25 PM - 03:30 PM | 47.4 | 37.7 | 06:05 PM - 06:10 PM | 51.5 | 37.2 |
| 12:50 PM - 12:55 PM | 48.6 | 45.9 | 03:30 PM - 03:35 PM | 45.1 | 37.4 | 06:10 PM - 06:15 PM | 51.6 | 36.6 |
| 12:55 PM - 01:00 PM | 45.1 | 39.2 | 03:35 PM - 03:40 PM | 43.1 | 36.6 | 06:15 PM - 06:20 PM | 43.0 | 36.8 |
| 01:00 PM - 01:05 PM | 49.8 | 40.8 | 03:40 PM - 03:45 PM | 43.1 | 38.0 | 06:20 PM - 06:25 PM | 41.7 | 37.0 |
| 01:05 PM - 01:10 PM | 46.9 | 42.1 | 03:45 PM - 03:50 PM | 46.5 | 36.1 | 06:25 PM - 06:30 PM | 43.8 | 37.7 |
| 01:10 PM - 01:15 PM | 49.6 | 44.6 | 03:50 PM - 03:55 PM | 60.0 | 37.3 | 06:30 PM - 06:35 PM | 44.3 | 39.0 |
| 01:15 PM - 01:20 PM | 46.1 | 37.7 | 03:55 PM - 04:00 PM | 44.4 | 36.6 | 06:35 PM - 06:40 PM | 43.3 | 39.1 |
| 01:20 PM - 01:25 PM | 44.5 | 36.8 | 04:00 PM - 04:05 PM | 44.9 | 36.2 | 06:40 PM - 06:45 PM | 45.1 | 39.2 |
| 01:25 PM - 01:30 PM | 42.3 | 38.1 | 04:05 PM - 04:10 PM | 45.6 | 39.7 | 06:45 PM - 06:50 PM | 42.2 | 38.0 |
| 01:30 PM - 01:35 PM | 43.1 | 37.3 | 04:10 PM - 04:15 PM | 44.3 | 36.0 | 06:50 PM - 06:55 PM | 43.9 | 38.3 |
| 01:35 PM - 01:40 PM | 41.8 | 34.6 | 04:15 PM - 04:20 PM | 42.6 | 36.6 | 06:55 PM - 07:00 PM | 49.3 | 38.7 |
| 01:40 PM - 01:45 PM | 43.9 | 37.1 | 04:20 PM - 04:25 PM | 44.4 | 36.6 | 07:00 PM - 07:05 PM | 42.6 | 38.3 |
| 01:45 PM - 01:50 PM | 46.3 | 41.4 | 04:25 PM - 04:30 PM | 46.4 | 35.8 | 07:05 PM - 07:10 PM | 45.8 | 38.2 |
| 01:50 PM - 01:55 PM | 43.1 | 37.7 | 04:30 PM - 04:35 PM | 56.0 | 36.3 | 07:10 PM - 07:15 PM | 45.1 | 38.5 |
| 01:55 PM - 02:00 PM | 43.2 | 36.3 | 04:35 PM - 04:40 PM | 42.8 | 37.3 | 07:15 PM - 07:20 PM | 45.2 | 37.7 |
| 02:00 PM - 02:05 PM | 52.3 | 35.3 | 04:40 PM - 04:45 PM | 47.2 | 40.9 | 07:20 PM - 07:25 PM | 46.8 | 39.4 |
| 02:05 PM - 02:10 PM | 42.0 | 37.9 | 04:45 PM - 04:50 PM | 46.1 | 37.4 | 07:25 PM - 07:30 PM | 45.5 | 39.0 |
| 02:10 PM - 02:15 PM | 49.8 | 44.3 | 04:50 PM - 04:55 PM | 58.5 | 37.9 | 07:30 PM - 07:35 PM | 45.5 | 38.9 |
| 02:15 PM - 02:20 PM | 48.4 | 44.2 | 04:55 PM - 05:00 PM | 44.4 | 37.5 | 07:35 PM - 07:40 PM | 43.3 | 38.0 |
| 02:20 PM - 02:25 PM | 51.9 | 42.4 | 05:00 PM - 05:05 PM | 47.9 | 36.5 | 07:40 PM - 07:45 PM | 43.0 | 38.8 |
| 02:25 PM - 02:30 PM | 50.4 | 42.0 | 05:05 PM - 05:10 PM | 46.0 | 37.8 | 07:45 PM - 07:50 PM | 44.1 | 38.7 |
| 02:30 PM - 02:35 PM | 46.1 | 40.0 | 05:10 PM - 05:15 PM | 47.5 | 36.5 | 07:50 PM - 07:55 PM | 45.8 | 39.5 |
| 02:35 PM - 02:40 PM | 42.7 | 36.8 | 05:15 PM - 05:20 PM | 47.3 | 36.6 | 07:55 PM - 08:00 PM | 45.1 | 39.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854740-1



**Sample Number** 23128868-4
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26 - Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 08:00 PM - 08:05 PM | 48.8 | 39.6 | 10:40 PM - 10:45 PM | 63.0 | 39.6 | 01:20 AM - 01:25 AM | 37.3 | 32.8 |
| 08:05 PM - 08:10 PM | 44.9 | 39.9 | 10:45 PM - 10:50 PM | 49.0 | 43.4 | 01:25 AM - 01:30 AM | 38.0 | 32.7 |
| 08:10 PM - 08:15 PM | 45.0 | 39.3 | 10:50 PM - 10:55 PM | 47.8 | 43.8 | 01:30 AM - 01:35 AM | 35.5 | 33.5 |
| 08:15 PM - 08:20 PM | 44.9 | 38.9 | 10:55 PM - 11:00 PM | 49.9 | 41.8 | 01:35 AM - 01:40 AM | 35.8 | 33.6 |
| 08:20 PM - 08:25 PM | 42.8 | 38.6 | 11:00 PM - 11:05 PM | 53.5 | 45.9 | 01:40 AM - 01:45 AM | 36.9 | 35.5 |
| 08:25 PM - 08:30 PM | 41.8 | 38.1 | 11:05 PM - 11:10 PM | 44.6 | 38.8 | 01:45 AM - 01:50 AM | 36.2 | 35.1 |
| 08:30 PM - 08:35 PM | 42.1 | 38.1 | 11:10 PM - 11:15 PM | 47.2 | 37.2 | 01:50 AM - 01:55 AM | 37.3 | 35.8 |
| 08:35 PM - 08:40 PM | 41.8 | 37.9 | 11:15 PM - 11:20 PM | 40.5 | 35.1 | 01:55 AM - 02:00 AM | 35.5 | 34.6 |
| 08:40 PM - 08:45 PM | 47.1 | 38.5 | 11:20 PM - 11:25 PM | 38.9 | 34.6 | 02:00 AM - 02:05 AM | 34.1 | 31.1 |
| 08:45 PM - 08:50 PM | 44.2 | 38.1 | 11:25 PM - 11:30 PM | 39.2 | 34.4 | 02:05 AM - 02:10 AM | 40.4 | 32.2 |
| 08:50 PM - 08:55 PM | 40.6 | 37.8 | 11:30 PM - 11:35 PM | 37.5 | 33.6 | 02:10 AM - 02:15 AM | 36.1 | 32.5 |
| 08:55 PM - 09:00 PM | 43.7 | 37.3 | 11:35 PM - 11:40 PM | 39.5 | 33.5 | 02:15 AM - 02:20 AM | 34.5 | 32.9 |
| 09:00 PM - 09:05 PM | 41.4 | 36.9 | 11:40 PM - 11:45 PM | 35.5 | 33.1 | 02:20 AM - 02:25 AM | 47.6 | 32.4 |
| 09:05 PM - 09:10 PM | 41.6 | 37.4 | 11:45 PM - 11:50 PM | 35.4 | 34.2 | 02:25 AM - 02:30 AM | 34.7 | 32.1 |
| 09:10 PM - 09:15 PM | 42.2 | 37.1 | 11:50 PM - 11:55 PM | 36.6 | 33.3 | 02:30 AM - 02:35 AM | 41.8 | 32.1 |
| 09:15 PM - 09:20 PM | 43.9 | 37.2 | 11:55 PM - 12:00 AM | 38.9 | 34.9 | 02:35 AM - 02:40 AM | 34.9 | 32.9 |
| 09:20 PM - 09:25 PM | 42.7 | 38.1 | 12:00 AM - 12:05 AM | 35.4 | 33.0 | 02:40 AM - 02:45 AM | 35.3 | 33.8 |
| 09:25 PM - 09:30 PM | 42.6 | 38.2 | 12:05 AM - 12:10 AM | 35.5 | 32.8 | 02:45 AM - 02:50 AM | 38.0 | 35.6 |
| 09:30 PM - 09:35 PM | 48.1 | 38.1 | 12:10 AM - 12:15 AM | 44.5 | 34.1 | 02:50 AM - 02:55 AM | 36.7 | 35.2 |
| 09:35 PM - 09:40 PM | 42.4 | 39.0 | 12:15 AM - 12:20 AM | 35.3 | 32.2 | 02:55 AM - 03:00 AM | 38.0 | 34.8 |
| 09:40 PM - 09:45 PM | 49.6 | 39.6 | 12:20 AM - 12:25 AM | 37.0 | 34.6 | 03:00 AM - 03:05 AM | 37.5 | 34.9 |
| 09:45 PM - 09:50 PM | 43.7 | 40.0 | 12:25 AM - 12:30 AM | 35.5 | 32.9 | 03:05 AM - 03:10 AM | 37.4 | 34.6 |
| 09:50 PM - 09:55 PM | 43.5 | 40.0 | 12:30 AM - 12:35 AM | 34.8 | 32.1 | 03:10 AM - 03:15 AM | 43.8 | 33.6 |
| 09:55 PM - 10:00 PM | 42.2 | 38.7 | 12:35 AM - 12:40 AM | 38.2 | 34.9 | 03:15 AM - 03:20 AM | 45.6 | 36.0 |
| 10:00 PM - 10:05 PM | 39.9 | 38.2 | 12:40 AM - 12:45 AM | 35.8 | 33.3 | 03:20 AM - 03:25 AM | 37.4 | 35.4 |
| 10:05 PM - 10:10 PM | 41.0 | 37.5 | 12:45 AM - 12:50 AM | 35.4 | 33.7 | 03:25 AM - 03:30 AM | 37.2 | 35.5 |
| 10:10 PM - 10:15 PM | 42.7 | 38.5 | 12:50 AM - 12:55 AM | 35.5 | 33.4 | 03:30 AM - 03:35 AM | 37.4 | 35.1 |
| 10:15 PM - 10:20 PM | 42.2 | 39.1 | 12:55 AM - 01:00 AM | 36.3 | 34.5 | 03:35 AM - 03:40 AM | 41.5 | 35.5 |
| 10:20 PM - 10:25 PM | 52.6 | 37.3 | 01:00 AM - 01:05 AM | 35.1 | 33.1 | 03:40 AM - 03:45 AM | 57.9 | 35.3 |
| 10:25 PM - 10:30 PM | 52.7 | 40.6 | 01:05 AM - 01:10 AM | 36.3 | 33.6 | 03:45 AM - 03:50 AM | 41.3 | 34.2 |
| 10:30 PM - 10:35 PM | 40.7 | 37.6 | 01:10 AM - 01:15 AM | 34.9 | 33.2 | 03:50 AM - 03:55 AM | 37.0 | 32.6 |
| 10:35 PM - 10:40 PM | 68.4 | 36.8 | 01:15 AM - 01:20 AM | 35.2 | 33.0 | 03:55 AM - 04:00 AM | 42.7 | 35.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854740-1



**Sample Number** 23128868-4
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 04:00 AM - 04:05 AM | 53.5 | 34.8 | 06:40 AM - 06:45 AM | 45.0 | 40.6 | 09:20 AM - 09:25 AM | 46.2 | 36.7 |
| 04:05 AM - 04:10 AM | 43.0 | 34.7 | 06:45 AM - 06:50 AM | 47.6 | 38.6 | 09:25 AM - 09:30 AM | 44.3 | 36.3 |
| 04:10 AM - 04:15 AM | 38.6 | 35.6 | 06:50 AM - 06:55 AM | 58.2 | 40.8 | 09:30 AM - 09:35 AM | 48.8 | 36.5 |
| 04:15 AM - 04:20 AM | 43.7 | 34.2 | 06:55 AM - 07:00 AM | 59.9 | 40.3 | 09:35 AM - 09:40 AM | 53.9 | 37.0 |
| 04:20 AM - 04:25 AM | 48.4 | 35.5 | 07:00 AM - 07:05 AM | 47.4 | 40.2 | 09:40 AM - 09:45 AM | 46.8 | 37.6 |
| 04:25 AM - 04:30 AM | 44.1 | 36.7 | 07:05 AM - 07:10 AM | 45.7 | 40.8 | 09:45 AM - 09:50 AM | 45.2 | 36.6 |
| 04:30 AM - 04:35 AM | 42.1 | 36.7 | 07:10 AM - 07:15 AM | 46.6 | 39.8 | 09:50 AM - 09:55 AM | 44.3 | 38.9 |
| 04:35 AM - 04:40 AM | 46.6 | 36.0 | 07:15 AM - 07:20 AM | 46.4 | 41.8 | 09:55 AM - 10:00 AM | 48.1 | 39.7 |
| 04:40 AM - 04:45 AM | 51.5 | 35.9 | 07:20 AM - 07:25 AM | 59.2 | 43.7 | 10:00 AM - 10:05 AM | 49.2 | 38.2 |
| 04:45 AM - 04:50 AM | 47.2 | 34.8 | 07:25 AM - 07:30 AM | 48.3 | 44.3 | 10:05 AM - 10:10 AM | 53.2 | 37.8 |
| 04:50 AM - 04:55 AM | 44.9 | 35.2 | 07:30 AM - 07:35 AM | 48.8 | 43.3 | 10:10 AM - 10:15 AM | 46.9 | 41.2 |
| 04:55 AM - 05:00 AM | 42.9 | 35.1 | 07:35 AM - 07:40 AM | 51.5 | 41.3 | 10:15 AM - 10:20 AM | 47.7 | 39.3 |
| 05:00 AM - 05:05 AM | 48.8 | 36.5 | 07:40 AM - 07:45 AM | 51.4 | 43.9 | 10:20 AM - 10:25 AM | 43.7 | 39.1 |
| 05:05 AM - 05:10 AM | 50.9 | 36.1 | 07:45 AM - 07:50 AM | 57.3 | 40.0 | 10:25 AM - 10:30 AM | 47.4 | 42.2 |
| 05:10 AM - 05:15 AM | 49.9 | 36.0 | 07:50 AM - 07:55 AM | 53.3 | 39.8 | 10:30 AM - 10:35 AM | 48.7 | 44.8 |
| 05:15 AM - 05:20 AM | 45.2 | 38.0 | 07:55 AM - 08:00 AM | 47.0 | 37.6 | 10:35 AM - 10:40 AM | 50.1 | 43.8 |
| 05:20 AM - 05:25 AM | 40.4 | 36.6 | 08:00 AM - 08:05 AM | 44.7 | 37.4 | 10:40 AM - 10:45 AM | 47.0 | 41.4 |
| 05:25 AM - 05:30 AM | 40.5 | 36.9 | 08:05 AM - 08:10 AM | 42.5 | 37.4 | 10:45 AM - 10:50 AM | 46.5 | 38.8 |
| 05:30 AM - 05:35 AM | 42.1 | 37.6 | 08:10 AM - 08:15 AM | 43.6 | 38.4 | 10:50 AM - 10:55 AM | 55.8 | 40.4 |
| 05:35 AM - 05:40 AM | 49.4 | 37.5 | 08:15 AM - 08:20 AM | 45.5 | 38.9 | 10:55 AM - 11:00 AM | 52.8 | 41.9 |
| 05:40 AM - 05:45 AM | 52.8 | 38.6 | 08:20 AM - 08:25 AM | 44.8 | 38.8 | 11:00 AM - 11:05 AM | 44.8 | 38.0 |
| 05:45 AM - 05:50 AM | 49.4 | 38.3 | 08:25 AM - 08:30 AM | 46.9 | 39.9 | 11:05 AM - 11:10 AM | 46.4 | 40.1 |
| 05:50 AM - 05:55 AM | 51.5 | 39.4 | 08:30 AM - 08:35 AM | 48.3 | 42.3 | 11:10 AM - 11:15 AM | 49.4 | 37.2 |
| 05:55 AM - 06:00 AM | 50.4 | 39.9 | 08:35 AM - 08:40 AM | 52.2 | 42.6 | 11:15 AM - 11:20 AM | 51.9 | 42.9 |
| 06:00 AM - 06:05 AM | 48.2 | 39.1 | 08:40 AM - 08:45 AM | 52.1 | 45.0 | 11:20 AM - 11:25 AM | 49.1 | 42.6 |
| 06:05 AM - 06:10 AM | 46.8 | 39.3 | 08:45 AM - 08:50 AM | 57.4 | 43.1 | 11:25 AM - 11:30 AM | 48.3 | 40.1 |
| 06:10 AM - 06:15 AM | 47.2 | 40.1 | 08:50 AM - 08:55 AM | 52.3 | 45.4 | 11:30 AM - 11:35 AM | 51.3 | 39.0 |
| 06:15 AM - 06:20 AM | 48.9 | 39.6 | 08:55 AM - 09:00 AM | 50.5 | 44.2 | 11:35 AM - 11:40 AM | 48.2 | 40.9 |
| 06:20 AM - 06:25 AM | 50.8 | 40.6 | 09:00 AM - 09:05 AM | 59.6 | 43.7 | 11:40 AM - 11:45 AM | 47.5 | 37.5 |
| 06:25 AM - 06:30 AM | 47.3 | 39.7 | 09:05 AM - 09:10 AM | 55.6 | 41.3 | 11:45 AM - 11:50 AM | 48.1 | 39.3 |
| 06:30 AM - 06:35 AM | 46.5 | 40.8 | 09:10 AM - 09:15 AM | 52.6 | 41.0 | 11:50 AM - 11:55 AM | 45.1 | 38.6 |
| 06:35 AM - 06:40 AM | 47.5 | 40.1 | 09:15 AM - 09:20 AM | 45.7 | 40.1 | 11:55 AM - 12:00 PM | 44.3 | 39.6 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854741-1



**Sample Number** 23128868-5
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 12:00 PM - 12:05 PM | 43.3 | 35.9 | 02:40 PM - 02:45 PM | 43.1 | 37.6 | 05:20 PM - 05:25 PM | 50.7 | 40.0 |
| 12:05 PM - 12:10 PM | 45.6 | 38.4 | 02:45 PM - 02:50 PM | 43.8 | 38.0 | 05:25 PM - 05:30 PM | 46.4 | 35.6 |
| 12:10 PM - 12:15 PM | 48.2 | 40.3 | 02:50 PM - 02:55 PM | 41.5 | 38.3 | 05:30 PM - 05:35 PM | 54.3 | 38.8 |
| 12:15 PM - 12:20 PM | 47.2 | 40.9 | 02:55 PM - 03:00 PM | 48.7 | 39.1 | 05:35 PM - 05:40 PM | 49.7 | 38.2 |
| 12:20 PM - 12:25 PM | 48.0 | 42.1 | 03:00 PM - 03:05 PM | 42.7 | 36.6 | 05:40 PM - 05:45 PM | 46.8 | 40.8 |
| 12:25 PM - 12:30 PM | 47.8 | 39.5 | 03:05 PM - 03:10 PM | 44.1 | 37.1 | 05:45 PM - 05:50 PM | 48.0 | 37.7 |
| 12:30 PM - 12:35 PM | 49.6 | 40.3 | 03:10 PM - 03:15 PM | 45.8 | 41.9 | 05:50 PM - 05:55 PM | 44.2 | 37.7 |
| 12:35 PM - 12:40 PM | 46.5 | 39.7 | 03:15 PM - 03:20 PM | 44.8 | 39.4 | 05:55 PM - 06:00 PM | 49.3 | 39.0 |
| 12:40 PM - 12:45 PM | 46.3 | 38.4 | 03:20 PM - 03:25 PM | 47.0 | 37.6 | 06:00 PM - 06:05 PM | 46.2 | 38.8 |
| 12:45 PM - 12:50 PM | 49.4 | 36.1 | 03:25 PM - 03:30 PM | 43.5 | 37.6 | 06:05 PM - 06:10 PM | 47.1 | 40.7 |
| 12:50 PM - 12:55 PM | 47.5 | 39.8 | 03:30 PM - 03:35 PM | 45.6 | 40.9 | 06:10 PM - 06:15 PM | 45.6 | 39.2 |
| 12:55 PM - 01:00 PM | 48.9 | 42.4 | 03:35 PM - 03:40 PM | 47.7 | 37.7 | 06:15 PM - 06:20 PM | 47.9 | 40.0 |
| 01:00 PM - 01:05 PM | 42.8 | 39.0 | 03:40 PM - 03:45 PM | 45.4 | 36.6 | 06:20 PM - 06:25 PM | 44.4 | 40.8 |
| 01:05 PM - 01:10 PM | 43.7 | 37.0 | 03:45 PM - 03:50 PM | 46.3 | 39.6 | 06:25 PM - 06:30 PM | 45.3 | 41.5 |
| 01:10 PM - 01:15 PM | 45.3 | 38.9 | 03:50 PM - 03:55 PM | 44.2 | 39.0 | 06:30 PM - 06:35 PM | 45.1 | 41.4 |
| 01:15 PM - 01:20 PM | 47.2 | 41.0 | 03:55 PM - 04:00 PM | 49.6 | 36.7 | 06:35 PM - 06:40 PM | 44.7 | 41.2 |
| 01:20 PM - 01:25 PM | 47.1 | 37.7 | 04:00 PM - 04:05 PM | 45.5 | 39.2 | 06:40 PM - 06:45 PM | 46.5 | 42.1 |
| 01:25 PM - 01:30 PM | 42.3 | 36.3 | 04:05 PM - 04:10 PM | 53.6 | 41.7 | 06:45 PM - 06:50 PM | 47.8 | 43.2 |
| 01:30 PM - 01:35 PM | 40.0 | 35.6 | 04:10 PM - 04:15 PM | 49.8 | 41.9 | 06:50 PM - 06:55 PM | 49.2 | 44.0 |
| 01:35 PM - 01:40 PM | 45.6 | 37.9 | 04:15 PM - 04:20 PM | 48.5 | 39.0 | 06:55 PM - 07:00 PM | 47.3 | 42.2 |
| 01:40 PM - 01:45 PM | 48.5 | 38.4 | 04:20 PM - 04:25 PM | 41.9 | 36.1 | 07:00 PM - 07:05 PM | 46.3 | 42.3 |
| 01:45 PM - 01:50 PM | 41.9 | 35.6 | 04:25 PM - 04:30 PM | 46.3 | 39.9 | 07:05 PM - 07:10 PM | 53.4 | 44.0 |
| 01:50 PM - 01:55 PM | 48.5 | 37.0 | 04:30 PM - 04:35 PM | 48.5 | 37.5 | 07:10 PM - 07:15 PM | 49.6 | 44.5 |
| 01:55 PM - 02:00 PM | 43.7 | 38.3 | 04:35 PM - 04:40 PM | 41.4 | 37.1 | 07:15 PM - 07:20 PM | 49.0 | 44.4 |
| 02:00 PM - 02:05 PM | 42.5 | 36.3 | 04:40 PM - 04:45 PM | 43.6 | 37.5 | 07:20 PM - 07:25 PM | 48.1 | 44.0 |
| 02:05 PM - 02:10 PM | 51.0 | 38.6 | 04:45 PM - 04:50 PM | 42.5 | 37.2 | 07:25 PM - 07:30 PM | 52.7 | 44.5 |
| 02:10 PM - 02:15 PM | 44.4 | 39.1 | 04:50 PM - 04:55 PM | 43.3 | 36.7 | 07:30 PM - 07:35 PM | 51.3 | 47.0 |
| 02:15 PM - 02:20 PM | 45.1 | 39.8 | 04:55 PM - 05:00 PM | 43.8 | 37.3 | 07:35 PM - 07:40 PM | 51.1 | 44.5 |
| 02:20 PM - 02:25 PM | 44.0 | 39.2 | 05:00 PM - 05:05 PM | 47.1 | 39.9 | 07:40 PM - 07:45 PM | 51.0 | 46.3 |
| 02:25 PM - 02:30 PM | 44.6 | 39.7 | 05:05 PM - 05:10 PM | 48.7 | 41.2 | 07:45 PM - 07:50 PM | 55.1 | 44.0 |
| 02:30 PM - 02:35 PM | 43.6 | 35.9 | 05:10 PM - 05:15 PM | 44.6 | 38.4 | 07:50 PM - 07:55 PM | 48.4 | 42.7 |
| 02:35 PM - 02:40 PM | 42.9 | 37.3 | 05:15 PM - 05:20 PM | 48.0 | 38.4 | 07:55 PM - 08:00 PM | 50.1 | 43.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854741-1



**Sample Number** 23128868-5
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27 - Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 08:00 PM - 08:05 PM | 47.7 | 44.2 | 10:40 PM - 10:45 PM | 51.8 | 48.0 | 01:20 AM - 01:25 AM | 43.6 | 34.1 |
| 08:05 PM - 08:10 PM | 51.9 | 45.6 | 10:45 PM - 10:50 PM | 51.0 | 47.1 | 01:25 AM - 01:30 AM | 39.2 | 34.5 |
| 08:10 PM - 08:15 PM | 49.9 | 45.5 | 10:50 PM - 10:55 PM | 49.4 | 45.9 | 01:30 AM - 01:35 AM | 36.7 | 33.1 |
| 08:15 PM - 08:20 PM | 49.2 | 46.0 | 10:55 PM - 11:00 PM | 49.3 | 46.4 | 01:35 AM - 01:40 AM | 38.8 | 34.1 |
| 08:20 PM - 08:25 PM | 49.9 | 46.0 | 11:00 PM - 11:05 PM | 50.8 | 47.4 | 01:40 AM - 01:45 AM | 39.9 | 33.6 |
| 08:25 PM - 08:30 PM | 49.6 | 46.0 | 11:05 PM - 11:10 PM | 54.6 | 44.8 | 01:45 AM - 01:50 AM | 38.9 | 35.5 |
| 08:30 PM - 08:35 PM | 50.3 | 47.1 | 11:10 PM - 11:15 PM | 46.8 | 44.3 | 01:50 AM - 01:55 AM | 55.3 | 34.6 |
| 08:35 PM - 08:40 PM | 52.1 | 46.5 | 11:15 PM - 11:20 PM | 46.1 | 43.3 | 01:55 AM - 02:00 AM | 38.6 | 34.8 |
| 08:40 PM - 08:45 PM | 51.5 | 46.8 | 11:20 PM - 11:25 PM | 46.5 | 43.7 | 02:00 AM - 02:05 AM | 35.9 | 34.2 |
| 08:45 PM - 08:50 PM | 50.3 | 46.1 | 11:25 PM - 11:30 PM | 46.1 | 42.7 | 02:05 AM - 02:10 AM | 39.8 | 34.4 |
| 08:50 PM - 08:55 PM | 50.2 | 46.3 | 11:30 PM - 11:35 PM | 47.6 | 44.5 | 02:10 AM - 02:15 AM | 36.4 | 33.5 |
| 08:55 PM - 09:00 PM | 49.4 | 45.0 | 11:35 PM - 11:40 PM | 47.3 | 42.7 | 02:15 AM - 02:20 AM | 37.5 | 34.0 |
| 09:00 PM - 09:05 PM | 50.5 | 45.4 | 11:40 PM - 11:45 PM | 47.3 | 44.4 | 02:20 AM - 02:25 AM | 37.0 | 33.9 |
| 09:05 PM - 09:10 PM | 47.9 | 45.2 | 11:45 PM - 11:50 PM | 45.7 | 42.9 | 02:25 AM - 02:30 AM | 36.1 | 34.1 |
| 09:10 PM - 09:15 PM | 51.8 | 46.9 | 11:50 PM - 11:55 PM | 45.5 | 39.8 | 02:30 AM - 02:35 AM | 42.2 | 32.7 |
| 09:15 PM - 09:20 PM | 49.3 | 46.7 | 11:55 PM - 12:00 AM | 44.4 | 37.3 | 02:35 AM - 02:40 AM | 39.8 | 32.2 |
| 09:20 PM - 09:25 PM | 50.0 | 45.6 | 12:00 AM - 12:05 AM | 44.7 | 37.0 | 02:40 AM - 02:45 AM | 39.9 | 31.9 |
| 09:25 PM - 09:30 PM | 48.4 | 46.3 | 12:05 AM - 12:10 AM | 44.2 | 37.1 | 02:45 AM - 02:50 AM | 42.9 | 32.6 |
| 09:30 PM - 09:35 PM | 48.6 | 45.4 | 12:10 AM - 12:15 AM | 41.8 | 36.1 | 02:50 AM - 02:55 AM | 34.6 | 32.7 |
| 09:35 PM - 09:40 PM | 49.7 | 45.3 | 12:15 AM - 12:20 AM | 40.8 | 35.2 | 02:55 AM - 03:00 AM | 39.7 | 34.3 |
| 09:40 PM - 09:45 PM | 49.6 | 45.7 | 12:20 AM - 12:25 AM | 41.8 | 35.9 | 03:00 AM - 03:05 AM | 35.5 | 33.9 |
| 09:45 PM - 09:50 PM | 49.2 | 45.6 | 12:25 AM - 12:30 AM | 56.2 | 35.2 | 03:05 AM - 03:10 AM | 36.9 | 34.9 |
| 09:50 PM - 09:55 PM | 51.4 | 47.3 | 12:30 AM - 12:35 AM | 45.4 | 37.1 | 03:10 AM - 03:15 AM | 40.1 | 34.2 |
| 09:55 PM - 10:00 PM | 51.2 | 47.5 | 12:35 AM - 12:40 AM | 38.9 | 34.8 | 03:15 AM - 03:20 AM | 38.8 | 34.8 |
| 10:00 PM - 10:05 PM | 52.3 | 48.0 | 12:40 AM - 12:45 AM | 43.9 | 34.4 | 03:20 AM - 03:25 AM | 37.6 | 34.2 |
| 10:05 PM - 10:10 PM | 52.7 | 47.0 | 12:45 AM - 12:50 AM | 41.3 | 34.0 | 03:25 AM - 03:30 AM | 37.2 | 34.1 |
| 10:10 PM - 10:15 PM | 51.6 | 47.4 | 12:50 AM - 12:55 AM | 41.2 | 33.7 | 03:30 AM - 03:35 AM | 38.7 | 35.9 |
| 10:15 PM - 10:20 PM | 50.3 | 46.1 | 12:55 AM - 01:00 AM | 35.2 | 32.8 | 03:35 AM - 03:40 AM | 44.9 | 34.6 |
| 10:20 PM - 10:25 PM | 50.1 | 46.3 | 01:00 AM - 01:05 AM | 35.8 | 33.5 | 03:40 AM - 03:45 AM | 38.1 | 35.3 |
| 10:25 PM - 10:30 PM | 51.0 | 47.4 | 01:05 AM - 01:10 AM | 38.2 | 34.6 | 03:45 AM - 03:50 AM | 37.9 | 35.8 |
| 10:30 PM - 10:35 PM | 52.1 | 47.2 | 01:10 AM - 01:15 AM | 37.7 | 34.8 | 03:50 AM - 03:55 AM | 37.7 | 35.2 |
| 10:35 PM - 10:40 PM | 49.6 | 46.2 | 01:15 AM - 01:20 AM | 44.9 | 35.2 | 03:55 AM - 04:00 AM | 38.5 | 35.6 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854741-1



**Sample Number** 23128868-5
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 04:00 AM - 04:05 AM | 38.2 | 35.1 | 06:40 AM - 06:45 AM | 46.5 | 41.0 | 09:20 AM - 09:25 AM | 45.4 | 34.9 |
| 04:05 AM - 04:10 AM | 48.5 | 35.4 | 06:45 AM - 06:50 AM | 51.2 | 39.8 | 09:25 AM - 09:30 AM | 43.5 | 36.0 |
| 04:10 AM - 04:15 AM | 36.7 | 34.6 | 06:50 AM - 06:55 AM | 44.3 | 39.6 | 09:30 AM - 09:35 AM | 44.4 | 36.2 |
| 04:15 AM - 04:20 AM | 51.7 | 35.2 | 06:55 AM - 07:00 AM | 52.3 | 41.8 | 09:35 AM - 09:40 AM | 44.2 | 39.0 |
| 04:20 AM - 04:25 AM | 50.3 | 35.3 | 07:00 AM - 07:05 AM | 47.4 | 41.6 | 09:40 AM - 09:45 AM | 44.6 | 38.7 |
| 04:25 AM - 04:30 AM | 47.8 | 34.1 | 07:05 AM - 07:10 AM | 47.9 | 41.6 | 09:45 AM - 09:50 AM | 51.3 | 40.5 |
| 04:30 AM - 04:35 AM | 45.0 | 35.8 | 07:10 AM - 07:15 AM | 47.6 | 41.2 | 09:50 AM - 09:55 AM | 52.4 | 37.0 |
| 04:35 AM - 04:40 AM | 48.8 | 35.8 | 07:15 AM - 07:20 AM | 48.1 | 42.3 | 09:55 AM - 10:00 AM | 44.1 | 38.4 |
| 04:40 AM - 04:45 AM | 48.1 | 35.3 | 07:20 AM - 07:25 AM | 46.9 | 41.6 | 10:00 AM - 10:05 AM | 43.3 | 39.5 |
| 04:45 AM - 04:50 AM | 46.1 | 37.9 | 07:25 AM - 07:30 AM | 49.5 | 43.9 | 10:05 AM - 10:10 AM | 46.1 | 38.5 |
| 04:50 AM - 04:55 AM | 41.8 | 35.1 | 07:30 AM - 07:35 AM | 51.3 | 43.5 | 10:10 AM - 10:15 AM | 44.4 | 38.2 |
| 04:55 AM - 05:00 AM | 43.8 | 35.7 | 07:35 AM - 07:40 AM | 48.5 | 43.2 | 10:15 AM - 10:20 AM | 42.1 | 35.3 |
| 05:00 AM - 05:05 AM | 46.9 | 36.4 | 07:40 AM - 07:45 AM | 48.0 | 42.6 | 10:20 AM - 10:25 AM | 55.9 | 35.7 |
| 05:05 AM - 05:10 AM | 49.1 | 36.5 | 07:45 AM - 07:50 AM | 46.4 | 41.7 | 10:25 AM - 10:30 AM | 53.2 | 36.1 |
| 05:10 AM - 05:15 AM | 39.7 | 36.6 | 07:50 AM - 07:55 AM | 47.4 | 39.3 | 10:30 AM - 10:35 AM | 42.9 | 36.2 |
| 05:15 AM - 05:20 AM | 47.5 | 36.2 | 07:55 AM - 08:00 AM | 46.2 | 41.6 | 10:35 AM - 10:40 AM | 40.5 | 35.2 |
| 05:20 AM - 05:25 AM | 42.7 | 37.8 | 08:00 AM - 08:05 AM | 46.0 | 39.0 | 10:40 AM - 10:45 AM | 43.0 | 33.2 |
| 05:25 AM - 05:30 AM | 52.4 | 37.2 | 08:05 AM - 08:10 AM | 47.5 | 40.2 | 10:45 AM - 10:50 AM | 43.4 | 34.6 |
| 05:30 AM - 05:35 AM | 50.9 | 37.1 | 08:10 AM - 08:15 AM | 43.8 | 39.2 | 10:50 AM - 10:55 AM | 42.8 | 35.3 |
| 05:35 AM - 05:40 AM | 46.2 | 38.0 | 08:15 AM - 08:20 AM | 49.2 | 39.2 | 10:55 AM - 11:00 AM | 56.2 | 37.7 |
| 05:40 AM - 05:45 AM | 49.2 | 38.4 | 08:20 AM - 08:25 AM | 44.1 | 39.0 | 11:00 AM - 11:05 AM | 45.0 | 38.3 |
| 05:45 AM - 05:50 AM | 46.0 | 36.9 | 08:25 AM - 08:30 AM | 44.9 | 40.8 | 11:05 AM - 11:10 AM | 40.2 | 34.7 |
| 05:50 AM - 05:55 AM | 50.4 | 38.3 | 08:30 AM - 08:35 AM | 44.5 | 40.1 | 11:10 AM - 11:15 AM | 41.0 | 33.5 |
| 05:55 AM - 06:00 AM | 50.3 | 38.2 | 08:35 AM - 08:40 AM | 44.7 | 40.0 | 11:15 AM - 11:20 AM | 42.3 | 35.0 |
| 06:00 AM - 06:05 AM | 46.9 | 38.7 | 08:40 AM - 08:45 AM | 44.3 | 38.8 | 11:20 AM - 11:25 AM | 41.1 | 34.4 |
| 06:05 AM - 06:10 AM | 47.7 | 39.3 | 08:45 AM - 08:50 AM | 49.1 | 41.6 | 11:25 AM - 11:30 AM | 43.6 | 34.0 |
| 06:10 AM - 06:15 AM | 47.4 | 40.6 | 08:50 AM - 08:55 AM | 46.1 | 38.9 | 11:30 AM - 11:35 AM | 53.7 | 38.4 |
| 06:15 AM - 06:20 AM | 43.6 | 39.8 | 08:55 AM - 09:00 AM | 68.2 | 40.6 | 11:35 AM - 11:40 AM | 59.5 | 39.7 |
| 06:20 AM - 06:25 AM | 49.3 | 40.1 | 09:00 AM - 09:05 AM | 66.3 | 37.1 | 11:40 AM - 11:45 AM | 44.2 | 39.5 |
| 06:25 AM - 06:30 AM | 49.9 | 41.6 | 09:05 AM - 09:10 AM | 40.5 | 35.1 | 11:45 AM - 11:50 AM | 41.1 | 35.6 |
| 06:30 AM - 06:35 AM | 47.3 | 40.6 | 09:10 AM - 09:15 AM | 41.2 | 34.2 | 11:50 AM - 11:55 AM | 59.2 | 34.2 |
| 06:35 AM - 06:40 AM | 47.5 | 40.9 | 09:15 AM - 09:20 AM | 52.4 | 36.7 | 11:55 AM - 12:00 PM | 43.4 | 38.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854742-1



**Sample Number** 23128868-6
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 12:00 PM - 12:05 PM | 42.9 | 35.0 | 02:40 PM - 02:45 PM | 47.5 | 36.4 | 05:20 PM - 05:25 PM | 45.8 | 37.8 |
| 12:05 PM - 12:10 PM | 42.7 | 34.5 | 02:45 PM - 02:50 PM | 46.4 | 34.7 | 05:25 PM - 05:30 PM | 44.2 | 36.6 |
| 12:10 PM - 12:15 PM | 43.3 | 34.2 | 02:50 PM - 02:55 PM | 42.7 | 33.8 | 05:30 PM - 05:35 PM | 53.2 | 39.0 |
| 12:15 PM - 12:20 PM | 43.6 | 34.8 | 02:55 PM - 03:00 PM | 42.6 | 36.7 | 05:35 PM - 05:40 PM | 49.8 | 37.1 |
| 12:20 PM - 12:25 PM | 42.3 | 35.5 | 03:00 PM - 03:05 PM | 48.0 | 35.5 | 05:40 PM - 05:45 PM | 42.7 | 38.2 |
| 12:25 PM - 12:30 PM | 41.0 | 34.0 | 03:05 PM - 03:10 PM | 44.8 | 34.6 | 05:45 PM - 05:50 PM | 47.3 | 39.0 |
| 12:30 PM - 12:35 PM | 42.8 | 35.9 | 03:10 PM - 03:15 PM | 43.6 | 35.5 | 05:50 PM - 05:55 PM | 44.1 | 36.8 |
| 12:35 PM - 12:40 PM | 40.0 | 33.0 | 03:15 PM - 03:20 PM | 44.8 | 36.1 | 05:55 PM - 06:00 PM | 43.8 | 38.8 |
| 12:40 PM - 12:45 PM | 45.1 | 38.4 | 03:20 PM - 03:25 PM | 44.9 | 34.5 | 06:00 PM - 06:05 PM | 43.2 | 37.4 |
| 12:45 PM - 12:50 PM | 43.1 | 37.6 | 03:25 PM - 03:30 PM | 42.6 | 35.8 | 06:05 PM - 06:10 PM | 44.3 | 40.8 |
| 12:50 PM - 12:55 PM | 40.3 | 34.5 | 03:30 PM - 03:35 PM | 44.8 | 34.3 | 06:10 PM - 06:15 PM | 46.9 | 40.8 |
| 12:55 PM - 01:00 PM | 43.1 | 37.4 | 03:35 PM - 03:40 PM | 42.9 | 34.9 | 06:15 PM - 06:20 PM | 44.3 | 41.4 |
| 01:00 PM - 01:05 PM | 43.4 | 37.9 | 03:40 PM - 03:45 PM | 41.5 | 34.6 | 06:20 PM - 06:25 PM | 44.6 | 42.2 |
| 01:05 PM - 01:10 PM | 42.7 | 37.1 | 03:45 PM - 03:50 PM | 42.5 | 34.8 | 06:25 PM - 06:30 PM | 45.3 | 41.9 |
| 01:10 PM - 01:15 PM | 42.2 | 37.2 | 03:50 PM - 03:55 PM | 43.6 | 35.9 | 06:30 PM - 06:35 PM | 47.9 | 41.9 |
| 01:15 PM - 01:20 PM | 41.4 | 37.2 | 03:55 PM - 04:00 PM | 42.0 | 36.0 | 06:35 PM - 06:40 PM | 46.1 | 42.4 |
| 01:20 PM - 01:25 PM | 41.8 | 35.1 | 04:00 PM - 04:05 PM | 40.1 | 35.9 | 06:40 PM - 06:45 PM | 47.9 | 42.4 |
| 01:25 PM - 01:30 PM | 41.9 | 35.2 | 04:05 PM - 04:10 PM | 40.8 | 36.0 | 06:45 PM - 06:50 PM | 44.5 | 41.8 |
| 01:30 PM - 01:35 PM | 42.2 | 36.6 | 04:10 PM - 04:15 PM | 45.2 | 36.4 | 06:50 PM - 06:55 PM | 47.1 | 42.0 |
| 01:35 PM - 01:40 PM | 45.9 | 37.8 | 04:15 PM - 04:20 PM | 46.4 | 37.8 | 06:55 PM - 07:00 PM | 43.4 | 41.7 |
| 01:40 PM - 01:45 PM | 46.3 | 39.2 | 04:20 PM - 04:25 PM | 43.7 | 36.7 | 07:00 PM - 07:05 PM | 46.7 | 42.5 |
| 01:45 PM - 01:50 PM | 41.8 | 34.4 | 04:25 PM - 04:30 PM | 45.8 | 36.5 | 07:05 PM - 07:10 PM | 44.6 | 42.2 |
| 01:50 PM - 01:55 PM | 46.4 | 38.1 | 04:30 PM - 04:35 PM | 41.4 | 37.6 | 07:10 PM - 07:15 PM | 44.4 | 42.1 |
| 01:55 PM - 02:00 PM | 42.4 | 33.7 | 04:35 PM - 04:40 PM | 41.8 | 35.8 | 07:15 PM - 07:20 PM | 45.1 | 42.3 |
| 02:00 PM - 02:05 PM | 46.6 | 35.7 | 04:40 PM - 04:45 PM | 44.9 | 36.7 | 07:20 PM - 07:25 PM | 45.5 | 42.9 |
| 02:05 PM - 02:10 PM | 44.6 | 39.3 | 04:45 PM - 04:50 PM | 43.3 | 37.7 | 07:25 PM - 07:30 PM | 46.0 | 42.7 |
| 02:10 PM - 02:15 PM | 43.7 | 37.6 | 04:50 PM - 04:55 PM | 43.5 | 36.4 | 07:30 PM - 07:35 PM | 46.5 | 42.9 |
| 02:15 PM - 02:20 PM | 47.7 | 37.9 | 04:55 PM - 05:00 PM | 47.5 | 40.7 | 07:35 PM - 07:40 PM | 45.3 | 42.7 |
| 02:20 PM - 02:25 PM | 46.0 | 39.7 | 05:00 PM - 05:05 PM | 44.4 | 38.9 | 07:40 PM - 07:45 PM | 44.9 | 42.1 |
| 02:25 PM - 02:30 PM | 43.0 | 37.3 | 05:05 PM - 05:10 PM | 44.0 | 39.1 | 07:45 PM - 07:50 PM | 45.1 | 42.0 |
| 02:30 PM - 02:35 PM | 58.5 | 34.4 | 05:10 PM - 05:15 PM | 47.6 | 39.9 | 07:50 PM - 07:55 PM | 45.7 | 39.7 |
| 02:35 PM - 02:40 PM | 43.0 | 35.4 | 05:15 PM - 05:20 PM | 44.9 | 39.7 | 07:55 PM - 08:00 PM | 42.7 | 39.7 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854742-1



**Sample Number** 23128868-6
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28 - Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 08:00 PM - 08:05 PM | 44.0 | 41.6 | 10:40 PM - 10:45 PM | 38.8 | 36.7 | 01:20 AM - 01:25 AM | 38.5 | 34.1 |
| 08:05 PM - 08:10 PM | 61.4 | 42.8 | 10:45 PM - 10:50 PM | 45.5 | 36.6 | 01:25 AM - 01:30 AM | 37.8 | 35.9 |
| 08:10 PM - 08:15 PM | 54.9 | 43.2 | 10:50 PM - 10:55 PM | 40.4 | 37.3 | 01:30 AM - 01:35 AM | 38.8 | 35.9 |
| 08:15 PM - 08:20 PM | 52.0 | 42.7 | 10:55 PM - 11:00 PM | 38.2 | 36.4 | 01:35 AM - 01:40 AM | 37.6 | 35.0 |
| 08:20 PM - 08:25 PM | 51.6 | 41.1 | 11:00 PM - 11:05 PM | 48.9 | 38.6 | 01:40 AM - 01:45 AM | 36.4 | 34.5 |
| 08:25 PM - 08:30 PM | 45.9 | 42.2 | 11:05 PM - 11:10 PM | 41.0 | 39.0 | 01:45 AM - 01:50 AM | 37.7 | 34.8 |
| 08:30 PM - 08:35 PM | 44.8 | 41.3 | 11:10 PM - 11:15 PM | 43.2 | 37.2 | 01:50 AM - 01:55 AM | 38.5 | 36.2 |
| 08:35 PM - 08:40 PM | 43.7 | 41.1 | 11:15 PM - 11:20 PM | 38.2 | 36.2 | 01:55 AM - 02:00 AM | 37.7 | 35.1 |
| 08:40 PM - 08:45 PM | 43.7 | 41.6 | 11:20 PM - 11:25 PM | 39.9 | 36.4 | 02:00 AM - 02:05 AM | 48.1 | 36.3 |
| 08:45 PM - 08:50 PM | 41.7 | 39.6 | 11:25 PM - 11:30 PM | 38.6 | 35.7 | 02:05 AM - 02:10 AM | 38.0 | 36.1 |
| 08:50 PM - 08:55 PM | 49.6 | 40.5 | 11:30 PM - 11:35 PM | 37.4 | 34.4 | 02:10 AM - 02:15 AM | 41.4 | 35.9 |
| 08:55 PM - 09:00 PM | 45.2 | 40.2 | 11:35 PM - 11:40 PM | 37.5 | 35.1 | 02:15 AM - 02:20 AM | 37.8 | 35.5 |
| 09:00 PM - 09:05 PM | 41.6 | 39.8 | 11:40 PM - 11:45 PM | 36.9 | 35.3 | 02:20 AM - 02:25 AM | 37.2 | 34.6 |
| 09:05 PM - 09:10 PM | 42.0 | 39.7 | 11:45 PM - 11:50 PM | 36.8 | 34.1 | 02:25 AM - 02:30 AM | 57.6 | 36.8 |
| 09:10 PM - 09:15 PM | 41.9 | 40.6 | 11:50 PM - 11:55 PM | 36.3 | 34.8 | 02:30 AM - 02:35 AM | 57.5 | 35.6 |
| 09:15 PM - 09:20 PM | 44.3 | 40.4 | 11:55 PM - 12:00 AM | 38.3 | 35.4 | 02:35 AM - 02:40 AM | 56.5 | 36.0 |
| 09:20 PM - 09:25 PM | 42.5 | 40.4 | 12:00 AM - 12:05 AM | 36.0 | 33.7 | 02:40 AM - 02:45 AM | 47.3 | 35.8 |
| 09:25 PM - 09:30 PM | 42.9 | 40.3 | 12:05 AM - 12:10 AM | 39.4 | 37.1 | 02:45 AM - 02:50 AM | 37.9 | 36.1 |
| 09:30 PM - 09:35 PM | 40.4 | 37.8 | 12:10 AM - 12:15 AM | 39.3 | 38.2 | 02:50 AM - 02:55 AM | 38.9 | 35.5 |
| 09:35 PM - 09:40 PM | 41.1 | 37.3 | 12:15 AM - 12:20 AM | 39.9 | 38.3 | 02:55 AM - 03:00 AM | 37.4 | 34.0 |
| 09:40 PM - 09:45 PM | 46.8 | 39.3 | 12:20 AM - 12:25 AM | 39.2 | 38.0 | 03:00 AM - 03:05 AM | 35.9 | 33.3 |
| 09:45 PM - 09:50 PM | 41.6 | 37.9 | 12:25 AM - 12:30 AM | 40.4 | 38.5 | 03:05 AM - 03:10 AM | 36.0 | 34.1 |
| 09:50 PM - 09:55 PM | 50.1 | 39.8 | 12:30 AM - 12:35 AM | 39.1 | 38.1 | 03:10 AM - 03:15 AM | 51.3 | 33.8 |
| 09:55 PM - 10:00 PM | 50.4 | 40.3 | 12:35 AM - 12:40 AM | 41.6 | 38.4 | 03:15 AM - 03:20 AM | 44.9 | 34.4 |
| 10:00 PM - 10:05 PM | 43.6 | 39.4 | 12:40 AM - 12:45 AM | 40.9 | 37.9 | 03:20 AM - 03:25 AM | 36.7 | 34.5 |
| 10:05 PM - 10:10 PM | 39.8 | 38.6 | 12:45 AM - 12:50 AM | 36.5 | 33.7 | 03:25 AM - 03:30 AM | 35.7 | 34.1 |
| 10:10 PM - 10:15 PM | 43.5 | 39.1 | 12:50 AM - 12:55 AM | 38.4 | 35.7 | 03:30 AM - 03:35 AM | 38.6 | 34.2 |
| 10:15 PM - 10:20 PM | 43.5 | 38.3 | 12:55 AM - 01:00 AM | 38.4 | 34.3 | 03:35 AM - 03:40 AM | 47.6 | 33.7 |
| 10:20 PM - 10:25 PM | 53.7 | 36.6 | 01:00 AM - 01:05 AM | 41.3 | 38.2 | 03:40 AM - 03:45 AM | 60.1 | 37.3 |
| 10:25 PM - 10:30 PM | 40.6 | 37.4 | 01:05 AM - 01:10 AM | 39.9 | 37.6 | 03:45 AM - 03:50 AM | 48.0 | 33.7 |
| 10:30 PM - 10:35 PM | 39.0 | 37.4 | 01:10 AM - 01:15 AM | 52.8 | 34.3 | 03:50 AM - 03:55 AM | 43.1 | 33.1 |
| 10:35 PM - 10:40 PM | 40.3 | 36.4 | 01:15 AM - 01:20 AM | 49.0 | 34.5 | 03:55 AM - 04:00 AM | 39.8 | 32.8 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854742-1



**Sample Number** 23128868-6
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 04:00 AM - 04:05 AM | 39.8 | 34.1 | 06:40 AM - 06:45 AM | 45.7 | 40.8 | 09:20 AM - 09:25 AM | 43.1 | 36.6 |
| 04:05 AM - 04:10 AM | 37.1 | 34.0 | 06:45 AM - 06:50 AM | 50.8 | 41.0 | 09:25 AM - 09:30 AM | 43.3 | 35.5 |
| 04:10 AM - 04:15 AM | 37.1 | 34.1 | 06:50 AM - 06:55 AM | 44.7 | 40.7 | 09:30 AM - 09:35 AM | 43.2 | 36.9 |
| 04:15 AM - 04:20 AM | 37.6 | 33.4 | 06:55 AM - 07:00 AM | 49.3 | 41.0 | 09:35 AM - 09:40 AM | 39.5 | 35.3 |
| 04:20 AM - 04:25 AM | 49.7 | 35.0 | 07:00 AM - 07:05 AM | 44.4 | 40.2 | 09:40 AM - 09:45 AM | 40.9 | 36.3 |
| 04:25 AM - 04:30 AM | 50.8 | 35.3 | 07:05 AM - 07:10 AM | 47.0 | 41.0 | 09:45 AM - 09:50 AM | 43.5 | 36.9 |
| 04:30 AM - 04:35 AM | 47.3 | 33.4 | 07:10 AM - 07:15 AM | 46.7 | 41.6 | 09:50 AM - 09:55 AM | 59.5 | 37.6 |
| 04:35 AM - 04:40 AM | 44.6 | 34.8 | 07:15 AM - 07:20 AM | 50.0 | 42.4 | 09:55 AM - 10:00 AM | 41.3 | 36.7 |
| 04:40 AM - 04:45 AM | 46.9 | 35.6 | 07:20 AM - 07:25 AM | 51.0 | 44.0 | 10:00 AM - 10:05 AM | 44.1 | 36.0 |
| 04:45 AM - 04:50 AM | 42.3 | 35.9 | 07:25 AM - 07:30 AM | 48.7 | 44.7 | 10:05 AM - 10:10 AM | 54.1 | 36.5 |
| 04:50 AM - 04:55 AM | 39.4 | 36.6 | 07:30 AM - 07:35 AM | 50.8 | 44.6 | 10:10 AM - 10:15 AM | 49.1 | 35.1 |
| 04:55 AM - 05:00 AM | 48.3 | 37.0 | 07:35 AM - 07:40 AM | 50.6 | 44.0 | 10:15 AM - 10:20 AM | 38.4 | 33.8 |
| 05:00 AM - 05:05 AM | 43.4 | 38.4 | 07:40 AM - 07:45 AM | 47.6 | 41.4 | 10:20 AM - 10:25 AM | 42.9 | 36.5 |
| 05:05 AM - 05:10 AM | 43.6 | 36.9 | 07:45 AM - 07:50 AM | 49.9 | 41.3 | 10:25 AM - 10:30 AM | 44.1 | 36.3 |
| 05:10 AM - 05:15 AM | 50.0 | 37.4 | 07:50 AM - 07:55 AM | 47.0 | 36.8 | 10:30 AM - 10:35 AM | 42.9 | 38.3 |
| 05:15 AM - 05:20 AM | 51.8 | 36.6 | 07:55 AM - 08:00 AM | 45.2 | 37.4 | 10:35 AM - 10:40 AM | 45.1 | 39.7 |
| 05:20 AM - 05:25 AM | 48.4 | 37.7 | 08:00 AM - 08:05 AM | 45.2 | 40.4 | 10:40 AM - 10:45 AM | 43.9 | 38.5 |
| 05:25 AM - 05:30 AM | 45.5 | 37.6 | 08:05 AM - 08:10 AM | 45.0 | 39.2 | 10:45 AM - 10:50 AM | 43.0 | 38.4 |
| 05:30 AM - 05:35 AM | 44.8 | 37.3 | 08:10 AM - 08:15 AM | 41.8 | 37.5 | 10:50 AM - 10:55 AM | 43.2 | 37.6 |
| 05:35 AM - 05:40 AM | 44.8 | 37.8 | 08:15 AM - 08:20 AM | 45.3 | 37.4 | 10:55 AM - 11:00 AM | 39.5 | 34.2 |
| 05:40 AM - 05:45 AM | 47.2 | 38.6 | 08:20 AM - 08:25 AM | 46.4 | 37.9 | 11:00 AM - 11:05 AM | 43.5 | 38.6 |
| 05:45 AM - 05:50 AM | 48.9 | 38.4 | 08:25 AM - 08:30 AM | 45.0 | 36.9 | 11:05 AM - 11:10 AM | 40.4 | 36.5 |
| 05:50 AM - 05:55 AM | 52.5 | 37.8 | 08:30 AM - 08:35 AM | 47.6 | 37.6 | 11:10 AM - 11:15 AM | 40.6 | 35.5 |
| 05:55 AM - 06:00 AM | 49.3 | 38.5 | 08:35 AM - 08:40 AM | 45.4 | 36.9 | 11:15 AM - 11:20 AM | 45.2 | 40.2 |
| 06:00 AM - 06:05 AM | 50.3 | 39.0 | 08:40 AM - 08:45 AM | 44.4 | 36.9 | 11:20 AM - 11:25 AM | 44.7 | 40.0 |
| 06:05 AM - 06:10 AM | 45.2 | 39.3 | 08:45 AM - 08:50 AM | 40.8 | 34.6 | 11:25 AM - 11:30 AM | 45.9 | 39.5 |
| 06:10 AM - 06:15 AM | 46.2 | 39.4 | 08:50 AM - 08:55 AM | 42.9 | 35.5 | 11:30 AM - 11:35 AM | 51.0 | 37.5 |
| 06:15 AM - 06:20 AM | 45.3 | 38.7 | 08:55 AM - 09:00 AM | 42.7 | 38.4 | 11:35 AM - 11:40 AM | 58.5 | 36.9 |
| 06:20 AM - 06:25 AM | 48.9 | 40.4 | 09:00 AM - 09:05 AM | 45.7 | 37.0 | 11:40 AM - 11:45 AM | 48.1 | 40.1 |
| 06:25 AM - 06:30 AM | 52.9 | 40.8 | 09:05 AM - 09:10 AM | 41.8 | 35.8 | 11:45 AM - 11:50 AM | 40.4 | 34.7 |
| 06:30 AM - 06:35 AM | 49.6 | 39.7 | 09:10 AM - 09:15 AM | 41.1 | 37.3 | 11:50 AM - 11:55 AM | 41.3 | 34.6 |
| 06:35 AM - 06:40 AM | 51.6 | 40.4 | 09:15 AM - 09:20 AM | 42.1 | 36.5 | 11:55 AM - 12:00 PM | 47.7 | 35.2 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854743-1



**Sample Number** 23128868-7
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 12:00 PM - 12:05 PM | 40.6 | 34.7 | 02:40 PM - 02:45 PM | 46.7 | 38.5 | 05:20 PM - 05:25 PM | 48.1 | 37.3 |
| 12:05 PM - 12:10 PM | 42.1 | 33.8 | 02:45 PM - 02:50 PM | 46.0 | 39.6 | 05:25 PM - 05:30 PM | 44.2 | 37.7 |
| 12:10 PM - 12:15 PM | 42.0 | 36.5 | 02:50 PM - 02:55 PM | 43.8 | 35.9 | 05:30 PM - 05:35 PM | 44.4 | 36.3 |
| 12:15 PM - 12:20 PM | 39.7 | 34.3 | 02:55 PM - 03:00 PM | 45.7 | 37.6 | 05:35 PM - 05:40 PM | 54.8 | 36.4 |
| 12:20 PM - 12:25 PM | 42.1 | 36.0 | 03:00 PM - 03:05 PM | 48.3 | 35.9 | 05:40 PM - 05:45 PM | 48.0 | 37.3 |
| 12:25 PM - 12:30 PM | 40.1 | 35.8 | 03:05 PM - 03:10 PM | 48.3 | 37.1 | 05:45 PM - 05:50 PM | 53.2 | 37.9 |
| 12:30 PM - 12:35 PM | 42.0 | 37.3 | 03:10 PM - 03:15 PM | 40.9 | 34.8 | 05:50 PM - 05:55 PM | 41.9 | 36.2 |
| 12:35 PM - 12:40 PM | 44.9 | 35.8 | 03:15 PM - 03:20 PM | 47.0 | 39.1 | 05:55 PM - 06:00 PM | 46.3 | 38.6 |
| 12:40 PM - 12:45 PM | 59.7 | 38.0 | 03:20 PM - 03:25 PM | 46.9 | 38.5 | 06:00 PM - 06:05 PM | 46.3 | 37.5 |
| 12:45 PM - 12:50 PM | 47.4 | 38.8 | 03:25 PM - 03:30 PM | 47.9 | 38.2 | 06:05 PM - 06:10 PM | 52.0 | 37.7 |
| 12:50 PM - 12:55 PM | 49.1 | 46.4 | 03:30 PM - 03:35 PM | 45.6 | 37.9 | 06:10 PM - 06:15 PM | 52.1 | 37.1 |
| 12:55 PM - 01:00 PM | 45.6 | 39.7 | 03:35 PM - 03:40 PM | 43.6 | 37.1 | 06:15 PM - 06:20 PM | 43.5 | 37.3 |
| 01:00 PM - 01:05 PM | 50.3 | 41.3 | 03:40 PM - 03:45 PM | 43.6 | 38.5 | 06:20 PM - 06:25 PM | 42.2 | 37.5 |
| 01:05 PM - 01:10 PM | 47.4 | 42.6 | 03:45 PM - 03:50 PM | 47.0 | 36.6 | 06:25 PM - 06:30 PM | 44.3 | 38.2 |
| 01:10 PM - 01:15 PM | 50.1 | 45.1 | 03:50 PM - 03:55 PM | 60.5 | 37.8 | 06:30 PM - 06:35 PM | 44.8 | 39.5 |
| 01:15 PM - 01:20 PM | 46.6 | 38.2 | 03:55 PM - 04:00 PM | 44.9 | 37.1 | 06:35 PM - 06:40 PM | 43.8 | 39.6 |
| 01:20 PM - 01:25 PM | 45.0 | 37.3 | 04:00 PM - 04:05 PM | 45.4 | 36.7 | 06:40 PM - 06:45 PM | 45.6 | 39.7 |
| 01:25 PM - 01:30 PM | 42.8 | 38.6 | 04:05 PM - 04:10 PM | 46.1 | 40.2 | 06:45 PM - 06:50 PM | 42.7 | 38.5 |
| 01:30 PM - 01:35 PM | 43.6 | 37.8 | 04:10 PM - 04:15 PM | 44.8 | 36.5 | 06:50 PM - 06:55 PM | 44.4 | 38.8 |
| 01:35 PM - 01:40 PM | 42.3 | 35.1 | 04:15 PM - 04:20 PM | 43.1 | 37.1 | 06:55 PM - 07:00 PM | 49.8 | 39.2 |
| 01:40 PM - 01:45 PM | 44.4 | 37.6 | 04:20 PM - 04:25 PM | 44.9 | 37.1 | 07:00 PM - 07:05 PM | 43.1 | 38.8 |
| 01:45 PM - 01:50 PM | 46.8 | 41.9 | 04:25 PM - 04:30 PM | 46.9 | 36.3 | 07:05 PM - 07:10 PM | 46.3 | 38.7 |
| 01:50 PM - 01:55 PM | 43.6 | 38.2 | 04:30 PM - 04:35 PM | 56.5 | 36.8 | 07:10 PM - 07:15 PM | 45.6 | 39.0 |
| 01:55 PM - 02:00 PM | 43.7 | 36.8 | 04:35 PM - 04:40 PM | 43.3 | 37.8 | 07:15 PM - 07:20 PM | 45.7 | 38.2 |
| 02:00 PM - 02:05 PM | 52.8 | 35.8 | 04:40 PM - 04:45 PM | 47.7 | 41.4 | 07:20 PM - 07:25 PM | 47.3 | 39.9 |
| 02:05 PM - 02:10 PM | 42.5 | 38.4 | 04:45 PM - 04:50 PM | 46.6 | 37.9 | 07:25 PM - 07:30 PM | 46.0 | 39.5 |
| 02:10 PM - 02:15 PM | 50.3 | 44.8 | 04:50 PM - 04:55 PM | 59.0 | 38.4 | 07:30 PM - 07:35 PM | 46.0 | 39.4 |
| 02:15 PM - 02:20 PM | 48.9 | 44.7 | 04:55 PM - 05:00 PM | 44.9 | 38.0 | 07:35 PM - 07:40 PM | 43.8 | 38.5 |
| 02:20 PM - 02:25 PM | 52.4 | 42.9 | 05:00 PM - 05:05 PM | 48.4 | 37.0 | 07:40 PM - 07:45 PM | 43.5 | 39.3 |
| 02:25 PM - 02:30 PM | 50.9 | 42.5 | 05:05 PM - 05:10 PM | 46.5 | 38.3 | 07:45 PM - 07:50 PM | 44.6 | 39.2 |
| 02:30 PM - 02:35 PM | 46.6 | 40.5 | 05:10 PM - 05:15 PM | 48.0 | 37.0 | 07:50 PM - 07:55 PM | 46.3 | 40.0 |
| 02:35 PM - 02:40 PM | 43.2 | 37.3 | 05:15 PM - 05:20 PM | 47.8 | 37.1 | 07:55 PM - 08:00 PM | 45.6 | 39.9 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854743-1



**Sample Number** 23128868-7
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29 - Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 08:00 PM - 08:05 PM | 49.3 | 40.1 | 10:40 PM - 10:45 PM | 63.5 | 40.1 | 01:20 AM - 01:25 AM | 37.8 | 33.3 |
| 08:05 PM - 08:10 PM | 45.4 | 40.4 | 10:45 PM - 10:50 PM | 49.5 | 43.9 | 01:25 AM - 01:30 AM | 38.5 | 33.2 |
| 08:10 PM - 08:15 PM | 45.5 | 39.8 | 10:50 PM - 10:55 PM | 48.3 | 44.3 | 01:30 AM - 01:35 AM | 36.0 | 34.0 |
| 08:15 PM - 08:20 PM | 45.4 | 39.4 | 10:55 PM - 11:00 PM | 50.4 | 42.3 | 01:35 AM - 01:40 AM | 36.3 | 34.1 |
| 08:20 PM - 08:25 PM | 43.3 | 39.1 | 11:00 PM - 11:05 PM | 54.0 | 46.4 | 01:40 AM - 01:45 AM | 37.4 | 36.0 |
| 08:25 PM - 08:30 PM | 42.3 | 38.6 | 11:05 PM - 11:10 PM | 45.1 | 39.3 | 01:45 AM - 01:50 AM | 36.7 | 35.6 |
| 08:30 PM - 08:35 PM | 42.6 | 38.6 | 11:10 PM - 11:15 PM | 47.7 | 37.7 | 01:50 AM - 01:55 AM | 37.8 | 36.3 |
| 08:35 PM - 08:40 PM | 42.3 | 38.4 | 11:15 PM - 11:20 PM | 41.0 | 35.6 | 01:55 AM - 02:00 AM | 36.0 | 35.1 |
| 08:40 PM - 08:45 PM | 47.6 | 39.0 | 11:20 PM - 11:25 PM | 39.4 | 35.1 | 02:00 AM - 02:05 AM | 34.6 | 31.6 |
| 08:45 PM - 08:50 PM | 44.7 | 38.6 | 11:25 PM - 11:30 PM | 39.7 | 34.9 | 02:05 AM - 02:10 AM | 40.9 | 32.7 |
| 08:50 PM - 08:55 PM | 41.1 | 38.3 | 11:30 PM - 11:35 PM | 38.0 | 34.1 | 02:10 AM - 02:15 AM | 36.6 | 33.0 |
| 08:55 PM - 09:00 PM | 44.2 | 37.8 | 11:35 PM - 11:40 PM | 40.0 | 34.0 | 02:15 AM - 02:20 AM | 35.0 | 33.4 |
| 09:00 PM - 09:05 PM | 41.9 | 37.4 | 11:40 PM - 11:45 PM | 36.0 | 33.6 | 02:20 AM - 02:25 AM | 48.1 | 32.9 |
| 09:05 PM - 09:10 PM | 42.1 | 37.9 | 11:45 PM - 11:50 PM | 35.9 | 34.7 | 02:25 AM - 02:30 AM | 35.2 | 32.6 |
| 09:10 PM - 09:15 PM | 42.7 | 37.6 | 11:50 PM - 11:55 PM | 37.1 | 33.8 | 02:30 AM - 02:35 AM | 42.3 | 32.6 |
| 09:15 PM - 09:20 PM | 44.4 | 37.7 | 11:55 PM - 12:00 AM | 39.4 | 35.4 | 02:35 AM - 02:40 AM | 35.4 | 33.4 |
| 09:20 PM - 09:25 PM | 43.2 | 38.6 | 12:00 AM - 12:05 AM | 35.9 | 33.5 | 02:40 AM - 02:45 AM | 35.8 | 34.3 |
| 09:25 PM - 09:30 PM | 43.1 | 38.7 | 12:05 AM - 12:10 AM | 36.0 | 33.3 | 02:45 AM - 02:50 AM | 38.5 | 36.1 |
| 09:30 PM - 09:35 PM | 48.6 | 38.6 | 12:10 AM - 12:15 AM | 45.0 | 34.6 | 02:50 AM - 02:55 AM | 37.2 | 35.7 |
| 09:35 PM - 09:40 PM | 42.9 | 39.5 | 12:15 AM - 12:20 AM | 35.8 | 32.7 | 02:55 AM - 03:00 AM | 38.5 | 35.3 |
| 09:40 PM - 09:45 PM | 50.1 | 40.1 | 12:20 AM - 12:25 AM | 37.5 | 35.1 | 03:00 AM - 03:05 AM | 38.0 | 35.4 |
| 09:45 PM - 09:50 PM | 44.2 | 40.5 | 12:25 AM - 12:30 AM | 36.0 | 33.4 | 03:05 AM - 03:10 AM | 37.9 | 35.1 |
| 09:50 PM - 09:55 PM | 44.0 | 40.5 | 12:30 AM - 12:35 AM | 35.3 | 32.6 | 03:10 AM - 03:15 AM | 44.3 | 34.1 |
| 09:55 PM - 10:00 PM | 42.7 | 39.2 | 12:35 AM - 12:40 AM | 38.7 | 35.4 | 03:15 AM - 03:20 AM | 46.1 | 36.5 |
| 10:00 PM - 10:05 PM | 40.4 | 38.7 | 12:40 AM - 12:45 AM | 36.3 | 33.8 | 03:20 AM - 03:25 AM | 37.9 | 35.9 |
| 10:05 PM - 10:10 PM | 41.5 | 38.0 | 12:45 AM - 12:50 AM | 35.9 | 34.2 | 03:25 AM - 03:30 AM | 37.7 | 36.0 |
| 10:10 PM - 10:15 PM | 43.2 | 39.0 | 12:50 AM - 12:55 AM | 36.0 | 33.9 | 03:30 AM - 03:35 AM | 37.9 | 35.6 |
| 10:15 PM - 10:20 PM | 42.7 | 39.6 | 12:55 AM - 01:00 AM | 36.8 | 35.0 | 03:35 AM - 03:40 AM | 42.0 | 36.0 |
| 10:20 PM - 10:25 PM | 53.1 | 37.8 | 01:00 AM - 01:05 AM | 35.6 | 33.6 | 03:40 AM - 03:45 AM | 58.4 | 35.8 |
| 10:25 PM - 10:30 PM | 53.2 | 41.1 | 01:05 AM - 01:10 AM | 36.8 | 34.1 | 03:45 AM - 03:50 AM | 41.8 | 34.7 |
| 10:30 PM - 10:35 PM | 41.2 | 38.1 | 01:10 AM - 01:15 AM | 35.4 | 33.7 | 03:50 AM - 03:55 AM | 37.5 | 33.1 |
| 10:35 PM - 10:40 PM | 68.9 | 37.3 | 01:15 AM - 01:20 AM | 35.7 | 33.5 | 03:55 AM - 04:00 AM | 43.2 | 35.5 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854743-1



**Sample Number** 23128868-7
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 920833

| Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 04:00 AM - 04:05 AM | 54.0 | 35.3 | 06:40 AM - 06:45 AM | 45.5 | 41.1 | 09:20 AM - 09:25 AM | 46.7 | 37.2 |
| 04:05 AM - 04:10 AM | 43.5 | 35.2 | 06:45 AM - 06:50 AM | 48.1 | 39.1 | 09:25 AM - 09:30 AM | 44.8 | 36.8 |
| 04:10 AM - 04:15 AM | 39.1 | 36.1 | 06:50 AM - 06:55 AM | 58.7 | 41.3 | 09:30 AM - 09:35 AM | 49.3 | 37.0 |
| 04:15 AM - 04:20 AM | 44.2 | 34.7 | 06:55 AM - 07:00 AM | 60.4 | 40.8 | 09:35 AM - 09:40 AM | 54.4 | 37.5 |
| 04:20 AM - 04:25 AM | 48.9 | 36.0 | 07:00 AM - 07:05 AM | 47.9 | 40.7 | 09:40 AM - 09:45 AM | 47.3 | 38.1 |
| 04:25 AM - 04:30 AM | 44.6 | 37.2 | 07:05 AM - 07:10 AM | 46.2 | 41.3 | 09:45 AM - 09:50 AM | 45.7 | 37.1 |
| 04:30 AM - 04:35 AM | 42.6 | 37.2 | 07:10 AM - 07:15 AM | 47.1 | 40.3 | 09:50 AM - 09:55 AM | 44.8 | 39.4 |
| 04:35 AM - 04:40 AM | 47.1 | 36.5 | 07:15 AM - 07:20 AM | 46.9 | 42.3 | 09:55 AM - 10:00 AM | 48.6 | 40.2 |
| 04:40 AM - 04:45 AM | 52.0 | 36.4 | 07:20 AM - 07:25 AM | 59.7 | 44.2 | 10:00 AM - 10:05 AM | 49.7 | 38.7 |
| 04:45 AM - 04:50 AM | 47.7 | 35.3 | 07:25 AM - 07:30 AM | 48.8 | 44.8 | 10:05 AM - 10:10 AM | 53.7 | 38.3 |
| 04:50 AM - 04:55 AM | 45.4 | 35.7 | 07:30 AM - 07:35 AM | 49.3 | 43.8 | 10:10 AM - 10:15 AM | 47.4 | 41.7 |
| 04:55 AM - 05:00 AM | 43.4 | 35.6 | 07:35 AM - 07:40 AM | 52.0 | 41.8 | 10:15 AM - 10:20 AM | 48.2 | 39.8 |
| 05:00 AM - 05:05 AM | 49.3 | 37.0 | 07:40 AM - 07:45 AM | 51.9 | 44.4 | 10:20 AM - 10:25 AM | 44.2 | 39.6 |
| 05:05 AM - 05:10 AM | 51.4 | 36.6 | 07:45 AM - 07:50 AM | 57.8 | 40.5 | 10:25 AM - 10:30 AM | 47.9 | 42.7 |
| 05:10 AM - 05:15 AM | 50.4 | 36.5 | 07:50 AM - 07:55 AM | 53.8 | 40.3 | 10:30 AM - 10:35 AM | 49.2 | 45.3 |
| 05:15 AM - 05:20 AM | 45.7 | 38.5 | 07:55 AM - 08:00 AM | 47.5 | 38.1 | 10:35 AM - 10:40 AM | 50.6 | 44.3 |
| 05:20 AM - 05:25 AM | 40.9 | 37.1 | 08:00 AM - 08:05 AM | 45.2 | 37.9 | 10:40 AM - 10:45 AM | 47.5 | 41.9 |
| 05:25 AM - 05:30 AM | 41.0 | 37.4 | 08:05 AM - 08:10 AM | 43.0 | 37.9 | 10:45 AM - 10:50 AM | 47.0 | 39.3 |
| 05:30 AM - 05:35 AM | 42.6 | 38.1 | 08:10 AM - 08:15 AM | 44.1 | 38.9 | 10:50 AM - 10:55 AM | 56.3 | 40.9 |
| 05:35 AM - 05:40 AM | 49.9 | 38.0 | 08:15 AM - 08:20 AM | 46.0 | 39.4 | 10:55 AM - 11:00 AM | 53.3 | 42.4 |
| 05:40 AM - 05:45 AM | 53.3 | 39.1 | 08:20 AM - 08:25 AM | 45.3 | 39.3 | 11:00 AM - 11:05 AM | 45.3 | 38.5 |
| 05:45 AM - 05:50 AM | 49.9 | 38.8 | 08:25 AM - 08:30 AM | 47.4 | 40.4 | 11:05 AM - 11:10 AM | 46.9 | 40.6 |
| 05:50 AM - 05:55 AM | 52.0 | 39.9 | 08:30 AM - 08:35 AM | 48.8 | 42.8 | 11:10 AM - 11:15 AM | 49.9 | 37.7 |
| 05:55 AM - 06:00 AM | 50.9 | 40.4 | 08:35 AM - 08:40 AM | 52.7 | 43.1 | 11:15 AM - 11:20 AM | 52.4 | 43.4 |
| 06:00 AM - 06:05 AM | 48.7 | 39.6 | 08:40 AM - 08:45 AM | 52.6 | 45.5 | 11:20 AM - 11:25 AM | 49.6 | 43.1 |
| 06:05 AM - 06:10 AM | 47.3 | 39.8 | 08:45 AM - 08:50 AM | 57.9 | 43.6 | 11:25 AM - 11:30 AM | 48.8 | 40.6 |
| 06:10 AM - 06:15 AM | 47.7 | 40.6 | 08:50 AM - 08:55 AM | 52.8 | 45.9 | 11:30 AM - 11:35 AM | 51.8 | 39.5 |
| 06:15 AM - 06:20 AM | 49.4 | 40.1 | 08:55 AM - 09:00 AM | 51.0 | 44.7 | 11:35 AM - 11:40 AM | 48.7 | 41.4 |
| 06:20 AM - 06:25 AM | 51.3 | 41.1 | 09:00 AM - 09:05 AM | 60.1 | 44.2 | 11:40 AM - 11:45 AM | 48.0 | 38.0 |
| 06:25 AM - 06:30 AM | 47.8 | 40.2 | 09:05 AM - 09:10 AM | 56.1 | 41.8 | 11:45 AM - 11:50 AM | 48.6 | 39.8 |
| 06:30 AM - 06:35 AM | 47.0 | 41.3 | 09:10 AM - 09:15 AM | 53.1 | 41.5 | 11:50 AM - 11:55 AM | 45.6 | 39.1 |
| 06:35 AM - 06:40 AM | 48.0 | 40.6 | 09:15 AM - 09:20 AM | 46.2 | 40.6 | 10:55 AM - 11:00 AM | 44.8 | 40.1 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854744-1



**Sample Number** 23128868-8
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 11:00 AM - 11:05 AM | 54.6 | 44.2 | 01:40 PM - 01:45 PM | 52.5 | 45.5 | 04:20 PM - 04:25 PM | 55.1 | 45.7 |
| 11:05 AM - 11:10 AM | 52.4 | 43.2 | 01:45 PM - 01:50 PM | 51.9 | 45.2 | 04:25 PM - 04:30 PM | 58.5 | 43.0 |
| 11:10 AM - 11:15 AM | 51.8 | 46.6 | 01:50 PM - 01:55 PM | 52.2 | 42.0 | 04:30 PM - 04:35 PM | 57.6 | 43.9 |
| 11:15 AM - 11:20 AM | 49.9 | 44.9 | 01:55 PM - 02:00 PM | 56.2 | 46.0 | 04:35 PM - 04:40 PM | 55.4 | 43.2 |
| 11:20 AM - 11:25 AM | 50.8 | 44.7 | 02:00 PM - 02:05 PM | 57.2 | 48.3 | 04:40 PM - 04:45 PM | 54.8 | 43.8 |
| 11:25 AM - 11:30 AM | 53.2 | 47.1 | 02:05 PM - 02:10 PM | 51.5 | 45.0 | 04:45 PM - 04:50 PM | 56.1 | 45.6 |
| 11:30 AM - 11:35 AM | 54.6 | 45.2 | 02:10 PM - 02:15 PM | 52.9 | 44.6 | 04:50 PM - 04:55 PM | 58.0 | 48.1 |
| 11:35 AM - 11:40 AM | 53.0 | 46.7 | 02:15 PM - 02:20 PM | 53.6 | 43.3 | 04:55 PM - 05:00 PM | 53.4 | 44.9 |
| 11:40 AM - 11:45 AM | 51.3 | 44.7 | 02:20 PM - 02:25 PM | 57.7 | 44.0 | 05:00 PM - 05:05 PM | 57.4 | 43.2 |
| 11:45 AM - 11:50 AM | 56.3 | 49.1 | 02:25 PM - 02:30 PM | 52.3 | 43.5 | 05:05 PM - 05:10 PM | 54.7 | 44.8 |
| 11:50 AM - 11:55 AM | 57.0 | 49.2 | 02:30 PM - 02:35 PM | 56.6 | 44.4 | 05:10 PM - 05:15 PM | 55.3 | 44.9 |
| 11:55 AM - 12:00 PM | 58.0 | 48.8 | 02:35 PM - 02:40 PM | 54.0 | 45.5 | 05:15 PM - 05:20 PM | 53.3 | 46.5 |
| 12:00 PM - 12:05 PM | 60.3 | 47.8 | 02:40 PM - 02:45 PM | 54.9 | 45.9 | 05:20 PM - 05:25 PM | 53.7 | 47.2 |
| 12:05 PM - 12:10 PM | 53.9 | 45.0 | 02:45 PM - 02:50 PM | 54.8 | 47.1 | 05:25 PM - 05:30 PM | 56.9 | 46.1 |
| 12:10 PM - 12:15 PM | 52.0 | 46.3 | 02:50 PM - 02:55 PM | 54.5 | 45.0 | 05:30 PM - 05:35 PM | 57.4 | 49.3 |
| 12:15 PM - 12:20 PM | 54.5 | 45.1 | 02:55 PM - 03:00 PM | 56.5 | 42.3 | 05:35 PM - 05:40 PM | 54.6 | 45.2 |
| 12:20 PM - 12:25 PM | 50.1 | 45.0 | 03:00 PM - 03:05 PM | 58.0 | 46.5 | 05:40 PM - 05:45 PM | 55.0 | 48.4 |
| 12:25 PM - 12:30 PM | 48.7 | 42.1 | 03:05 PM - 03:10 PM | 59.7 | 46.1 | 05:45 PM - 05:50 PM | 52.6 | 45.8 |
| 12:30 PM - 12:35 PM | 47.3 | 41.4 | 03:10 PM - 03:15 PM | 53.8 | 42.4 | 05:50 PM - 05:55 PM | 53.5 | 45.9 |
| 12:35 PM - 12:40 PM | 62.2 | 42.2 | 03:15 PM - 03:20 PM | 54.5 | 44.3 | 05:55 PM - 06:00 PM | 54.2 | 45.5 |
| 12:40 PM - 12:45 PM | 51.9 | 44.0 | 03:20 PM - 03:25 PM | 55.2 | 44.9 | 06:00 PM - 06:05 PM | 53.5 | 46.3 |
| 12:45 PM - 12:50 PM | 53.4 | 44.2 | 03:25 PM - 03:30 PM | 53.3 | 44.5 | 06:05 PM - 06:10 PM | 52.9 | 45.7 |
| 12:50 PM - 12:55 PM | 54.9 | 47.2 | 03:30 PM - 03:35 PM | 59.0 | 49.0 | 06:10 PM - 06:15 PM | 56.5 | 44.6 |
| 12:55 PM - 01:00 PM | 51.0 | 45.1 | 03:35 PM - 03:40 PM | 53.5 | 44.4 | 06:15 PM - 06:20 PM | 50.0 | 45.2 |
| 01:00 PM - 01:05 PM | 51.1 | 44.5 | 03:40 PM - 03:45 PM | 53.3 | 42.6 | 06:20 PM - 06:25 PM | 48.9 | 44.7 |
| 01:05 PM - 01:10 PM | 54.8 | 42.0 | 03:45 PM - 03:50 PM | 53.5 | 43.5 | 06:25 PM - 06:30 PM | 50.2 | 45.2 |
| 01:10 PM - 01:15 PM | 56.2 | 44.9 | 03:50 PM - 03:55 PM | 53.6 | 45.5 | 06:30 PM - 06:35 PM | 53.5 | 46.0 |
| 01:15 PM - 01:20 PM | 54.0 | 43.2 | 03:55 PM - 04:00 PM | 52.6 | 44.5 | 06:35 PM - 06:40 PM | 50.2 | 45.8 |
| 01:20 PM - 01:25 PM | 49.4 | 44.4 | 04:00 PM - 04:05 PM | 57.8 | 45.7 | 06:40 PM - 06:45 PM | 56.7 | 45.9 |
| 01:25 PM - 01:30 PM | 52.5 | 43.8 | 04:05 PM - 04:10 PM | 57.1 | 46.8 | 06:45 PM - 06:50 PM | 50.2 | 45.7 |
| 01:30 PM - 01:35 PM | 52.7 | 44.1 | 04:10 PM - 04:15 PM | 57.7 | 44.7 | 06:50 PM - 06:55 PM | 50.0 | 45.8 |
| 01:35 PM - 01:40 PM | 52.4 | 43.1 | 04:15 PM - 04:20 PM | 58.3 | 46.1 | 06:55 PM - 07:00 PM | 58.6 | 46.1 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854744-1



**Sample Number** 23128868-8
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23 - Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 07:00 PM - 07:05 PM | 49.3 | 46.1 | 09:40 PM - 09:45 PM | 46.1 | 44.1 | 12:20 AM - 12:25 AM | 44.3 | 43.4 |
| 07:05 PM - 07:10 PM | 49.4 | 46.7 | 09:45 PM - 09:50 PM | 46.3 | 44.2 | 12:25 AM - 12:30 AM | 45.0 | 43.3 |
| 07:10 PM - 07:15 PM | 48.8 | 45.2 | 09:50 PM - 09:55 PM | 47.3 | 44.2 | 12:30 AM - 12:35 AM | 45.7 | 43.5 |
| 07:15 PM - 07:20 PM | 53.5 | 45.3 | 09:55 PM - 10:00 PM | 47.6 | 44.6 | 12:35 AM - 12:40 AM | 44.1 | 43.5 |
| 07:20 PM - 07:25 PM | 49.1 | 44.8 | 10:00 PM - 10:05 PM | 45.9 | 44.0 | 12:40 AM - 12:45 AM | 45.1 | 42.9 |
| 07:25 PM - 07:30 PM | 53.1 | 44.2 | 10:05 PM - 10:10 PM | 45.9 | 43.6 | 12:45 AM - 12:50 AM | 43.5 | 42.8 |
| 07:30 PM - 07:35 PM | 48.4 | 44.2 | 10:10 PM - 10:15 PM | 44.5 | 43.3 | 12:50 AM - 12:55 AM | 51.7 | 42.8 |
| 07:35 PM - 07:40 PM | 47.8 | 44.7 | 10:15 PM - 10:20 PM | 44.9 | 43.8 | 12:55 AM - 01:00 AM | 43.7 | 42.4 |
| 07:40 PM - 07:45 PM | 50.4 | 44.1 | 10:20 PM - 10:25 PM | 46.9 | 44.4 | 01:00 AM - 01:05 AM | 43.7 | 42.2 |
| 07:45 PM - 07:50 PM | 46.3 | 44.1 | 10:25 PM - 10:30 PM | 44.4 | 43.4 | 01:05 AM - 01:10 AM | 43.2 | 42.5 |
| 07:50 PM - 07:55 PM | 53.3 | 44.2 | 10:30 PM - 10:35 PM | 46.2 | 43.1 | 01:10 AM - 01:15 AM | 43.1 | 42.5 |
| 07:55 PM - 08:00 PM | 53.1 | 43.9 | 10:35 PM - 10:40 PM | 44.1 | 43.2 | 01:15 AM - 01:20 AM | 44.3 | 42.8 |
| 08:00 PM - 08:05 PM | 47.1 | 44.4 | 10:40 PM - 10:45 PM | 43.5 | 42.3 | 01:20 AM - 01:25 AM | 44.0 | 42.9 |
| 08:05 PM - 08:10 PM | 47.4 | 44.3 | 10:45 PM - 10:50 PM | 43.8 | 42.7 | 01:25 AM - 01:30 AM | 43.5 | 42.5 |
| 08:10 PM - 08:15 PM | 50.3 | 44.0 | 10:50 PM - 10:55 PM | 43.6 | 42.8 | 01:30 AM - 01:35 AM | 43.7 | 42.8 |
| 08:15 PM - 08:20 PM | 50.7 | 46.0 | 10:55 PM - 11:00 PM | 44.9 | 42.6 | 01:35 AM - 01:40 AM | 49.7 | 42.8 |
| 08:20 PM - 08:25 PM | 47.3 | 44.6 | 11:00 PM - 11:05 PM | 44.8 | 42.3 | 01:40 AM - 01:45 AM | 48.5 | 42.8 |
| 08:25 PM - 08:30 PM | 48.3 | 43.9 | 11:05 PM - 11:10 PM | 49.8 | 43.2 | 01:45 AM - 01:50 AM | 44.2 | 42.6 |
| 08:30 PM - 08:35 PM | 48.3 | 44.2 | 11:10 PM - 11:15 PM | 45.3 | 43.0 | 01:50 AM - 01:55 AM | 43.5 | 42.6 |
| 08:35 PM - 08:40 PM | 45.9 | 43.9 | 11:15 PM - 11:20 PM | 47.5 | 43.7 | 01:55 AM - 02:00 AM | 44.8 | 42.9 |
| 08:40 PM - 08:45 PM | 46.3 | 43.4 | 11:20 PM - 11:25 PM | 43.9 | 42.7 | 02:00 AM - 02:05 AM | 47.5 | 42.8 |
| 08:45 PM - 08:50 PM | 47.2 | 42.7 | 11:25 PM - 11:30 PM | 43.8 | 42.9 | 02:05 AM - 02:10 AM | 44.2 | 42.4 |
| 08:50 PM - 08:55 PM | 47.6 | 44.0 | 11:30 PM - 11:35 PM | 47.1 | 42.9 | 02:10 AM - 02:15 AM | 45.0 | 42.5 |
| 08:55 PM - 09:00 PM | 46.9 | 44.3 | 11:35 PM - 11:40 PM | 45.0 | 43.1 | 02:15 AM - 02:20 AM | 42.6 | 42.0 |
| 09:00 PM - 09:05 PM | 45.7 | 43.7 | 11:40 PM - 11:45 PM | 44.4 | 42.8 | 02:20 AM - 02:25 AM | 49.8 | 42.2 |
| 09:05 PM - 09:10 PM | 45.9 | 44.3 | 11:45 PM - 11:50 PM | 44.1 | 43.1 | 02:25 AM - 02:30 AM | 47.0 | 42.3 |
| 09:10 PM - 09:15 PM | 48.0 | 45.0 | 11:50 PM - 11:55 PM | 44.6 | 42.4 | 02:30 AM - 02:35 AM | 43.9 | 42.5 |
| 09:15 PM - 09:20 PM | 45.8 | 44.4 | 11:55 PM - 12:00 AM | 44.5 | 43.0 | 02:35 AM - 02:40 AM | 44.2 | 42.9 |
| 09:20 PM - 09:25 PM | 46.1 | 44.1 | 12:00 AM - 12:05 AM | 43.9 | 43.2 | 02:40 AM - 02:45 AM | 44.2 | 43.3 |
| 09:25 PM - 09:30 PM | 50.4 | 44.5 | 12:05 AM - 12:10 AM | 44.0 | 43.1 | 02:45 AM - 02:50 AM | 45.2 | 43.9 |
| 09:30 PM - 09:35 PM | 48.6 | 44.1 | 12:10 AM - 12:15 AM | 44.5 | 43.1 | 02:50 AM - 02:55 AM | 45.4 | 44.8 |
| 09:35 PM - 09:40 PM | 44.9 | 43.5 | 12:15 AM - 12:20 AM | 43.9 | 43.3 | 02:55 AM - 03:00 AM | 45.5 | 44.3 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854744-1



**Sample Number** 23128868-8
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 03:00 AM - 03:05 AM | 49.0 | 44.1 | 05:40 AM - 05:45 AM | 52.1 | 45.2 | 08:20 AM - 08:25 AM | 53.4 | 44.4 |
| 03:05 AM - 03:10 AM | 45.2 | 44.0 | 05:45 AM - 05:50 AM | 58.0 | 45.7 | 08:25 AM - 08:30 AM | 53.0 | 46.0 |
| 03:10 AM - 03:15 AM | 44.5 | 44.0 | 05:50 AM - 05:55 AM | 60.0 | 45.9 | 08:30 AM - 08:35 AM | 54.3 | 45.6 |
| 03:15 AM - 03:20 AM | 44.8 | 43.6 | 05:55 AM - 06:00 AM | 58.4 | 47.0 | 08:35 AM - 08:40 AM | 56.6 | 43.7 |
| 03:20 AM - 03:25 AM | 44.5 | 43.5 | 06:00 AM - 06:05 AM | 57.8 | 47.1 | 08:40 AM - 08:45 AM | 58.0 | 45.2 |
| 03:25 AM - 03:30 AM | 45.1 | 44.1 | 06:05 AM - 06:10 AM | 57.7 | 46.4 | 08:45 AM - 08:50 AM | 54.2 | 43.9 |
| 03:30 AM - 03:35 AM | 44.4 | 43.8 | 06:10 AM - 06:15 AM | 57.4 | 45.6 | 08:50 AM - 08:55 AM | 56.1 | 43.6 |
| 03:35 AM - 03:40 AM | 45.0 | 44.2 | 06:15 AM - 06:20 AM | 57.1 | 45.0 | 08:55 AM - 09:00 AM | 60.4 | 46.6 |
| 03:40 AM - 03:45 AM | 44.7 | 44.2 | 06:20 AM - 06:25 AM | 52.9 | 45.3 | 09:00 AM - 09:05 AM | 58.8 | 49.2 |
| 03:45 AM - 03:50 AM | 44.2 | 43.6 | 06:25 AM - 06:30 AM | 54.4 | 45.5 | 09:05 AM - 09:10 AM | 54.6 | 47.0 |
| 03:50 AM - 03:55 AM | 44.8 | 44.0 | 06:30 AM - 06:35 AM | 57.2 | 45.4 | 09:10 AM - 09:15 AM | 53.1 | 47.0 |
| 03:55 AM - 04:00 AM | 53.4 | 44.3 | 06:35 AM - 06:40 AM | 49.4 | 45.3 | 09:15 AM - 09:20 AM | 54.3 | 47.4 |
| 04:00 AM - 04:05 AM | 47.5 | 44.0 | 06:40 AM - 06:45 AM | 48.0 | 45.1 | 09:20 AM - 09:25 AM | 55.7 | 45.5 |
| 04:05 AM - 04:10 AM | 44.7 | 43.9 | 06:45 AM - 06:50 AM | 49.8 | 44.7 | 09:25 AM - 09:30 AM | 57.9 | 48.2 |
| 04:10 AM - 04:15 AM | 45.1 | 44.2 | 06:50 AM - 06:55 AM | 53.3 | 44.6 | 09:30 AM - 09:35 AM | 57.2 | 45.9 |
| 04:15 AM - 04:20 AM | 49.9 | 44.5 | 06:55 AM - 07:00 AM | 52.8 | 44.8 | 09:35 AM - 09:40 AM | 59.4 | 49.9 |
| 04:20 AM - 04:25 AM | 49.8 | 43.5 | 07:00 AM - 07:05 AM | 51.2 | 44.3 | 09:40 AM - 09:45 AM | 56.8 | 46.3 |
| 04:25 AM - 04:30 AM | 44.5 | 43.3 | 07:05 AM - 07:10 AM | 52.1 | 45.6 | 09:45 AM - 09:50 AM | 57.4 | 47.9 |
| 04:30 AM - 04:35 AM | 44.8 | 43.2 | 07:10 AM - 07:15 AM | 51.0 | 44.4 | 09:50 AM - 09:55 AM | 61.6 | 50.0 |
| 04:35 AM - 04:40 AM | 44.5 | 43.4 | 07:15 AM - 07:20 AM | 48.4 | 43.9 | 09:55 AM - 10:00 AM | 55.6 | 43.9 |
| 04:40 AM - 04:45 AM | 45.3 | 43.1 | 07:20 AM - 07:25 AM | 51.5 | 45.9 | 10:00 AM - 10:05 AM | 57.0 | 46.3 |
| 04:45 AM - 04:50 AM | 53.1 | 42.9 | 07:25 AM - 07:30 AM | 50.4 | 44.5 | 10:05 AM - 10:10 AM | 53.8 | 47.0 |
| 04:50 AM - 04:55 AM | 51.6 | 43.4 | 07:30 AM - 07:35 AM | 50.0 | 45.6 | 10:10 AM - 10:15 AM | 54.3 | 47.4 |
| 04:55 AM - 05:00 AM | 48.3 | 43.8 | 07:35 AM - 07:40 AM | 53.1 | 47.3 | 10:15 AM - 10:20 AM | 56.8 | 45.2 |
| 05:00 AM - 05:05 AM | 53.2 | 43.9 | 07:40 AM - 07:45 AM | 53.6 | 47.0 | 10:20 AM - 10:25 AM | 60.6 | 43.3 |
| 05:05 AM - 05:10 AM | 51.4 | 44.5 | 07:45 AM - 07:50 AM | 52.6 | 47.3 | 10:25 AM - 10:30 AM | 59.2 | 46.3 |
| 05:10 AM - 05:15 AM | 53.9 | 44.5 | 07:50 AM - 07:55 AM | 55.3 | 49.3 | 10:30 AM - 10:35 AM | 57.9 | 50.3 |
| 05:15 AM - 05:20 AM | 53.3 | 44.5 | 07:55 AM - 08:00 AM | 53.9 | 47.6 | 10:35 AM - 10:40 AM | 53.3 | 44.4 |
| 05:20 AM - 05:25 AM | 52.9 | 44.0 | 08:00 AM - 08:05 AM | 52.9 | 46.9 | 10:40 AM - 10:45 AM | 57.1 | 48.3 |
| 05:25 AM - 05:30 AM | 49.1 | 43.8 | 08:05 AM - 08:10 AM | 52.0 | 46.2 | 10:45 AM - 10:50 AM | 54.5 | 46.6 |
| 05:30 AM - 05:35 AM | 54.3 | 44.4 | 08:10 AM - 08:15 AM | 50.1 | 45.5 | 10:50 AM - 10:55 AM | 58.3 | 44.8 |
| 05:35 AM - 05:40 AM | 54.3 | 45.1 | 08:15 AM - 08:20 AM | 52.7 | 46.2 | 10:55 AM - 11:00 AM | 52.6 | 44.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854745-1



**Sample Number** 23128868-9
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 11:00 AM - 11:05 AM | 49.7 | 43.0 | 01:40 PM - 01:45 PM | 51.4 | 43.3 | 04:20 PM - 04:25 PM | 56.6 | 47.5 |
| 11:05 AM - 11:10 AM | 57.1 | 44.4 | 01:45 PM - 01:50 PM | 60.4 | 42.8 | 04:25 PM - 04:30 PM | 55.7 | 43.3 |
| 11:10 AM - 11:15 AM | 58.1 | 49.6 | 01:50 PM - 01:55 PM | 54.1 | 45.8 | 04:30 PM - 04:35 PM | 54.5 | 45.3 |
| 11:15 AM - 11:20 AM | 50.8 | 46.5 | 01:55 PM - 02:00 PM | 56.1 | 47.6 | 04:35 PM - 04:40 PM | 52.5 | 44.4 |
| 11:20 AM - 11:25 AM | 57.6 | 46.1 | 02:00 PM - 02:05 PM | 55.3 | 44.7 | 04:40 PM - 04:45 PM | 58.1 | 44.4 |
| 11:25 AM - 11:30 AM | 56.2 | 45.6 | 02:05 PM - 02:10 PM | 52.1 | 44.5 | 04:45 PM - 04:50 PM | 54.2 | 45.9 |
| 11:30 AM - 11:35 AM | 57.0 | 47.7 | 02:10 PM - 02:15 PM | 56.5 | 44.8 | 04:50 PM - 04:55 PM | 51.3 | 44.5 |
| 11:35 AM - 11:40 AM | 53.5 | 47.4 | 02:15 PM - 02:20 PM | 58.4 | 46.5 | 04:55 PM - 05:00 PM | 50.7 | 44.9 |
| 11:40 AM - 11:45 AM | 54.5 | 48.0 | 02:20 PM - 02:25 PM | 55.0 | 46.0 | 05:00 PM - 05:05 PM | 52.3 | 45.0 |
| 11:45 AM - 11:50 AM | 57.5 | 46.0 | 02:25 PM - 02:30 PM | 55.2 | 48.0 | 05:05 PM - 05:10 PM | 52.7 | 43.9 |
| 11:50 AM - 11:55 AM | 54.7 | 44.4 | 02:30 PM - 02:35 PM | 57.0 | 44.4 | 05:10 PM - 05:15 PM | 50.9 | 44.7 |
| 11:55 AM - 12:00 PM | 55.4 | 46.8 | 02:35 PM - 02:40 PM | 58.3 | 46.2 | 05:15 PM - 05:20 PM | 52.6 | 45.2 |
| 12:00 PM - 12:05 PM | 54.7 | 43.8 | 02:40 PM - 02:45 PM | 58.3 | 46.5 | 05:20 PM - 05:25 PM | 53.2 | 46.9 |
| 12:05 PM - 12:10 PM | 58.4 | 47.5 | 02:45 PM - 02:50 PM | 55.5 | 47.5 | 05:25 PM - 05:30 PM | 49.6 | 43.8 |
| 12:10 PM - 12:15 PM | 53.6 | 46.4 | 02:50 PM - 02:55 PM | 49.1 | 43.7 | 05:30 PM - 05:35 PM | 55.3 | 46.9 |
| 12:15 PM - 12:20 PM | 58.0 | 47.9 | 02:55 PM - 03:00 PM | 57.2 | 46.1 | 05:35 PM - 05:40 PM | 52.3 | 43.0 |
| 12:20 PM - 12:25 PM | 53.3 | 48.6 | 03:00 PM - 03:05 PM | 57.3 | 45.6 | 05:40 PM - 05:45 PM | 52.7 | 43.8 |
| 12:25 PM - 12:30 PM | 52.8 | 46.5 | 03:05 PM - 03:10 PM | 54.7 | 45.8 | 05:45 PM - 05:50 PM | 52.7 | 44.5 |
| 12:30 PM - 12:35 PM | 55.8 | 46.5 | 03:10 PM - 03:15 PM | 55.9 | 48.4 | 05:50 PM - 05:55 PM | 54.4 | 43.4 |
| 12:35 PM - 12:40 PM | 51.9 | 45.6 | 03:15 PM - 03:20 PM | 58.8 | 46.4 | 05:55 PM - 06:00 PM | 52.5 | 45.3 |
| 12:40 PM - 12:45 PM | 50.9 | 44.9 | 03:20 PM - 03:25 PM | 57.7 | 49.7 | 06:00 PM - 06:05 PM | 53.3 | 45.6 |
| 12:45 PM - 12:50 PM | 52.8 | 44.7 | 03:25 PM - 03:30 PM | 53.9 | 46.0 | 06:05 PM - 06:10 PM | 55.1 | 45.7 |
| 12:50 PM - 12:55 PM | 49.7 | 44.2 | 03:30 PM - 03:35 PM | 49.5 | 43.4 | 06:10 PM - 06:15 PM | 52.5 | 46.1 |
| 12:55 PM - 01:00 PM | 55.7 | 47.1 | 03:35 PM - 03:40 PM | 57.5 | 48.0 | 06:15 PM - 06:20 PM | 51.4 | 47.1 |
| 01:00 PM - 01:05 PM | 54.9 | 45.3 | 03:40 PM - 03:45 PM | 58.2 | 49.4 | 06:20 PM - 06:25 PM | 57.7 | 46.1 |
| 01:05 PM - 01:10 PM | 56.1 | 44.0 | 03:45 PM - 03:50 PM | 54.9 | 46.5 | 06:25 PM - 06:30 PM | 50.6 | 45.7 |
| 01:10 PM - 01:15 PM | 54.7 | 45.7 | 03:50 PM - 03:55 PM | 53.4 | 44.0 | 06:30 PM - 06:35 PM | 50.4 | 45.1 |
| 01:15 PM - 01:20 PM | 53.4 | 45.3 | 03:55 PM - 04:00 PM | 56.0 | 45.5 | 06:35 PM - 06:40 PM | 52.3 | 45.7 |
| 01:20 PM - 01:25 PM | 60.7 | 45.1 | 04:00 PM - 04:05 PM | 58.0 | 45.8 | 06:40 PM - 06:45 PM | 49.5 | 46.3 |
| 01:25 PM - 01:30 PM | 56.4 | 46.0 | 04:05 PM - 04:10 PM | 56.3 | 44.0 | 06:45 PM - 06:50 PM | 52.3 | 47.0 |
| 01:30 PM - 01:35 PM | 57.8 | 45.4 | 04:10 PM - 04:15 PM | 57.6 | 46.1 | 06:50 PM - 06:55 PM | 49.3 | 46.6 |
| 01:35 PM - 01:40 PM | 54.4 | 44.8 | 04:15 PM - 04:20 PM | 55.6 | 48.5 | 06:55 PM - 07:00 PM | 48.4 | 44.9 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854745-1



**Sample Number** 23128868-9
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24 - Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 07:00 PM - 07:05 PM | 47.5 | 44.9 | 09:40 PM - 09:45 PM | 46.0 | 43.8 | 12:20 AM - 12:25 AM | 42.2 | 41.7 |
| 07:05 PM - 07:10 PM | 52.6 | 45.8 | 09:45 PM - 09:50 PM | 47.0 | 43.9 | 12:25 AM - 12:30 AM | 44.8 | 41.6 |
| 07:10 PM - 07:15 PM | 49.4 | 45.6 | 09:50 PM - 09:55 PM | 48.1 | 44.2 | 12:30 AM - 12:35 AM | 42.8 | 41.8 |
| 07:15 PM - 07:20 PM | 49.0 | 45.8 | 09:55 PM - 10:00 PM | 48.7 | 43.7 | 12:35 AM - 12:40 AM | 42.0 | 41.4 |
| 07:20 PM - 07:25 PM | 49.3 | 45.4 | 10:00 PM - 10:05 PM | 47.9 | 43.7 | 12:40 AM - 12:45 AM | 42.5 | 41.4 |
| 07:25 PM - 07:30 PM | 49.9 | 45.0 | 10:05 PM - 10:10 PM | 44.7 | 43.6 | 12:45 AM - 12:50 AM | 41.8 | 41.2 |
| 07:30 PM - 07:35 PM | 48.2 | 45.2 | 10:10 PM - 10:15 PM | 52.1 | 43.9 | 12:50 AM - 12:55 AM | 44.8 | 41.3 |
| 07:35 PM - 07:40 PM | 49.6 | 45.3 | 10:15 PM - 10:20 PM | 45.3 | 43.8 | 12:55 AM - 01:00 AM | 41.6 | 41.0 |
| 07:40 PM - 07:45 PM | 47.2 | 44.6 | 10:20 PM - 10:25 PM | 46.2 | 44.0 | 01:00 AM - 01:05 AM | 42.2 | 41.1 |
| 07:45 PM - 07:50 PM | 47.8 | 44.8 | 10:25 PM - 10:30 PM | 44.4 | 43.6 | 01:05 AM - 01:10 AM | 50.3 | 41.3 |
| 07:50 PM - 07:55 PM | 47.3 | 45.1 | 10:30 PM - 10:35 PM | 47.6 | 43.9 | 01:10 AM - 01:15 AM | 50.3 | 41.0 |
| 07:55 PM - 08:00 PM | 46.9 | 44.9 | 10:35 PM - 10:40 PM | 50.1 | 44.2 | 01:15 AM - 01:20 AM | 44.7 | 41.6 |
| 08:00 PM - 08:05 PM | 48.6 | 44.6 | 10:40 PM - 10:45 PM | 48.4 | 44.3 | 01:20 AM - 01:25 AM | 42.5 | 41.4 |
| 08:05 PM - 08:10 PM | 48.2 | 44.8 | 10:45 PM - 10:50 PM | 44.9 | 43.5 | 01:25 AM - 01:30 AM | 43.1 | 41.3 |
| 08:10 PM - 08:15 PM | 47.1 | 44.0 | 10:50 PM - 10:55 PM | 48.1 | 44.0 | 01:30 AM - 01:35 AM | 44.6 | 41.7 |
| 08:15 PM - 08:20 PM | 45.6 | 43.5 | 10:55 PM - 11:00 PM | 46.0 | 43.4 | 01:35 AM - 01:40 AM | 42.9 | 41.2 |
| 08:20 PM - 08:25 PM | 48.6 | 44.3 | 11:00 PM - 11:05 PM | 45.6 | 43.6 | 01:40 AM - 01:45 AM | 43.2 | 41.3 |
| 08:25 PM - 08:30 PM | 50.1 | 45.4 | 11:05 PM - 11:10 PM | 44.4 | 43.8 | 01:45 AM - 01:50 AM | 43.6 | 41.3 |
| 08:30 PM - 08:35 PM | 50.9 | 44.6 | 11:10 PM - 11:15 PM | 44.9 | 43.2 | 01:50 AM - 01:55 AM | 42.9 | 41.5 |
| 08:35 PM - 08:40 PM | 46.1 | 44.2 | 11:15 PM - 11:20 PM | 45.9 | 43.5 | 01:55 AM - 02:00 AM | 45.5 | 41.5 |
| 08:40 PM - 08:45 PM | 47.8 | 44.1 | 11:20 PM - 11:25 PM | 44.7 | 43.5 | 02:00 AM - 02:05 AM | 43.2 | 41.8 |
| 08:45 PM - 08:50 PM | 50.1 | 44.0 | 11:25 PM - 11:30 PM | 44.2 | 43.4 | 02:05 AM - 02:10 AM | 44.2 | 41.5 |
| 08:50 PM - 08:55 PM | 48.2 | 43.8 | 11:30 PM - 11:35 PM | 43.7 | 43.1 | 02:10 AM - 02:15 AM | 42.2 | 41.5 |
| 08:55 PM - 09:00 PM | 49.8 | 43.7 | 11:35 PM - 11:40 PM | 44.9 | 43.2 | 02:15 AM - 02:20 AM | 44.3 | 41.4 |
| 09:00 PM - 09:05 PM | 49.0 | 44.3 | 11:40 PM - 11:45 PM | 45.2 | 42.4 | 02:20 AM - 02:25 AM | 42.8 | 41.2 |
| 09:05 PM - 09:10 PM | 46.6 | 43.3 | 11:45 PM - 11:50 PM | 44.8 | 42.4 | 02:25 AM - 02:30 AM | 42.3 | 41.5 |
| 09:10 PM - 09:15 PM | 50.1 | 44.6 | 11:50 PM - 11:55 PM | 43.3 | 41.2 | 02:30 AM - 02:35 AM | 41.8 | 41.1 |
| 09:15 PM - 09:20 PM | 47.5 | 44.1 | 11:55 PM - 12:00 AM | 46.9 | 41.8 | 02:35 AM - 02:40 AM | 42.1 | 41.5 |
| 09:20 PM - 09:25 PM | 45.3 | 43.9 | 12:00 AM - 12:05 AM | 43.8 | 41.8 | 02:40 AM - 02:45 AM | 44.7 | 41.8 |
| 09:25 PM - 09:30 PM | 45.6 | 44.0 | 12:05 AM - 12:10 AM | 43.5 | 42.2 | 02:45 AM - 02:50 AM | 41.9 | 41.4 |
| 09:30 PM - 09:35 PM | 48.1 | 44.5 | 12:10 AM - 12:15 AM | 44.7 | 42.1 | 02:50 AM - 02:55 AM | 41.9 | 41.3 |
| 09:35 PM - 09:40 PM | 50.2 | 44.7 | 12:15 AM - 12:20 AM | 43.6 | 41.8 | 02:55 AM - 03:00 AM | 42.4 | 41.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854745-1



**Sample Number** 23128868-9
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 03:00 AM - 03:05 AM | 42.3 | 41.5 | 05:40 AM - 05:45 AM | 50.3 | 45.8 | 08:20 AM - 08:25 AM | 57.2 | 45.8 |
| 03:05 AM - 03:10 AM | 44.9 | 42.6 | 05:45 AM - 05:50 AM | 54.9 | 45.9 | 08:25 AM - 08:30 AM | 51.9 | 41.9 |
| 03:10 AM - 03:15 AM | 44.9 | 42.9 | 05:50 AM - 05:55 AM | 56.1 | 46.3 | 08:30 AM - 08:35 AM | 50.1 | 42.8 |
| 03:15 AM - 03:20 AM | 44.5 | 42.5 | 05:55 AM - 06:00 AM | 56.6 | 47.2 | 08:35 AM - 08:40 AM | 57.5 | 45.2 |
| 03:20 AM - 03:25 AM | 45.0 | 42.4 | 06:00 AM - 06:05 AM | 58.2 | 46.6 | 08:40 AM - 08:45 AM | 54.6 | 43.4 |
| 03:25 AM - 03:30 AM | 42.8 | 41.8 | 06:05 AM - 06:10 AM | 58.4 | 47.3 | 08:45 AM - 08:50 AM | 61.8 | 47.7 |
| 03:30 AM - 03:35 AM | 43.9 | 41.9 | 06:10 AM - 06:15 AM | 56.7 | 47.0 | 08:50 AM - 08:55 AM | 56.4 | 44.1 |
| 03:35 AM - 03:40 AM | 51.5 | 42.7 | 06:15 AM - 06:20 AM | 54.9 | 46.8 | 08:55 AM - 09:00 AM | 53.7 | 43.8 |
| 03:40 AM - 03:45 AM | 43.0 | 42.1 | 06:20 AM - 06:25 AM | 52.5 | 46.4 | 09:00 AM - 09:05 AM | 48.9 | 43.4 |
| 03:45 AM - 03:50 AM | 43.7 | 42.4 | 06:25 AM - 06:30 AM | 56.2 | 47.2 | 09:05 AM - 09:10 AM | 51.9 | 43.6 |
| 03:50 AM - 03:55 AM | 49.4 | 42.0 | 06:30 AM - 06:35 AM | 54.1 | 46.5 | 09:10 AM - 09:15 AM | 49.0 | 43.4 |
| 03:55 AM - 04:00 AM | 51.5 | 42.1 | 06:35 AM - 06:40 AM | 52.6 | 45.3 | 09:15 AM - 09:20 AM | 51.4 | 45.3 |
| 04:00 AM - 04:05 AM | 43.5 | 42.1 | 06:40 AM - 06:45 AM | 50.0 | 45.0 | 09:20 AM - 09:25 AM | 51.3 | 45.4 |
| 04:05 AM - 04:10 AM | 44.5 | 42.8 | 06:45 AM - 06:50 AM | 48.6 | 45.5 | 09:25 AM - 09:30 AM | 55.8 | 46.0 |
| 04:10 AM - 04:15 AM | 44.7 | 42.8 | 06:50 AM - 06:55 AM | 56.0 | 45.6 | 09:30 AM - 09:35 AM | 48.8 | 43.7 |
| 04:15 AM - 04:20 AM | 44.5 | 43.0 | 06:55 AM - 07:00 AM | 57.5 | 45.5 | 09:35 AM - 09:40 AM | 49.8 | 42.6 |
| 04:20 AM - 04:25 AM | 52.5 | 43.7 | 07:00 AM - 07:05 AM | 53.3 | 43.6 | 09:40 AM - 09:45 AM | 49.2 | 44.1 |
| 04:25 AM - 04:30 AM | 45.7 | 43.8 | 07:05 AM - 07:10 AM | 59.5 | 44.6 | 09:45 AM - 09:50 AM | 51.5 | 45.4 |
| 04:30 AM - 04:35 AM | 47.2 | 43.9 | 07:10 AM - 07:15 AM | 55.6 | 43.3 | 09:50 AM - 09:55 AM | 48.4 | 43.8 |
| 04:35 AM - 04:40 AM | 46.3 | 43.7 | 07:15 AM - 07:20 AM | 56.8 | 45.1 | 09:55 AM - 10:00 AM | 49.8 | 43.2 |
| 04:40 AM - 04:45 AM | 53.3 | 43.6 | 07:20 AM - 07:25 AM | 48.2 | 43.1 | 10:00 AM - 10:05 AM | 53.4 | 45.5 |
| 04:45 AM - 04:50 AM | 52.9 | 43.2 | 07:25 AM - 07:30 AM | 50.3 | 43.3 | 10:05 AM - 10:10 AM | 51.1 | 44.4 |
| 04:50 AM - 04:55 AM | 55.1 | 43.2 | 07:30 AM - 07:35 AM | 51.0 | 45.1 | 10:10 AM - 10:15 AM | 49.1 | 43.2 |
| 04:55 AM - 05:00 AM | 53.7 | 43.5 | 07:35 AM - 07:40 AM | 54.7 | 45.4 | 10:15 AM - 10:20 AM | 48.5 | 43.3 |
| 05:00 AM - 05:05 AM | 51.7 | 42.7 | 07:40 AM - 07:45 AM | 57.0 | 45.8 | 10:20 AM - 10:25 AM | 51.8 | 44.8 |
| 05:05 AM - 05:10 AM | 52.2 | 43.2 | 07:45 AM - 07:50 AM | 52.3 | 47.0 | 10:25 AM - 10:30 AM | 51.4 | 44.8 |
| 05:10 AM - 05:15 AM | 53.9 | 44.2 | 07:50 AM - 07:55 AM | 53.7 | 46.8 | 10:30 AM - 10:35 AM | 50.8 | 47.4 |
| 05:15 AM - 05:20 AM | 55.2 | 44.2 | 07:55 AM - 08:00 AM | 52.2 | 45.8 | 10:35 AM - 10:40 AM | 55.6 | 43.1 |
| 05:20 AM - 05:25 AM | 51.3 | 44.8 | 08:00 AM - 08:05 AM | 67.1 | 46.1 | 10:40 AM - 10:45 AM | 51.4 | 45.1 |
| 05:25 AM - 05:30 AM | 51.4 | 45.3 | 08:05 AM - 08:10 AM | 60.1 | 44.4 | 10:45 AM - 10:50 AM | 53.8 | 47.9 |
| 05:30 AM - 05:35 AM | 57.4 | 45.7 | 08:10 AM - 08:15 AM | 53.8 | 45.1 | 10:50 AM - 10:55 AM | 51.6 | 46.3 |
| 05:35 AM - 05:40 AM | 55.8 | 45.9 | 08:15 AM - 08:19 AM | 59.2 | 44.6 | 10:55 AM - 11:00 AM | 47.8 | 44.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854746-1



**Sample Number** 23128868-10
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 11:00 AM - 11:05 AM | 51.6 | 44.6 | 01:40 PM - 01:45 PM | 50.6 | 44.6 | 04:20 PM - 04:25 PM | 54.0 | 45.3 |
| 11:05 AM - 11:10 AM | 57.1 | 45.5 | 01:45 PM - 01:50 PM | 49.0 | 43.4 | 04:25 PM - 04:30 PM | 52.6 | 44.2 |
| 11:10 AM - 11:15 AM | 53.5 | 44.4 | 01:50 PM - 01:55 PM | 56.5 | 42.6 | 04:30 PM - 04:35 PM | 50.0 | 43.0 |
| 11:15 AM - 11:20 AM | 54.6 | 44.2 | 01:55 PM - 02:00 PM | 52.9 | 44.0 | 04:35 PM - 04:40 PM | 50.7 | 44.2 |
| 11:20 AM - 11:25 AM | 52.4 | 43.2 | 02:00 PM - 02:05 PM | 56.3 | 44.8 | 04:40 PM - 04:45 PM | 51.9 | 42.5 |
| 11:25 AM - 11:30 AM | 51.8 | 46.6 | 02:05 PM - 02:10 PM | 51.5 | 44.3 | 04:45 PM - 04:50 PM | 51.5 | 42.4 |
| 11:30 AM - 11:35 AM | 49.9 | 44.9 | 02:10 PM - 02:15 PM | 51.9 | 45.5 | 04:50 PM - 04:55 PM | 56.4 | 44.8 |
| 11:35 AM - 11:40 AM | 50.8 | 44.7 | 02:15 PM - 02:20 PM | 50.0 | 44.6 | 04:55 PM - 05:00 PM | 51.8 | 43.5 |
| 11:40 AM - 11:45 AM | 53.2 | 47.1 | 02:20 PM - 02:25 PM | 52.3 | 45.0 | 05:00 PM - 05:05 PM | 50.8 | 44.0 |
| 11:45 AM - 11:50 AM | 54.6 | 45.2 | 02:25 PM - 02:30 PM | 53.6 | 45.6 | 05:05 PM - 05:10 PM | 53.0 | 45.3 |
| 11:50 AM - 11:55 AM | 53.0 | 46.7 | 02:30 PM - 02:35 PM | 50.5 | 45.5 | 05:10 PM - 05:15 PM | 50.0 | 43.4 |
| 11:55 AM - 12:00 PM | 51.3 | 44.7 | 02:35 PM - 02:40 PM | 50.4 | 44.8 | 05:15 PM - 05:20 PM | 56.0 | 45.6 |
| 12:00 PM - 12:05 PM | 51.7 | 44.0 | 02:40 PM - 02:45 PM | 53.4 | 47.3 | 05:20 PM - 05:25 PM | 50.8 | 45.2 |
| 12:05 PM - 12:10 PM | 54.3 | 46.3 | 02:45 PM - 02:50 PM | 53.0 | 44.1 | 05:25 PM - 05:30 PM | 49.3 | 43.4 |
| 12:10 PM - 12:15 PM | 52.0 | 47.8 | 02:50 PM - 02:55 PM | 52.9 | 44.3 | 05:30 PM - 05:35 PM | 49.5 | 44.5 |
| 12:15 PM - 12:20 PM | 54.8 | 45.9 | 02:55 PM - 03:00 PM | 57.7 | 44.7 | 05:35 PM - 05:40 PM | 50.8 | 43.6 |
| 12:20 PM - 12:25 PM | 50.8 | 44.2 | 03:00 PM - 03:05 PM | 53.0 | 43.6 | 05:40 PM - 05:45 PM | 54.6 | 43.7 |
| 12:25 PM - 12:30 PM | 51.9 | 44.3 | 03:05 PM - 03:10 PM | 54.6 | 45.6 | 05:45 PM - 05:50 PM | 48.8 | 44.1 |
| 12:30 PM - 12:35 PM | 52.8 | 45.4 | 03:10 PM - 03:15 PM | 55.4 | 47.0 | 05:50 PM - 05:55 PM | 53.4 | 47.5 |
| 12:35 PM - 12:40 PM | 52.4 | 46.3 | 03:15 PM - 03:20 PM | 53.7 | 43.2 | 05:55 PM - 06:00 PM | 50.7 | 45.4 |
| 12:40 PM - 12:45 PM | 53.4 | 46.3 | 03:20 PM - 03:25 PM | 51.4 | 43.5 | 06:00 PM - 06:05 PM | 49.0 | 44.6 |
| 12:45 PM - 12:50 PM | 53.3 | 46.7 | 03:25 PM - 03:30 PM | 54.8 | 43.1 | 06:05 PM - 06:10 PM | 52.7 | 45.5 |
| 12:50 PM - 12:55 PM | 50.8 | 44.7 | 03:30 PM - 03:35 PM | 57.0 | 42.9 | 06:10 PM - 06:15 PM | 49.2 | 45.0 |
| 12:55 PM - 01:00 PM | 51.2 | 43.8 | 03:35 PM - 03:40 PM | 48.6 | 42.8 | 06:15 PM - 06:20 PM | 52.9 | 45.5 |
| 01:00 PM - 01:05 PM | 55.4 | 47.0 | 03:40 PM - 03:45 PM | 52.3 | 42.8 | 06:20 PM - 06:25 PM | 53.2 | 46.1 |
| 01:05 PM - 01:10 PM | 65.1 | 45.2 | 03:45 PM - 03:50 PM | 50.3 | 44.0 | 06:25 PM - 06:30 PM | 49.1 | 46.3 |
| 01:10 PM - 01:15 PM | 58.7 | 43.5 | 03:50 PM - 03:55 PM | 51.9 | 45.5 | 06:30 PM - 06:35 PM | 49.3 | 46.0 |
| 01:15 PM - 01:20 PM | 59.3 | 44.7 | 03:55 PM - 04:00 PM | 52.8 | 45.7 | 06:35 PM - 06:40 PM | 49.4 | 46.6 |
| 01:20 PM - 01:25 PM | 52.6 | 46.0 | 04:00 PM - 04:05 PM | 52.9 | 45.2 | 06:40 PM - 06:45 PM | 49.3 | 46.6 |
| 01:25 PM - 01:30 PM | 53.0 | 45.0 | 04:05 PM - 04:10 PM | 54.9 | 45.4 | 06:45 PM - 06:50 PM | 48.2 | 46.2 |
| 01:30 PM - 01:35 PM | 52.3 | 43.4 | 04:10 PM - 04:15 PM | 49.6 | 43.7 | 06:50 PM - 06:55 PM | 48.3 | 45.9 |
| 01:35 PM - 01:40 PM | 52.4 | 45.0 | 04:15 PM - 04:20 PM | 50.0 | 43.9 | 06:55 PM - 07:00 PM | 50.2 | 46.4 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854746-1



**Sample Number** 23128868-10
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25 - Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 07:00 PM - 07:05 PM | 49.1 | 46.5 | 09:40 PM - 09:45 PM | 44.0 | 42.9 | 12:20 AM - 12:25 AM | 43.7 | 42.8 |
| 07:05 PM - 07:10 PM | 48.2 | 46.0 | 09:45 PM - 09:50 PM | 46.7 | 43.2 | 12:25 AM - 12:30 AM | 54.3 | 42.7 |
| 07:10 PM - 07:15 PM | 47.8 | 46.3 | 09:50 PM - 09:55 PM | 45.8 | 43.3 | 12:30 AM - 12:35 AM | 43.5 | 42.6 |
| 07:15 PM - 07:20 PM | 48.6 | 45.5 | 09:55 PM - 10:00 PM | 45.4 | 43.4 | 12:35 AM - 12:40 AM | 51.5 | 42.8 |
| 07:20 PM - 07:25 PM | 51.8 | 46.1 | 10:00 PM - 10:05 PM | 44.9 | 43.5 | 12:40 AM - 12:45 AM | 50.1 | 42.7 |
| 07:25 PM - 07:30 PM | 46.6 | 44.7 | 10:05 PM - 10:10 PM | 45.0 | 43.3 | 12:45 AM - 12:50 AM | 44.8 | 42.9 |
| 07:30 PM - 07:35 PM | 47.7 | 44.9 | 10:10 PM - 10:15 PM | 44.1 | 42.9 | 12:50 AM - 12:55 AM | 50.6 | 42.9 |
| 07:35 PM - 07:40 PM | 47.2 | 44.8 | 10:15 PM - 10:20 PM | 43.8 | 43.0 | 12:55 AM - 01:00 AM | 55.5 | 45.5 |
| 07:40 PM - 07:45 PM | 50.0 | 45.3 | 10:20 PM - 10:25 PM | 45.4 | 42.7 | 01:00 AM - 01:05 AM | 44.1 | 42.7 |
| 07:45 PM - 07:50 PM | 47.4 | 44.8 | 10:25 PM - 10:30 PM | 43.6 | 42.5 | 01:05 AM - 01:10 AM | 46.9 | 43.2 |
| 07:50 PM - 07:55 PM | 52.6 | 45.1 | 10:30 PM - 10:35 PM | 44.0 | 42.3 | 01:10 AM - 01:15 AM | 45.0 | 43.2 |
| 07:55 PM - 08:00 PM | 47.1 | 44.6 | 10:35 PM - 10:40 PM | 44.0 | 42.5 | 01:15 AM - 01:20 AM | 44.0 | 42.9 |
| 08:00 PM - 08:05 PM | 53.7 | 44.7 | 10:40 PM - 10:45 PM | 43.6 | 42.6 | 01:20 AM - 01:25 AM | 43.9 | 42.8 |
| 08:05 PM - 08:10 PM | 51.4 | 44.4 | 10:45 PM - 10:50 PM | 44.9 | 42.0 | 01:25 AM - 01:30 AM | 45.1 | 42.3 |
| 08:10 PM - 08:15 PM | 47.8 | 44.0 | 10:50 PM - 10:55 PM | 43.6 | 42.3 | 01:30 AM - 01:35 AM | 45.1 | 42.5 |
| 08:15 PM - 08:20 PM | 48.1 | 43.9 | 10:55 PM - 11:00 PM | 44.8 | 42.3 | 01:35 AM - 01:40 AM | 43.5 | 42.1 |
| 08:20 PM - 08:25 PM | 45.4 | 43.9 | 11:00 PM - 11:05 PM | 45.5 | 42.4 | 01:40 AM - 01:45 AM | 44.0 | 42.0 |
| 08:25 PM - 08:30 PM | 45.5 | 44.0 | 11:05 PM - 11:10 PM | 43.2 | 42.4 | 01:45 AM - 01:50 AM | 42.0 | 41.4 |
| 08:30 PM - 08:35 PM | 47.0 | 44.2 | 11:10 PM - 11:15 PM | 44.2 | 42.6 | 01:50 AM - 01:55 AM | 42.5 | 41.9 |
| 08:35 PM - 08:40 PM | 47.3 | 44.5 | 11:15 PM - 11:20 PM | 43.9 | 41.8 | 01:55 AM - 02:00 AM | 43.0 | 42.2 |
| 08:40 PM - 08:45 PM | 46.1 | 43.9 | 11:20 PM - 11:25 PM | 43.7 | 41.5 | 02:00 AM - 02:05 AM | 43.1 | 42.1 |
| 08:45 PM - 08:50 PM | 44.1 | 43.3 | 11:25 PM - 11:30 PM | 44.7 | 42.5 | 02:05 AM - 02:10 AM | 44.8 | 42.3 |
| 08:50 PM - 08:55 PM | 45.2 | 43.4 | 11:30 PM - 11:35 PM | 43.8 | 42.6 | 02:10 AM - 02:15 AM | 44.5 | 42.1 |
| 08:55 PM - 09:00 PM | 45.7 | 44.0 | 11:35 PM - 11:40 PM | 43.9 | 42.5 | 02:15 AM - 02:20 AM | 43.1 | 42.1 |
| 09:00 PM - 09:05 PM | 45.7 | 44.1 | 11:40 PM - 11:45 PM | 43.2 | 42.5 | 02:20 AM - 02:25 AM | 43.0 | 42.0 |
| 09:05 PM - 09:10 PM | 45.1 | 44.0 | 11:45 PM - 11:50 PM | 43.0 | 42.1 | 02:25 AM - 02:30 AM | 43.0 | 41.9 |
| 09:10 PM - 09:15 PM | 45.9 | 44.0 | 11:50 PM - 11:55 PM | 44.1 | 41.9 | 02:30 AM - 02:35 AM | 42.7 | 42.0 |
| 09:15 PM - 09:20 PM | 45.9 | 44.0 | 11:55 PM - 12:00 AM | 44.3 | 42.8 | 02:35 AM - 02:40 AM | 43.3 | 42.2 |
| 09:20 PM - 09:25 PM | 43.7 | 42.4 | 12:00 AM - 12:05 AM | 43.4 | 42.6 | 02:40 AM - 02:45 AM | 44.5 | 42.9 |
| 09:25 PM - 09:30 PM | 43.8 | 42.8 | 12:05 AM - 12:10 AM | 44.5 | 43.0 | 02:45 AM - 02:50 AM | 43.2 | 42.2 |
| 09:30 PM - 09:35 PM | 50.3 | 43.4 | 12:10 AM - 12:15 AM | 44.8 | 42.9 | 02:50 AM - 02:55 AM | 43.2 | 41.9 |
| 09:35 PM - 09:40 PM | 47.5 | 42.9 | 12:15 AM - 12:20 AM | 44.5 | 43.0 | 02:55 AM - 03:00 AM | 43.3 | 42.1 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854746-1



**Sample Number** 23128868-10
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 03:00 AM - 03:05 AM | 42.9 | 42.0 | 05:40 AM - 05:45 AM | 55.6 | 44.7 | 08:20 AM - 08:25 AM | 49.6 | 44.4 |
| 03:05 AM - 03:10 AM | 42.7 | 41.8 | 05:45 AM - 05:50 AM | 54.1 | 44.6 | 08:25 AM - 08:30 AM | 50.2 | 46.6 |
| 03:10 AM - 03:15 AM | 44.7 | 42.4 | 05:50 AM - 05:55 AM | 55.7 | 45.0 | 08:30 AM - 08:35 AM | 55.1 | 47.2 |
| 03:15 AM - 03:20 AM | 43.4 | 42.5 | 05:55 AM - 06:00 AM | 55.2 | 45.6 | 08:35 AM - 08:40 AM | 53.3 | 44.8 |
| 03:20 AM - 03:25 AM | 45.1 | 42.6 | 06:00 AM - 06:05 AM | 57.0 | 46.8 | 08:40 AM - 08:45 AM | 51.7 | 48.4 |
| 03:25 AM - 03:30 AM | 44.0 | 42.7 | 06:05 AM - 06:10 AM | 58.4 | 45.9 | 08:45 AM - 08:50 AM | 49.3 | 43.9 |
| 03:30 AM - 03:35 AM | 43.1 | 42.7 | 06:10 AM - 06:15 AM | 57.1 | 46.3 | 08:50 AM - 08:55 AM | 66.1 | 44.6 |
| 03:35 AM - 03:40 AM | 43.7 | 43.1 | 06:15 AM - 06:20 AM | 56.5 | 45.9 | 08:55 AM - 09:00 AM | 68.6 | 47.1 |
| 03:40 AM - 03:45 AM | 44.6 | 43.0 | 06:20 AM - 06:25 AM | 51.8 | 44.8 | 09:00 AM - 09:05 AM | 55.2 | 46.0 |
| 03:45 AM - 03:50 AM | 46.5 | 42.8 | 06:25 AM - 06:30 AM | 53.7 | 45.8 | 09:05 AM - 09:10 AM | 51.4 | 44.6 |
| 03:50 AM - 03:55 AM | 43.0 | 42.1 | 06:30 AM - 06:35 AM | 52.5 | 45.1 | 09:10 AM - 09:15 AM | 53.5 | 44.5 |
| 03:55 AM - 04:00 AM | 42.7 | 42.0 | 06:35 AM - 06:40 AM | 58.5 | 44.6 | 09:15 AM - 09:20 AM | 48.9 | 45.5 |
| 04:00 AM - 04:05 AM | 43.1 | 41.9 | 06:40 AM - 06:45 AM | 53.7 | 44.2 | 09:20 AM - 09:25 AM | 51.0 | 46.3 |
| 04:05 AM - 04:10 AM | 53.4 | 42.5 | 06:45 AM - 06:50 AM | 49.9 | 43.7 | 09:25 AM - 09:30 AM | 48.2 | 43.4 |
| 04:10 AM - 04:15 AM | 42.8 | 42.1 | 06:50 AM - 06:55 AM | 52.2 | 43.7 | 09:30 AM - 09:35 AM | 53.8 | 43.8 |
| 04:15 AM - 04:20 AM | 43.7 | 42.4 | 06:55 AM - 07:00 AM | 50.0 | 44.5 | 09:35 AM - 09:40 AM | 49.7 | 45.1 |
| 04:20 AM - 04:25 AM | 45.0 | 42.7 | 07:00 AM - 07:05 AM | 52.7 | 43.9 | 09:40 AM - 09:45 AM | 52.5 | 44.7 |
| 04:25 AM - 04:30 AM | 44.8 | 42.9 | 07:05 AM - 07:10 AM | 53.0 | 45.4 | 09:45 AM - 09:50 AM | 50.8 | 46.3 |
| 04:30 AM - 04:35 AM | 46.0 | 43.2 | 07:10 AM - 07:15 AM | 57.7 | 44.2 | 09:50 AM - 09:55 AM | 51.3 | 45.4 |
| 04:35 AM - 04:40 AM | 53.6 | 43.3 | 07:15 AM - 07:20 AM | 52.1 | 45.0 | 09:55 AM - 10:00 AM | 51.1 | 46.1 |
| 04:40 AM - 04:45 AM | 46.0 | 43.3 | 07:20 AM - 07:25 AM | 51.1 | 43.8 | 10:00 AM - 10:05 AM | 51.5 | 46.9 |
| 04:45 AM - 04:50 AM | 50.1 | 43.1 | 07:25 AM - 07:30 AM | 51.7 | 41.0 | 10:05 AM - 10:10 AM | 54.7 | 44.6 |
| 04:50 AM - 04:55 AM | 50.9 | 43.6 | 07:30 AM - 07:35 AM | 50.5 | 44.2 | 10:10 AM - 10:15 AM | 53.8 | 46.2 |
| 04:55 AM - 05:00 AM | 52.4 | 43.8 | 07:35 AM - 07:40 AM | 48.3 | 42.4 | 10:15 AM - 10:20 AM | 56.4 | 42.5 |
| 05:00 AM - 05:05 AM | 46.7 | 43.4 | 07:40 AM - 07:45 AM | 46.1 | 42.3 | 10:20 AM - 10:25 AM | 49.8 | 44.8 |
| 05:05 AM - 05:10 AM | 53.3 | 43.7 | 07:45 AM - 07:50 AM | 50.3 | 45.0 | 10:25 AM - 10:30 AM | 51.6 | 44.5 |
| 05:10 AM - 05:15 AM | 53.5 | 44.7 | 07:50 AM - 07:55 AM | 51.7 | 46.9 | 10:30 AM - 10:35 AM | 53.4 | 46.5 |
| 05:15 AM - 05:20 AM | 49.0 | 45.4 | 07:55 AM - 08:00 AM | 53.2 | 47.8 | 10:35 AM - 10:40 AM | 51.9 | 46.9 |
| 05:20 AM - 05:25 AM | 49.7 | 45.7 | 08:00 AM - 08:05 AM | 54.3 | 47.2 | 10:40 AM - 10:45 AM | 51.5 | 44.8 |
| 05:25 AM - 05:30 AM | 52.3 | 45.6 | 08:05 AM - 08:10 AM | 54.4 | 45.5 | 10:45 AM - 10:50 AM | 53.2 | 43.9 |
| 05:30 AM - 05:35 AM | 52.4 | 44.8 | 08:10 AM - 08:15 AM | 51.5 | 46.0 | 10:50 AM - 10:55 AM | 51.4 | 47.5 |
| 05:35 AM - 05:40 AM | 56.4 | 45.6 | 08:15 AM - 08:20 AM | 50.9 | 45.0 | 10:55 AM - 11:00 AM | 53.4 | 46.7 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854747-1



**Sample Number** 23128868-11
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 11:00 AM - 11:05 AM | 53.3 | 46.6 | 01:40 PM - 01:45 PM | 50.5 | 42.2 | 04:20 PM - 04:25 PM | 54.2 | 47.6 |
| 11:05 AM - 11:10 AM | 51.7 | 46.0 | 01:45 PM - 01:50 PM | 52.7 | 46.9 | 04:25 PM - 04:30 PM | 50.1 | 43.2 |
| 11:10 AM - 11:15 AM | 59.0 | 47.0 | 01:50 PM - 01:55 PM | 53.6 | 45.1 | 04:30 PM - 04:35 PM | 49.4 | 44.0 |
| 11:15 AM - 11:20 AM | 54.9 | 47.3 | 01:55 PM - 02:00 PM | 49.3 | 45.3 | 04:35 PM - 04:40 PM | 49.3 | 43.9 |
| 11:20 AM - 11:25 AM | 55.5 | 45.0 | 02:00 PM - 02:05 PM | 54.8 | 45.3 | 04:40 PM - 04:45 PM | 51.4 | 44.1 |
| 11:25 AM - 11:30 AM | 58.9 | 45.5 | 02:05 PM - 02:10 PM | 53.0 | 46.9 | 04:45 PM - 04:50 PM | 49.2 | 43.9 |
| 11:30 AM - 11:35 AM | 55.7 | 48.2 | 02:10 PM - 02:15 PM | 53.0 | 44.5 | 04:50 PM - 04:55 PM | 49.8 | 44.0 |
| 11:35 AM - 11:40 AM | 51.5 | 45.5 | 02:15 PM - 02:20 PM | 50.9 | 46.4 | 04:55 PM - 05:00 PM | 52.9 | 46.1 |
| 11:40 AM - 11:45 AM | 52.9 | 45.7 | 02:20 PM - 02:25 PM | 57.1 | 47.1 | 05:00 PM - 05:05 PM | 52.6 | 46.8 |
| 11:45 AM - 11:50 AM | 52.8 | 46.2 | 02:25 PM - 02:30 PM | 55.3 | 47.7 | 05:05 PM - 05:10 PM | 48.9 | 43.5 |
| 11:50 AM - 11:55 AM | 54.3 | 46.9 | 02:30 PM - 02:35 PM | 60.1 | 44.8 | 05:10 PM - 05:15 PM | 54.6 | 43.5 |
| 11:55 AM - 12:00 PM | 52.8 | 45.3 | 02:35 PM - 02:40 PM | 56.2 | 44.7 | 05:15 PM - 05:20 PM | 53.4 | 45.1 |
| 12:00 PM - 12:05 PM | 52.0 | 46.7 | 02:40 PM - 02:45 PM | 48.7 | 42.6 | 05:20 PM - 05:25 PM | 51.3 | 46.3 |
| 12:05 PM - 12:10 PM | 50.2 | 45.0 | 02:45 PM - 02:50 PM | 56.2 | 43.2 | 05:25 PM - 05:30 PM | 52.4 | 44.3 |
| 12:10 PM - 12:15 PM | 51.1 | 44.8 | 02:50 PM - 02:55 PM | 56.5 | 45.1 | 05:30 PM - 05:35 PM | 52.5 | 44.2 |
| 12:15 PM - 12:20 PM | 54.4 | 43.1 | 02:55 PM - 03:00 PM | 50.5 | 44.6 | 05:35 PM - 05:40 PM | 53.0 | 44.8 |
| 12:20 PM - 12:25 PM | 52.7 | 46.2 | 03:00 PM - 03:05 PM | 48.7 | 43.7 | 05:40 PM - 05:45 PM | 51.5 | 44.9 |
| 12:25 PM - 12:30 PM | 49.2 | 43.5 | 03:05 PM - 03:10 PM | 48.8 | 42.6 | 05:45 PM - 05:50 PM | 51.7 | 43.7 |
| 12:30 PM - 12:35 PM | 50.4 | 44.8 | 03:10 PM - 03:15 PM | 49.0 | 42.9 | 05:50 PM - 05:55 PM | 52.7 | 44.3 |
| 12:35 PM - 12:40 PM | 52.1 | 45.4 | 03:15 PM - 03:20 PM | 49.8 | 44.2 | 05:55 PM - 06:00 PM | 54.2 | 45.9 |
| 12:40 PM - 12:45 PM | 54.4 | 46.8 | 03:20 PM - 03:25 PM | 50.5 | 42.7 | 06:00 PM - 06:05 PM | 52.3 | 45.1 |
| 12:45 PM - 12:50 PM | 50.9 | 47.1 | 03:25 PM - 03:30 PM | 51.5 | 43.8 | 06:05 PM - 06:10 PM | 51.8 | 44.4 |
| 12:50 PM - 12:55 PM | 50.4 | 47.4 | 03:30 PM - 03:35 PM | 52.3 | 45.3 | 06:10 PM - 06:15 PM | 55.5 | 44.8 |
| 12:55 PM - 01:00 PM | 53.0 | 45.4 | 03:35 PM - 03:40 PM | 50.2 | 44.2 | 06:15 PM - 06:20 PM | 52.7 | 43.8 |
| 01:00 PM - 01:05 PM | 53.0 | 47.6 | 03:40 PM - 03:45 PM | 51.7 | 45.0 | 06:20 PM - 06:25 PM | 48.6 | 44.5 |
| 01:05 PM - 01:10 PM | 52.3 | 47.1 | 03:45 PM - 03:50 PM | 52.1 | 42.9 | 06:25 PM - 06:30 PM | 47.7 | 45.5 |
| 01:10 PM - 01:15 PM | 50.5 | 46.5 | 03:50 PM - 03:55 PM | 51.5 | 43.5 | 06:30 PM - 06:35 PM | 49.5 | 46.9 |
| 01:15 PM - 01:20 PM | 50.1 | 45.7 | 03:55 PM - 04:00 PM | 51.2 | 43.6 | 06:35 PM - 06:40 PM | 49.6 | 47.3 |
| 01:20 PM - 01:25 PM | 50.7 | 45.9 | 04:00 PM - 04:05 PM | 50.7 | 42.1 | 06:40 PM - 06:45 PM | 50.5 | 44.9 |
| 01:25 PM - 01:30 PM | 54.4 | 45.1 | 04:05 PM - 04:10 PM | 53.7 | 45.2 | 06:45 PM - 06:50 PM | 49.5 | 46.5 |
| 01:30 PM - 01:35 PM | 51.0 | 44.2 | 04:10 PM - 04:15 PM | 49.9 | 44.6 | 06:50 PM - 06:55 PM | 51.6 | 46.0 |
| 01:35 PM - 01:40 PM | 49.9 | 44.0 | 04:15 PM - 04:20 PM | 50.6 | 43.7 | 06:55 PM - 07:00 PM | 48.2 | 45.8 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854747-1



**Sample Number** 23128868-11
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26 - Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 07:00 PM - 07:05 PM | 48.1 | 46.0 | 09:40 PM - 09:45 PM | 47.0 | 44.8 | 12:20 AM - 12:25 AM | 43.2 | 42.7 |
| 07:05 PM - 07:10 PM | 50.9 | 46.2 | 09:45 PM - 09:50 PM | 48.0 | 44.9 | 12:25 AM - 12:30 AM | 45.8 | 42.6 |
| 07:10 PM - 07:15 PM | 50.0 | 46.3 | 09:50 PM - 09:55 PM | 49.1 | 45.2 | 12:30 AM - 12:35 AM | 43.8 | 42.8 |
| 07:15 PM - 07:20 PM | 51.3 | 45.9 | 09:55 PM - 10:00 PM | 49.7 | 44.7 | 12:35 AM - 12:40 AM | 43.0 | 42.4 |
| 07:20 PM - 07:25 PM | 48.8 | 45.8 | 10:00 PM - 10:05 PM | 48.9 | 44.7 | 12:40 AM - 12:45 AM | 43.5 | 42.4 |
| 07:25 PM - 07:30 PM | 48.7 | 45.4 | 10:05 PM - 10:10 PM | 45.7 | 44.6 | 12:45 AM - 12:50 AM | 42.8 | 42.2 |
| 07:30 PM - 07:35 PM | 49.2 | 46.2 | 10:10 PM - 10:15 PM | 53.1 | 44.9 | 12:50 AM - 12:55 AM | 45.8 | 42.3 |
| 07:35 PM - 07:40 PM | 50.6 | 46.3 | 10:15 PM - 10:20 PM | 46.3 | 44.8 | 12:55 AM - 01:00 AM | 42.6 | 42.0 |
| 07:40 PM - 07:45 PM | 48.2 | 45.6 | 10:20 PM - 10:25 PM | 47.2 | 45.0 | 01:00 AM - 01:05 AM | 43.2 | 42.1 |
| 07:45 PM - 07:50 PM | 48.8 | 45.8 | 10:25 PM - 10:30 PM | 45.4 | 44.6 | 01:05 AM - 01:10 AM | 51.3 | 42.3 |
| 07:50 PM - 07:55 PM | 48.3 | 46.1 | 10:30 PM - 10:35 PM | 48.6 | 44.9 | 01:10 AM - 01:15 AM | 51.3 | 42.0 |
| 07:55 PM - 08:00 PM | 47.9 | 45.9 | 10:35 PM - 10:40 PM | 51.1 | 45.2 | 01:15 AM - 01:20 AM | 45.7 | 42.6 |
| 08:00 PM - 08:05 PM | 49.6 | 45.6 | 10:40 PM - 10:45 PM | 49.4 | 45.3 | 01:20 AM - 01:25 AM | 43.5 | 42.4 |
| 08:05 PM - 08:10 PM | 49.2 | 45.8 | 10:45 PM - 10:50 PM | 45.9 | 44.5 | 01:25 AM - 01:30 AM | 44.1 | 42.3 |
| 08:10 PM - 08:15 PM | 48.1 | 45.0 | 10:50 PM - 10:55 PM | 49.1 | 45.0 | 01:30 AM - 01:35 AM | 45.6 | 42.7 |
| 08:15 PM - 08:20 PM | 46.6 | 44.5 | 10:55 PM - 11:00 PM | 47.0 | 44.4 | 01:35 AM - 01:40 AM | 43.9 | 42.2 |
| 08:20 PM - 08:25 PM | 49.6 | 45.3 | 11:00 PM - 11:05 PM | 46.6 | 44.6 | 01:40 AM - 01:45 AM | 44.2 | 42.3 |
| 08:25 PM - 08:30 PM | 51.1 | 46.4 | 11:05 PM - 11:10 PM | 45.4 | 44.8 | 01:45 AM - 01:50 AM | 44.6 | 42.3 |
| 08:30 PM - 08:35 PM | 51.9 | 45.6 | 11:10 PM - 11:15 PM | 45.9 | 44.2 | 01:50 AM - 01:55 AM | 43.9 | 42.5 |
| 08:35 PM - 08:40 PM | 47.1 | 45.2 | 11:15 PM - 11:20 PM | 46.9 | 44.5 | 01:55 AM - 02:00 AM | 46.5 | 42.5 |
| 08:40 PM - 08:45 PM | 48.8 | 45.1 | 11:20 PM - 11:25 PM | 45.7 | 44.5 | 02:00 AM - 02:05 AM | 44.2 | 42.8 |
| 08:45 PM - 08:50 PM | 51.1 | 45.0 | 11:25 PM - 11:30 PM | 45.2 | 44.4 | 02:05 AM - 02:10 AM | 45.2 | 42.5 |
| 08:50 PM - 08:55 PM | 49.2 | 44.8 | 11:30 PM - 11:35 PM | 44.7 | 44.1 | 02:10 AM - 02:15 AM | 43.2 | 42.5 |
| 08:55 PM - 09:00 PM | 50.8 | 44.7 | 11:35 PM - 11:40 PM | 45.9 | 44.2 | 02:15 AM - 02:20 AM | 45.3 | 42.4 |
| 09:00 PM - 09:05 PM | 50.0 | 45.3 | 11:40 PM - 11:45 PM | 46.2 | 43.4 | 02:20 AM - 02:25 AM | 43.8 | 42.2 |
| 09:05 PM - 09:10 PM | 47.6 | 44.3 | 11:45 PM - 11:50 PM | 45.8 | 43.4 | 02:25 AM - 02:30 AM | 43.3 | 42.5 |
| 09:10 PM - 09:15 PM | 51.1 | 45.6 | 11:50 PM - 11:55 PM | 44.3 | 42.2 | 02:30 AM - 02:35 AM | 42.8 | 42.1 |
| 09:15 PM - 09:20 PM | 48.5 | 45.1 | 11:55 PM - 12:00 AM | 47.9 | 42.8 | 02:35 AM - 02:40 AM | 43.1 | 42.5 |
| 09:20 PM - 09:25 PM | 46.3 | 44.9 | 12:00 AM - 12:05 AM | 44.8 | 42.8 | 02:40 AM - 02:45 AM | 45.7 | 42.8 |
| 09:25 PM - 09:30 PM | 46.6 | 45.0 | 12:05 AM - 12:10 AM | 44.5 | 43.2 | 02:45 AM - 02:50 AM | 42.9 | 42.4 |
| 09:30 PM - 09:35 PM | 49.1 | 45.5 | 12:10 AM - 12:15 AM | 45.7 | 43.1 | 02:50 AM - 02:55 AM | 42.9 | 42.3 |
| 09:35 PM - 09:40 PM | 51.2 | 45.7 | 12:15 AM - 12:20 AM | 44.6 | 42.8 | 02:55 AM - 03:00 AM | 43.4 | 42.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854747-1



**Sample Number** 23128868-11
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 03:00 AM - 03:05 AM | 43.3 | 42.5 | 05:40 AM - 05:45 AM | 51.3 | 46.8 | 08:20 AM - 08:25 AM | 58.2 | 46.8 |
| 03:05 AM - 03:10 AM | 45.9 | 43.6 | 05:45 AM - 05:50 AM | 55.9 | 46.9 | 08:25 AM - 08:30 AM | 52.9 | 42.9 |
| 03:10 AM - 03:15 AM | 45.9 | 43.9 | 05:50 AM - 05:55 AM | 57.1 | 47.3 | 08:30 AM - 08:35 AM | 51.1 | 43.8 |
| 03:15 AM - 03:20 AM | 45.5 | 43.5 | 05:55 AM - 06:00 AM | 57.6 | 48.2 | 08:35 AM - 08:40 AM | 58.5 | 46.2 |
| 03:20 AM - 03:25 AM | 46.0 | 43.4 | 06:00 AM - 06:05 AM | 59.2 | 47.6 | 08:40 AM - 08:45 AM | 55.6 | 44.4 |
| 03:25 AM - 03:30 AM | 43.8 | 42.8 | 06:05 AM - 06:10 AM | 59.4 | 48.3 | 08:45 AM - 08:50 AM | 62.8 | 48.7 |
| 03:30 AM - 03:35 AM | 44.9 | 42.9 | 06:10 AM - 06:15 AM | 57.7 | 48.0 | 08:50 AM - 08:55 AM | 57.4 | 45.1 |
| 03:35 AM - 03:40 AM | 52.5 | 43.7 | 06:15 AM - 06:20 AM | 55.9 | 47.8 | 08:55 AM - 09:00 AM | 54.7 | 44.8 |
| 03:40 AM - 03:45 AM | 44.0 | 43.1 | 06:20 AM - 06:25 AM | 53.5 | 47.4 | 09:00 AM - 09:05 AM | 49.9 | 44.4 |
| 03:45 AM - 03:50 AM | 44.7 | 43.4 | 06:25 AM - 06:30 AM | 57.2 | 48.2 | 09:05 AM - 09:10 AM | 52.9 | 44.6 |
| 03:50 AM - 03:55 AM | 50.4 | 43.0 | 06:30 AM - 06:35 AM | 55.1 | 47.5 | 09:10 AM - 09:15 AM | 50.0 | 44.4 |
| 03:55 AM - 04:00 AM | 52.5 | 43.1 | 06:35 AM - 06:40 AM | 53.6 | 46.3 | 09:15 AM - 09:20 AM | 52.4 | 46.3 |
| 04:00 AM - 04:05 AM | 44.5 | 43.1 | 06:40 AM - 06:45 AM | 51.0 | 46.0 | 09:20 AM - 09:25 AM | 52.3 | 46.4 |
| 04:05 AM - 04:10 AM | 45.5 | 43.8 | 06:45 AM - 06:50 AM | 49.6 | 46.5 | 09:25 AM - 09:30 AM | 56.8 | 47.0 |
| 04:10 AM - 04:15 AM | 45.7 | 43.8 | 06:50 AM - 06:55 AM | 57.0 | 46.6 | 09:30 AM - 09:35 AM | 49.8 | 44.7 |
| 04:15 AM - 04:20 AM | 45.5 | 44.0 | 06:55 AM - 07:00 AM | 58.5 | 46.5 | 09:35 AM - 09:40 AM | 50.8 | 43.6 |
| 04:20 AM - 04:25 AM | 53.5 | 44.7 | 07:00 AM - 07:05 AM | 54.3 | 44.6 | 09:40 AM - 09:45 AM | 50.2 | 45.1 |
| 04:25 AM - 04:30 AM | 46.7 | 44.8 | 07:05 AM - 07:10 AM | 60.5 | 45.6 | 09:45 AM - 09:50 AM | 52.5 | 46.4 |
| 04:30 AM - 04:35 AM | 48.2 | 44.9 | 07:10 AM - 07:15 AM | 56.6 | 44.3 | 09:50 AM - 09:55 AM | 49.4 | 44.8 |
| 04:35 AM - 04:40 AM | 47.3 | 44.7 | 07:15 AM - 07:20 AM | 57.8 | 46.1 | 09:55 AM - 10:00 AM | 50.8 | 44.2 |
| 04:40 AM - 04:45 AM | 54.3 | 44.6 | 07:20 AM - 07:25 AM | 49.2 | 44.1 | 10:00 AM - 10:05 AM | 54.4 | 46.5 |
| 04:45 AM - 04:50 AM | 53.9 | 44.2 | 07:25 AM - 07:30 AM | 51.3 | 44.3 | 10:05 AM - 10:10 AM | 52.1 | 45.4 |
| 04:50 AM - 04:55 AM | 56.1 | 44.2 | 07:30 AM - 07:35 AM | 52.0 | 46.1 | 10:10 AM - 10:15 AM | 50.1 | 44.2 |
| 04:55 AM - 05:00 AM | 54.7 | 44.5 | 07:35 AM - 07:40 AM | 55.7 | 46.4 | 10:15 AM - 10:20 AM | 49.5 | 44.3 |
| 05:00 AM - 05:05 AM | 52.7 | 43.7 | 07:40 AM - 07:45 AM | 58.0 | 46.8 | 10:20 AM - 10:25 AM | 52.8 | 45.8 |
| 05:05 AM - 05:10 AM | 53.2 | 44.2 | 07:45 AM - 07:50 AM | 53.3 | 48.0 | 10:25 AM - 10:30 AM | 52.4 | 45.8 |
| 05:10 AM - 05:15 AM | 54.9 | 45.2 | 07:50 AM - 07:55 AM | 54.7 | 47.8 | 10:30 AM - 10:35 AM | 51.8 | 48.4 |
| 05:15 AM - 05:20 AM | 56.2 | 45.2 | 07:55 AM - 08:00 AM | 53.2 | 46.8 | 10:35 AM - 10:40 AM | 56.6 | 44.1 |
| 05:20 AM - 05:25 AM | 52.3 | 45.8 | 08:00 AM - 08:05 AM | 68.1 | 47.1 | 10:40 AM - 10:45 AM | 52.4 | 46.1 |
| 05:25 AM - 05:30 AM | 52.4 | 46.3 | 08:05 AM - 08:10 AM | 61.1 | 45.4 | 10:45 AM - 10:50 AM | 54.8 | 48.9 |
| 05:30 AM - 05:35 AM | 58.4 | 46.7 | 08:10 AM - 08:15 AM | 54.8 | 46.1 | 10:50 AM - 10:55 AM | 52.6 | 47.3 |
| 05:35 AM - 05:40 AM | 56.8 | 46.9 | 08:15 AM - 08:20 AM | 60.2 | 45.6 | 10:55 AM - 11:00 AM | 48.8 | 45.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854748-1



**Sample Number** 23128868-12
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 11:00 AM - 11:05 AM | 52.6 | 45.6 | 01:40 PM - 01:45 PM | 51.6 | 45.6 | 04:20 PM - 04:25 PM | 55.0 | 46.3 |
| 11:05 AM - 11:10 AM | 58.1 | 46.5 | 01:45 PM - 01:50 PM | 50.0 | 44.4 | 04:25 PM - 04:30 PM | 53.6 | 45.2 |
| 11:10 AM - 11:15 AM | 54.5 | 45.4 | 01:50 PM - 01:55 PM | 57.5 | 43.6 | 04:30 PM - 04:35 PM | 51.0 | 44.0 |
| 11:15 AM - 11:20 AM | 55.6 | 45.2 | 01:55 PM - 02:00 PM | 53.9 | 45.0 | 04:35 PM - 04:40 PM | 51.7 | 45.2 |
| 11:20 AM - 11:25 AM | 53.4 | 44.2 | 02:00 PM - 02:05 PM | 57.3 | 45.8 | 04:40 PM - 04:45 PM | 52.9 | 43.5 |
| 11:25 AM - 11:30 AM | 52.8 | 47.6 | 02:05 PM - 02:10 PM | 52.5 | 45.3 | 04:45 PM - 04:50 PM | 52.5 | 43.4 |
| 11:30 AM - 11:35 AM | 50.9 | 45.9 | 02:10 PM - 02:15 PM | 52.9 | 46.5 | 04:50 PM - 04:55 PM | 57.4 | 45.8 |
| 11:35 AM - 11:40 AM | 51.8 | 45.7 | 02:15 PM - 02:20 PM | 51.0 | 45.6 | 04:55 PM - 05:00 PM | 52.8 | 44.5 |
| 11:40 AM - 11:45 AM | 54.2 | 48.1 | 02:20 PM - 02:25 PM | 53.3 | 46.0 | 05:00 PM - 05:05 PM | 51.8 | 45.0 |
| 11:45 AM - 11:50 AM | 55.6 | 46.2 | 02:25 PM - 02:30 PM | 54.6 | 46.6 | 05:05 PM - 05:10 PM | 54.0 | 46.3 |
| 11:50 AM - 11:55 AM | 54.0 | 47.7 | 02:30 PM - 02:35 PM | 51.5 | 46.5 | 05:10 PM - 05:15 PM | 51.0 | 44.4 |
| 11:55 AM - 12:00 PM | 52.3 | 45.7 | 02:35 PM - 02:40 PM | 51.4 | 45.8 | 05:15 PM - 05:20 PM | 57.0 | 46.6 |
| 12:00 PM - 12:05 PM | 52.7 | 45.0 | 02:40 PM - 02:45 PM | 54.4 | 48.3 | 05:20 PM - 05:25 PM | 51.8 | 46.2 |
| 12:05 PM - 12:10 PM | 55.3 | 47.3 | 02:45 PM - 02:50 PM | 54.0 | 45.1 | 05:25 PM - 05:30 PM | 50.3 | 44.4 |
| 12:10 PM - 12:15 PM | 53.0 | 48.8 | 02:50 PM - 02:55 PM | 53.9 | 45.3 | 05:30 PM - 05:35 PM | 50.5 | 45.5 |
| 12:15 PM - 12:20 PM | 55.8 | 46.9 | 02:55 PM - 03:00 PM | 58.7 | 45.7 | 05:35 PM - 05:40 PM | 51.8 | 44.6 |
| 12:20 PM - 12:25 PM | 51.8 | 45.2 | 03:00 PM - 03:05 PM | 54.0 | 44.6 | 05:40 PM - 05:45 PM | 55.6 | 44.7 |
| 12:25 PM - 12:30 PM | 52.9 | 45.3 | 03:05 PM - 03:10 PM | 55.6 | 46.6 | 05:45 PM - 05:50 PM | 49.8 | 45.1 |
| 12:30 PM - 12:35 PM | 53.8 | 46.4 | 03:10 PM - 03:15 PM | 56.4 | 48.0 | 05:50 PM - 05:55 PM | 54.4 | 48.5 |
| 12:35 PM - 12:40 PM | 53.4 | 47.3 | 03:15 PM - 03:20 PM | 54.7 | 44.2 | 05:55 PM - 06:00 PM | 51.7 | 46.4 |
| 12:40 PM - 12:45 PM | 54.4 | 47.3 | 03:20 PM - 03:25 PM | 52.4 | 44.5 | 06:00 PM - 06:05 PM | 50.0 | 45.6 |
| 12:45 PM - 12:50 PM | 54.3 | 47.7 | 03:25 PM - 03:30 PM | 55.8 | 44.1 | 06:05 PM - 06:10 PM | 53.7 | 46.5 |
| 12:50 PM - 12:55 PM | 51.8 | 45.7 | 03:30 PM - 03:35 PM | 58.0 | 43.9 | 06:10 PM - 06:15 PM | 50.2 | 46.0 |
| 12:55 PM - 01:00 PM | 52.2 | 44.8 | 03:35 PM - 03:40 PM | 49.6 | 43.8 | 06:15 PM - 06:20 PM | 53.9 | 46.5 |
| 01:00 PM - 01:05 PM | 56.4 | 48.0 | 03:40 PM - 03:45 PM | 53.3 | 43.8 | 06:20 PM - 06:25 PM | 54.2 | 47.1 |
| 01:05 PM - 01:10 PM | 66.1 | 46.2 | 03:45 PM - 03:50 PM | 51.3 | 45.0 | 06:25 PM - 06:30 PM | 50.1 | 47.3 |
| 01:10 PM - 01:15 PM | 59.7 | 44.5 | 03:50 PM - 03:55 PM | 52.9 | 46.5 | 06:30 PM - 06:35 PM | 50.3 | 47.0 |
| 01:15 PM - 01:20 PM | 60.3 | 45.7 | 03:55 PM - 04:00 PM | 53.8 | 46.7 | 06:35 PM - 06:40 PM | 50.4 | 47.6 |
| 01:20 PM - 01:25 PM | 53.6 | 47.0 | 04:00 PM - 04:05 PM | 53.9 | 46.2 | 06:40 PM - 06:45 PM | 50.3 | 47.6 |
| 01:25 PM - 01:30 PM | 54.0 | 46.0 | 04:05 PM - 04:10 PM | 55.9 | 46.4 | 06:45 PM - 06:50 PM | 49.2 | 47.2 |
| 01:30 PM - 01:35 PM | 53.3 | 44.4 | 04:10 PM - 04:15 PM | 50.6 | 44.7 | 06:50 PM - 06:55 PM | 49.3 | 46.9 |
| 01:35 PM - 01:40 PM | 53.4 | 46.0 | 04:15 PM - 04:20 PM | 51.0 | 44.9 | 06:55 PM - 07:00 PM | 51.2 | 47.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854748-1



**Sample Number** 23128868-12
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27 - Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 07:00 PM - 07:05 PM | 50.1 | 47.5 | 09:40 PM - 09:45 PM | 45.0 | 43.9 | 12:20 AM - 12:25 AM | 44.7 | 43.8 |
| 07:05 PM - 07:10 PM | 49.2 | 47.0 | 09:45 PM - 09:50 PM | 47.7 | 44.2 | 12:25 AM - 12:30 AM | 55.3 | 43.7 |
| 07:10 PM - 07:15 PM | 48.8 | 47.3 | 09:50 PM - 09:55 PM | 46.8 | 44.3 | 12:30 AM - 12:35 AM | 44.5 | 43.6 |
| 07:15 PM - 07:20 PM | 49.6 | 46.5 | 09:55 PM - 10:00 PM | 46.4 | 44.4 | 12:35 AM - 12:40 AM | 52.5 | 43.8 |
| 07:20 PM - 07:25 PM | 52.8 | 47.1 | 10:00 PM - 10:05 PM | 45.9 | 44.5 | 12:40 AM - 12:45 AM | 51.1 | 43.7 |
| 07:25 PM - 07:30 PM | 47.6 | 45.7 | 10:05 PM - 10:10 PM | 46.0 | 44.3 | 12:45 AM - 12:50 AM | 45.8 | 43.9 |
| 07:30 PM - 07:35 PM | 48.7 | 45.9 | 10:10 PM - 10:15 PM | 45.1 | 43.9 | 12:50 AM - 12:55 AM | 51.6 | 43.9 |
| 07:35 PM - 07:40 PM | 48.2 | 45.8 | 10:15 PM - 10:20 PM | 44.8 | 44.0 | 12:55 AM - 01:00 AM | 56.5 | 46.5 |
| 07:40 PM - 07:45 PM | 51.0 | 46.3 | 10:20 PM - 10:25 PM | 46.4 | 43.7 | 01:00 AM - 01:05 AM | 45.1 | 43.7 |
| 07:45 PM - 07:50 PM | 48.4 | 45.8 | 10:25 PM - 10:30 PM | 44.6 | 43.5 | 01:05 AM - 01:10 AM | 47.9 | 44.2 |
| 07:50 PM - 07:55 PM | 53.6 | 46.1 | 10:30 PM - 10:35 PM | 45.0 | 43.3 | 01:10 AM - 01:15 AM | 46.0 | 44.2 |
| 07:55 PM - 08:00 PM | 48.1 | 45.6 | 10:35 PM - 10:40 PM | 45.0 | 43.5 | 01:15 AM - 01:20 AM | 45.0 | 43.9 |
| 08:00 PM - 08:05 PM | 54.7 | 45.7 | 10:40 PM - 10:45 PM | 44.6 | 43.6 | 01:20 AM - 01:25 AM | 44.9 | 43.8 |
| 08:05 PM - 08:10 PM | 52.4 | 45.4 | 10:45 PM - 10:50 PM | 45.9 | 43.0 | 01:25 AM - 01:30 AM | 46.1 | 43.3 |
| 08:10 PM - 08:15 PM | 48.8 | 45.0 | 10:50 PM - 10:55 PM | 44.6 | 43.3 | 01:30 AM - 01:35 AM | 46.1 | 43.5 |
| 08:15 PM - 08:20 PM | 49.1 | 44.9 | 10:55 PM - 11:00 PM | 45.8 | 43.3 | 01:35 AM - 01:40 AM | 44.5 | 43.1 |
| 08:20 PM - 08:25 PM | 46.4 | 44.9 | 11:00 PM - 11:05 PM | 46.5 | 43.4 | 01:40 AM - 01:45 AM | 45.0 | 43.0 |
| 08:25 PM - 08:30 PM | 46.5 | 45.0 | 11:05 PM - 11:10 PM | 44.2 | 43.4 | 01:45 AM - 01:50 AM | 43.0 | 42.4 |
| 08:30 PM - 08:35 PM | 48.0 | 45.2 | 11:10 PM - 11:15 PM | 45.2 | 43.6 | 01:50 AM - 01:55 AM | 43.5 | 42.9 |
| 08:35 PM - 08:40 PM | 48.3 | 45.5 | 11:15 PM - 11:20 PM | 44.9 | 42.8 | 01:55 AM - 02:00 AM | 44.0 | 43.2 |
| 08:40 PM - 08:45 PM | 47.1 | 44.9 | 11:20 PM - 11:25 PM | 44.7 | 42.5 | 02:00 AM - 02:05 AM | 44.1 | 43.1 |
| 08:45 PM - 08:50 PM | 45.1 | 44.3 | 11:25 PM - 11:30 PM | 45.7 | 43.5 | 02:05 AM - 02:10 AM | 45.8 | 43.3 |
| 08:50 PM - 08:55 PM | 46.2 | 44.4 | 11:30 PM - 11:35 PM | 44.8 | 43.6 | 02:10 AM - 02:15 AM | 45.5 | 43.1 |
| 08:55 PM - 09:00 PM | 46.7 | 45.0 | 11:35 PM - 11:40 PM | 44.9 | 43.5 | 02:15 AM - 02:20 AM | 44.1 | 43.1 |
| 09:00 PM - 09:05 PM | 46.7 | 45.1 | 11:40 PM - 11:45 PM | 44.2 | 43.5 | 02:20 AM - 02:25 AM | 44.0 | 43.0 |
| 09:05 PM - 09:10 PM | 46.1 | 45.0 | 11:45 PM - 11:50 PM | 44.0 | 43.1 | 02:25 AM - 02:30 AM | 44.0 | 42.9 |
| 09:10 PM - 09:15 PM | 46.9 | 45.0 | 11:50 PM - 11:55 PM | 45.1 | 42.9 | 02:30 AM - 02:35 AM | 43.7 | 43.0 |
| 09:15 PM - 09:20 PM | 46.9 | 45.0 | 11:55 PM - 12:00 AM | 45.3 | 43.8 | 02:35 AM - 02:40 AM | 44.3 | 43.2 |
| 09:20 PM - 09:25 PM | 44.7 | 43.4 | 12:00 AM - 12:05 AM | 44.4 | 43.6 | 02:40 AM - 02:45 AM | 45.5 | 43.9 |
| 09:25 PM - 09:30 PM | 44.8 | 43.8 | 12:05 AM - 12:10 AM | 45.5 | 44.0 | 02:45 AM - 02:50 AM | 44.2 | 43.2 |
| 09:30 PM - 09:35 PM | 51.3 | 44.4 | 12:10 AM - 12:15 AM | 45.8 | 43.9 | 02:50 AM - 02:55 AM | 44.2 | 42.9 |
| 09:35 PM - 09:40 PM | 48.5 | 43.9 | 12:15 AM - 12:20 AM | 45.5 | 44.0 | 02:55 AM - 03:00 AM | 44.3 | 43.1 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854748-1



**Sample Number** 23128868-12
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 03:00 AM - 03:05 AM | 43.9 | 43.0 | 05:40 AM - 05:45 AM | 56.6 | 45.7 | 08:20 AM - 08:25 AM | 50.6 | 45.4 |
| 03:05 AM - 03:10 AM | 43.7 | 42.8 | 05:45 AM - 05:50 AM | 55.1 | 45.6 | 08:25 AM - 08:30 AM | 51.2 | 47.6 |
| 03:10 AM - 03:15 AM | 45.7 | 43.4 | 05:50 AM - 05:55 AM | 56.7 | 46.0 | 08:30 AM - 08:35 AM | 56.1 | 48.2 |
| 03:15 AM - 03:20 AM | 44.4 | 43.5 | 05:55 AM - 06:00 AM | 56.2 | 46.6 | 08:35 AM - 08:40 AM | 54.3 | 45.8 |
| 03:20 AM - 03:25 AM | 46.1 | 43.6 | 06:00 AM - 06:05 AM | 58.0 | 47.8 | 08:40 AM - 08:45 AM | 52.7 | 49.4 |
| 03:25 AM - 03:30 AM | 45.0 | 43.7 | 06:05 AM - 06:10 AM | 59.4 | 46.9 | 08:45 AM - 08:50 AM | 50.3 | 44.9 |
| 03:30 AM - 03:35 AM | 44.1 | 43.7 | 06:10 AM - 06:15 AM | 58.1 | 47.3 | 08:50 AM - 08:55 AM | 67.1 | 45.6 |
| 03:35 AM - 03:40 AM | 44.7 | 44.1 | 06:15 AM - 06:20 AM | 57.5 | 46.9 | 08:55 AM - 09:00 AM | 69.6 | 48.1 |
| 03:40 AM - 03:45 AM | 45.6 | 44.0 | 06:20 AM - 06:25 AM | 52.8 | 45.8 | 09:00 AM - 09:05 AM | 56.2 | 47.0 |
| 03:45 AM - 03:50 AM | 47.5 | 43.8 | 06:25 AM - 06:30 AM | 54.7 | 46.8 | 09:05 AM - 09:10 AM | 52.4 | 45.6 |
| 03:50 AM - 03:55 AM | 44.0 | 43.1 | 06:30 AM - 06:35 AM | 53.5 | 46.1 | 09:10 AM - 09:15 AM | 54.5 | 45.5 |
| 03:55 AM - 04:00 AM | 43.7 | 43.0 | 06:35 AM - 06:40 AM | 59.5 | 45.6 | 09:15 AM - 09:20 AM | 49.9 | 46.5 |
| 04:00 AM - 04:05 AM | 44.1 | 42.9 | 06:40 AM - 06:45 AM | 54.7 | 45.2 | 09:20 AM - 09:25 AM | 52.0 | 47.3 |
| 04:05 AM - 04:10 AM | 54.4 | 43.5 | 06:45 AM - 06:50 AM | 50.9 | 44.7 | 09:25 AM - 09:30 AM | 49.2 | 44.4 |
| 04:10 AM - 04:15 AM | 43.8 | 43.1 | 06:50 AM - 06:55 AM | 53.2 | 44.7 | 09:30 AM - 09:35 AM | 54.8 | 44.8 |
| 04:15 AM - 04:20 AM | 44.7 | 43.4 | 06:55 AM - 07:00 AM | 51.0 | 45.5 | 09:35 AM - 09:40 AM | 50.7 | 46.1 |
| 04:20 AM - 04:25 AM | 46.0 | 43.7 | 07:00 AM - 07:05 AM | 53.7 | 44.9 | 09:40 AM - 09:45 AM | 53.5 | 45.7 |
| 04:25 AM - 04:30 AM | 45.8 | 43.9 | 07:05 AM - 07:10 AM | 54.0 | 46.4 | 09:45 AM - 09:50 AM | 51.8 | 47.3 |
| 04:30 AM - 04:35 AM | 47.0 | 44.2 | 07:10 AM - 07:15 AM | 58.7 | 45.2 | 09:50 AM - 09:55 AM | 52.3 | 46.4 |
| 04:35 AM - 04:40 AM | 54.6 | 44.3 | 07:15 AM - 07:20 AM | 53.1 | 46.0 | 09:55 AM - 10:00 AM | 52.1 | 47.1 |
| 04:40 AM - 04:45 AM | 47.0 | 44.3 | 07:20 AM - 07:25 AM | 52.1 | 44.8 | 10:00 AM - 10:05 AM | 52.5 | 47.9 |
| 04:45 AM - 04:50 AM | 51.1 | 44.1 | 07:25 AM - 07:30 AM | 52.7 | 42.0 | 10:05 AM - 10:10 AM | 55.7 | 45.6 |
| 04:50 AM - 04:55 AM | 51.9 | 44.6 | 07:30 AM - 07:35 AM | 51.5 | 45.2 | 10:10 AM - 10:15 AM | 54.8 | 47.2 |
| 04:55 AM - 05:00 AM | 53.4 | 44.8 | 07:35 AM - 07:40 AM | 49.3 | 43.4 | 10:15 AM - 10:20 AM | 57.4 | 43.5 |
| 05:00 AM - 05:05 AM | 47.7 | 44.4 | 07:40 AM - 07:45 AM | 47.1 | 43.3 | 10:20 AM - 10:25 AM | 50.8 | 45.8 |
| 05:05 AM - 05:10 AM | 54.3 | 44.7 | 07:45 AM - 07:50 AM | 51.3 | 46.0 | 10:25 AM - 10:30 AM | 52.6 | 45.5 |
| 05:10 AM - 05:15 AM | 54.5 | 45.7 | 07:50 AM - 07:55 AM | 52.7 | 47.9 | 10:30 AM - 10:35 AM | 54.4 | 47.5 |
| 05:15 AM - 05:20 AM | 50.0 | 46.4 | 07:55 AM - 08:00 AM | 54.2 | 48.8 | 10:35 AM - 10:40 AM | 52.9 | 47.9 |
| 05:20 AM - 05:25 AM | 50.7 | 46.7 | 08:00 AM - 08:05 AM | 55.3 | 48.2 | 10:40 AM - 10:45 AM | 52.5 | 45.8 |
| 05:25 AM - 05:30 AM | 53.3 | 46.6 | 08:05 AM - 08:10 AM | 55.4 | 46.5 | 10:45 AM - 10:50 AM | 54.2 | 44.9 |
| 05:30 AM - 05:35 AM | 53.4 | 45.8 | 08:10 AM - 08:15 AM | 52.5 | 47.0 | 10:50 AM - 10:55 AM | 52.4 | 48.5 |
| 05:35 AM - 05:40 AM | 57.4 | 46.6 | 08:15 AM - 08:20 AM | 51.9 | 46.0 | 10:55 AM - 11:00 AM | 54.4 | 47.7 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854749-1



**Sample Number** 23128868-13
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 11:00 AM - 11:05 AM | 54.3 | 47.6 | 01:40 PM - 01:45 PM | 51.5 | 43.2 | 04:20 PM - 04:25 PM | 55.2 | 48.6 |
| 11:05 AM - 11:10 AM | 52.7 | 47.0 | 01:45 PM - 01:50 PM | 53.7 | 47.9 | 04:25 PM - 04:30 PM | 51.1 | 44.2 |
| 11:10 AM - 11:15 AM | 60.0 | 48.0 | 01:50 PM - 01:55 PM | 54.6 | 46.1 | 04:30 PM - 04:35 PM | 50.4 | 45.0 |
| 11:15 AM - 11:20 AM | 55.9 | 48.3 | 01:55 PM - 02:00 PM | 50.3 | 46.3 | 04:35 PM - 04:40 PM | 50.3 | 44.9 |
| 11:20 AM - 11:25 AM | 56.5 | 46.0 | 02:00 PM - 02:05 PM | 55.8 | 46.3 | 04:40 PM - 04:45 PM | 52.4 | 45.1 |
| 11:25 AM - 11:30 AM | 59.9 | 46.5 | 02:05 PM - 02:10 PM | 54.0 | 47.9 | 04:45 PM - 04:50 PM | 50.2 | 44.9 |
| 11:30 AM - 11:35 AM | 56.7 | 49.2 | 02:10 PM - 02:15 PM | 54.0 | 45.5 | 04:50 PM - 04:55 PM | 50.8 | 45.0 |
| 11:35 AM - 11:40 AM | 52.5 | 46.5 | 02:15 PM - 02:20 PM | 51.9 | 47.4 | 04:55 PM - 05:00 PM | 53.9 | 47.1 |
| 11:40 AM - 11:45 AM | 53.9 | 46.7 | 02:20 PM - 02:25 PM | 58.1 | 48.1 | 05:00 PM - 05:05 PM | 53.6 | 47.8 |
| 11:45 AM - 11:50 AM | 53.8 | 47.2 | 02:25 PM - 02:30 PM | 56.3 | 48.7 | 05:05 PM - 05:10 PM | 49.9 | 44.5 |
| 11:50 AM - 11:55 AM | 55.3 | 47.9 | 02:30 PM - 02:35 PM | 61.1 | 45.8 | 05:10 PM - 05:15 PM | 55.6 | 44.5 |
| 11:55 AM - 12:00 PM | 53.8 | 46.3 | 02:35 PM - 02:40 PM | 57.2 | 45.7 | 05:15 PM - 05:20 PM | 54.4 | 46.1 |
| 12:00 PM - 12:05 PM | 53.0 | 47.7 | 02:40 PM - 02:45 PM | 49.7 | 43.6 | 05:20 PM - 05:25 PM | 52.3 | 47.3 |
| 12:05 PM - 12:10 PM | 51.2 | 46.0 | 02:45 PM - 02:50 PM | 57.2 | 44.2 | 05:25 PM - 05:30 PM | 53.4 | 45.3 |
| 12:10 PM - 12:15 PM | 52.1 | 45.8 | 02:50 PM - 02:55 PM | 57.5 | 46.1 | 05:30 PM - 05:35 PM | 53.5 | 45.2 |
| 12:15 PM - 12:20 PM | 55.4 | 44.1 | 02:55 PM - 03:00 PM | 51.5 | 45.6 | 05:35 PM - 05:40 PM | 54.0 | 45.8 |
| 12:20 PM - 12:25 PM | 53.7 | 47.2 | 03:00 PM - 03:05 PM | 49.7 | 44.7 | 05:40 PM - 05:45 PM | 52.5 | 45.9 |
| 12:25 PM - 12:30 PM | 50.2 | 44.5 | 03:05 PM - 03:10 PM | 49.8 | 43.6 | 05:45 PM - 05:50 PM | 52.7 | 44.7 |
| 12:30 PM - 12:35 PM | 51.4 | 45.8 | 03:10 PM - 03:15 PM | 50.0 | 43.9 | 05:50 PM - 05:55 PM | 53.7 | 45.3 |
| 12:35 PM - 12:40 PM | 53.1 | 46.4 | 03:15 PM - 03:20 PM | 50.8 | 45.2 | 05:55 PM - 06:00 PM | 55.2 | 46.9 |
| 12:40 PM - 12:45 PM | 55.4 | 47.8 | 03:20 PM - 03:25 PM | 51.5 | 43.7 | 06:00 PM - 06:05 PM | 53.3 | 46.1 |
| 12:45 PM - 12:50 PM | 51.9 | 48.1 | 03:25 PM - 03:30 PM | 52.5 | 44.8 | 06:05 PM - 06:10 PM | 52.8 | 45.4 |
| 12:50 PM - 12:55 PM | 51.4 | 48.4 | 03:30 PM - 03:35 PM | 53.3 | 46.3 | 06:10 PM - 06:15 PM | 56.5 | 45.8 |
| 12:55 PM - 01:00 PM | 54.0 | 46.4 | 03:35 PM - 03:40 PM | 51.2 | 45.2 | 06:15 PM - 06:20 PM | 53.7 | 44.8 |
| 01:00 PM - 01:05 PM | 54.0 | 48.6 | 03:40 PM - 03:45 PM | 52.7 | 46.0 | 06:20 PM - 06:25 PM | 49.6 | 45.5 |
| 01:05 PM - 01:10 PM | 53.3 | 48.1 | 03:45 PM - 03:50 PM | 53.1 | 43.9 | 06:25 PM - 06:30 PM | 48.7 | 46.5 |
| 01:10 PM - 01:15 PM | 51.5 | 47.5 | 03:50 PM - 03:55 PM | 52.5 | 44.5 | 06:30 PM - 06:35 PM | 50.5 | 47.9 |
| 01:15 PM - 01:20 PM | 51.1 | 46.7 | 03:55 PM - 04:00 PM | 52.2 | 44.6 | 06:35 PM - 06:40 PM | 50.6 | 48.3 |
| 01:20 PM - 01:25 PM | 51.7 | 46.9 | 04:00 PM - 04:05 PM | 51.7 | 43.1 | 06:40 PM - 06:45 PM | 51.5 | 45.9 |
| 01:25 PM - 01:30 PM | 55.4 | 46.1 | 04:05 PM - 04:10 PM | 54.7 | 46.2 | 06:45 PM - 06:50 PM | 50.5 | 47.5 |
| 01:30 PM - 01:35 PM | 52.0 | 45.2 | 04:10 PM - 04:15 PM | 50.9 | 45.6 | 06:50 PM - 06:55 PM | 52.6 | 47.0 |
| 01:35 PM - 01:40 PM | 50.9 | 45.0 | 04:15 PM - 04:20 PM | 51.6 | 44.7 | 06:55 PM - 07:00 PM | 49.2 | 46.8 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854749-1



**Sample Number** 23128868-13
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28 - Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 07:00 PM - 07:05 PM | 49.1 | 47.0 | 09:40 PM - 09:45 PM | 46.5 | 44.3 | 12:20 AM - 12:25 AM | 42.7 | 42.2 |
| 07:05 PM - 07:10 PM | 51.9 | 47.2 | 09:45 PM - 09:50 PM | 47.5 | 44.4 | 12:25 AM - 12:30 AM | 45.3 | 42.1 |
| 07:10 PM - 07:15 PM | 51.0 | 47.3 | 09:50 PM - 09:55 PM | 48.6 | 44.7 | 12:30 AM - 12:35 AM | 43.3 | 42.3 |
| 07:15 PM - 07:20 PM | 52.3 | 46.9 | 09:55 PM - 10:00 PM | 49.2 | 44.2 | 12:35 AM - 12:40 AM | 42.5 | 41.9 |
| 07:20 PM - 07:25 PM | 49.8 | 46.8 | 10:00 PM - 10:05 PM | 48.4 | 44.2 | 12:40 AM - 12:45 AM | 43.0 | 41.9 |
| 07:25 PM - 07:30 PM | 49.7 | 46.4 | 10:05 PM - 10:10 PM | 45.2 | 44.1 | 12:45 AM - 12:50 AM | 42.3 | 41.7 |
| 07:30 PM - 07:35 PM | 50.2 | 47.2 | 10:10 PM - 10:15 PM | 52.6 | 44.4 | 12:50 AM - 12:55 AM | 45.3 | 41.8 |
| 07:35 PM - 07:40 PM | 51.6 | 47.3 | 10:15 PM - 10:20 PM | 45.8 | 44.3 | 12:55 AM - 01:00 AM | 42.1 | 41.5 |
| 07:40 PM - 07:45 PM | 49.2 | 46.6 | 10:20 PM - 10:25 PM | 46.7 | 44.5 | 01:00 AM - 01:05 AM | 42.7 | 41.6 |
| 07:45 PM - 07:50 PM | 49.8 | 46.8 | 10:25 PM - 10:30 PM | 44.9 | 44.1 | 01:05 AM - 01:10 AM | 50.8 | 41.8 |
| 07:50 PM - 07:55 PM | 49.3 | 47.1 | 10:30 PM - 10:35 PM | 48.1 | 44.4 | 01:10 AM - 01:15 AM | 50.8 | 41.5 |
| 07:55 PM - 08:00 PM | 48.9 | 46.9 | 10:35 PM - 10:40 PM | 50.6 | 44.7 | 01:15 AM - 01:20 AM | 45.2 | 42.1 |
| 08:00 PM - 08:05 PM | 49.1 | 45.1 | 10:40 PM - 10:45 PM | 48.9 | 44.8 | 01:20 AM - 01:25 AM | 43.0 | 41.9 |
| 08:05 PM - 08:10 PM | 48.7 | 45.3 | 10:45 PM - 10:50 PM | 45.4 | 44.0 | 01:25 AM - 01:30 AM | 43.6 | 41.8 |
| 08:10 PM - 08:15 PM | 47.6 | 44.5 | 10:50 PM - 10:55 PM | 48.6 | 44.5 | 01:30 AM - 01:35 AM | 45.1 | 42.2 |
| 08:15 PM - 08:20 PM | 46.1 | 44.0 | 10:55 PM - 11:00 PM | 46.5 | 43.9 | 01:35 AM - 01:40 AM | 43.4 | 41.7 |
| 08:20 PM - 08:25 PM | 49.1 | 44.8 | 11:00 PM - 11:05 PM | 46.1 | 44.1 | 01:40 AM - 01:45 AM | 43.7 | 41.8 |
| 08:25 PM - 08:30 PM | 50.6 | 45.9 | 11:05 PM - 11:10 PM | 44.9 | 44.3 | 01:45 AM - 01:50 AM | 44.1 | 41.8 |
| 08:30 PM - 08:35 PM | 51.4 | 45.1 | 11:10 PM - 11:15 PM | 45.4 | 43.7 | 01:50 AM - 01:55 AM | 43.4 | 42.0 |
| 08:35 PM - 08:40 PM | 46.6 | 44.7 | 11:15 PM - 11:20 PM | 46.4 | 44.0 | 01:55 AM - 02:00 AM | 46.0 | 42.0 |
| 08:40 PM - 08:45 PM | 48.3 | 44.6 | 11:20 PM - 11:25 PM | 45.2 | 44.0 | 02:00 AM - 02:05 AM | 43.7 | 42.3 |
| 08:45 PM - 08:50 PM | 50.6 | 44.5 | 11:25 PM - 11:30 PM | 44.7 | 43.9 | 02:05 AM - 02:10 AM | 44.7 | 42.0 |
| 08:50 PM - 08:55 PM | 48.7 | 44.3 | 11:30 PM - 11:35 PM | 44.2 | 43.6 | 02:10 AM - 02:15 AM | 42.7 | 42.0 |
| 08:55 PM - 09:00 PM | 50.3 | 44.2 | 11:35 PM - 11:40 PM | 45.4 | 43.7 | 02:15 AM - 02:20 AM | 44.8 | 41.9 |
| 09:00 PM - 09:05 PM | 49.5 | 44.8 | 11:40 PM - 11:45 PM | 45.7 | 42.9 | 02:20 AM - 02:25 AM | 43.3 | 41.7 |
| 09:05 PM - 09:10 PM | 47.1 | 43.8 | 11:45 PM - 11:50 PM | 45.3 | 42.9 | 02:25 AM - 02:30 AM | 42.8 | 42.0 |
| 09:10 PM - 09:15 PM | 50.6 | 45.1 | 11:50 PM - 11:55 PM | 43.8 | 41.7 | 02:30 AM - 02:35 AM | 42.3 | 41.6 |
| 09:15 PM - 09:20 PM | 48.0 | 44.6 | 11:55 PM - 12:00 AM | 47.4 | 42.3 | 02:35 AM - 02:40 AM | 42.6 | 42.0 |
| 09:20 PM - 09:25 PM | 45.8 | 44.4 | 12:00 AM - 12:05 AM | 44.3 | 42.3 | 02:40 AM - 02:45 AM | 45.2 | 42.3 |
| 09:25 PM - 09:30 PM | 46.1 | 44.5 | 12:05 AM - 12:10 AM | 44.0 | 42.7 | 02:45 AM - 02:50 AM | 42.4 | 41.9 |
| 09:30 PM - 09:35 PM | 48.6 | 45.0 | 12:10 AM - 12:15 AM | 45.2 | 42.6 | 02:50 AM - 02:55 AM | 42.4 | 41.8 |
| 09:35 PM - 09:40 PM | 50.7 | 45.2 | 12:15 AM - 12:20 AM | 44.1 | 42.3 | 02:55 AM - 03:00 AM | 42.9 | 41.9 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854749-1



**Sample Number** 23128868-13
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 03:00 AM - 03:05 AM | 42.8 | 42.0 | 05:40 AM - 05:45 AM | 50.8 | 46.3 | 08:20 AM - 08:25 AM | 57.7 | 46.3 |
| 03:05 AM - 03:10 AM | 45.4 | 43.1 | 05:45 AM - 05:50 AM | 55.4 | 46.4 | 08:25 AM - 08:30 AM | 52.4 | 42.4 |
| 03:10 AM - 03:15 AM | 45.4 | 43.4 | 05:50 AM - 05:55 AM | 56.6 | 46.8 | 08:30 AM - 08:35 AM | 50.6 | 43.3 |
| 03:15 AM - 03:20 AM | 45.0 | 43.0 | 05:55 AM - 06:00 AM | 57.1 | 47.7 | 08:35 AM - 08:40 AM | 58.0 | 45.7 |
| 03:20 AM - 03:25 AM | 45.5 | 42.9 | 06:00 AM - 06:05 AM | 58.7 | 47.1 | 08:40 AM - 08:45 AM | 55.1 | 43.9 |
| 03:25 AM - 03:30 AM | 43.3 | 42.3 | 06:05 AM - 06:10 AM | 58.9 | 47.8 | 08:45 AM - 08:50 AM | 62.3 | 48.2 |
| 03:30 AM - 03:35 AM | 44.4 | 42.4 | 06:10 AM - 06:15 AM | 57.2 | 47.5 | 08:50 AM - 08:55 AM | 56.9 | 44.6 |
| 03:35 AM - 03:40 AM | 52.0 | 43.2 | 06:15 AM - 06:20 AM | 55.4 | 47.3 | 08:55 AM - 09:00 AM | 54.2 | 44.3 |
| 03:40 AM - 03:45 AM | 43.5 | 42.6 | 06:20 AM - 06:25 AM | 53.0 | 46.9 | 09:00 AM - 09:05 AM | 49.4 | 43.9 |
| 03:45 AM - 03:50 AM | 44.2 | 42.9 | 06:25 AM - 06:30 AM | 56.7 | 47.7 | 09:05 AM - 09:10 AM | 52.4 | 44.1 |
| 03:50 AM - 03:55 AM | 49.9 | 42.5 | 06:30 AM - 06:35 AM | 54.6 | 47.0 | 09:10 AM - 09:15 AM | 49.5 | 43.9 |
| 03:55 AM - 04:00 AM | 52.0 | 42.6 | 06:35 AM - 06:40 AM | 53.1 | 45.8 | 09:15 AM - 09:20 AM | 51.9 | 45.8 |
| 04:00 AM - 04:05 AM | 44.0 | 42.6 | 06:40 AM - 06:45 AM | 50.5 | 45.5 | 09:20 AM - 09:25 AM | 51.8 | 45.9 |
| 04:05 AM - 04:10 AM | 45.0 | 43.3 | 06:45 AM - 06:50 AM | 49.1 | 46.0 | 09:25 AM - 09:30 AM | 56.3 | 46.5 |
| 04:10 AM - 04:15 AM | 45.2 | 43.3 | 06:50 AM - 06:55 AM | 56.5 | 46.1 | 09:30 AM - 09:35 AM | 49.3 | 44.2 |
| 04:15 AM - 04:20 AM | 45.0 | 43.5 | 06:55 AM - 07:00 AM | 58.0 | 46.0 | 09:35 AM - 09:40 AM | 50.3 | 43.1 |
| 04:20 AM - 04:25 AM | 53.0 | 44.2 | 07:00 AM - 07:05 AM | 53.8 | 44.1 | 09:40 AM - 09:45 AM | 49.7 | 44.6 |
| 04:25 AM - 04:30 AM | 46.2 | 44.3 | 07:05 AM - 07:10 AM | 60.0 | 45.1 | 09:45 AM - 09:50 AM | 52.0 | 45.9 |
| 04:30 AM - 04:35 AM | 47.7 | 44.4 | 07:10 AM - 07:15 AM | 56.1 | 43.8 | 09:50 AM - 09:55 AM | 48.9 | 44.3 |
| 04:35 AM - 04:40 AM | 46.8 | 44.2 | 07:15 AM - 07:20 AM | 57.3 | 45.6 | 09:55 AM - 10:00 AM | 50.3 | 43.7 |
| 04:40 AM - 04:45 AM | 53.8 | 44.1 | 07:20 AM - 07:25 AM | 48.7 | 43.6 | 10:00 AM - 10:05 AM | 53.9 | 46.0 |
| 04:45 AM - 04:50 AM | 53.4 | 43.7 | 07:25 AM - 07:30 AM | 50.8 | 43.8 | 10:05 AM - 10:10 AM | 51.6 | 44.9 |
| 04:50 AM - 04:55 AM | 55.6 | 43.7 | 07:30 AM - 07:35 AM | 51.5 | 45.6 | 10:10 AM - 10:15 AM | 49.6 | 43.7 |
| 04:55 AM - 05:00 AM | 54.2 | 44.0 | 07:35 AM - 07:40 AM | 55.2 | 45.9 | 10:15 AM - 10:20 AM | 49.0 | 43.8 |
| 05:00 AM - 05:05 AM | 52.2 | 43.2 | 07:40 AM - 07:45 AM | 57.5 | 46.3 | 10:20 AM - 10:25 AM | 52.3 | 45.3 |
| 05:05 AM - 05:10 AM | 52.7 | 43.7 | 07:45 AM - 07:50 AM | 52.8 | 47.5 | 10:25 AM - 10:30 AM | 51.9 | 45.3 |
| 05:10 AM - 05:15 AM | 54.4 | 44.7 | 07:50 AM - 07:55 AM | 54.2 | 47.3 | 10:30 AM - 10:35 AM | 51.3 | 47.9 |
| 05:15 AM - 05:20 AM | 55.7 | 44.7 | 07:55 AM - 08:00 AM | 52.7 | 46.3 | 10:35 AM - 10:40 AM | 56.1 | 43.6 |
| 05:20 AM - 05:25 AM | 51.8 | 45.3 | 08:00 AM - 08:05 AM | 67.6 | 46.6 | 10:40 AM - 10:45 AM | 51.9 | 45.6 |
| 05:25 AM - 05:30 AM | 51.9 | 45.8 | 08:05 AM - 08:10 AM | 60.6 | 44.9 | 10:45 AM - 10:50 AM | 54.3 | 48.4 |
| 05:30 AM - 05:35 AM | 57.9 | 46.2 | 08:10 AM - 08:15 AM | 54.3 | 45.6 | 10:50 AM - 10:55 AM | 52.1 | 46.8 |
| 05:35 AM - 05:40 AM | 56.3 | 46.4 | 08:15 AM - 08:20 AM | 59.7 | 45.1 | 10:55 AM - 11:00 AM | 48.3 | 44.7 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854750-1



**Sample Number** 23128868-14
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 11:00 AM - 11:05 AM | 52.1 | 45.1 | 01:40 PM - 01:45 PM | 51.1 | 45.1 | 04:20 PM - 04:25 PM | 54.5 | 45.8 |
| 11:05 AM - 11:10 AM | 57.6 | 46.0 | 01:45 PM - 01:50 PM | 49.5 | 43.9 | 04:25 PM - 04:30 PM | 53.1 | 44.7 |
| 11:10 AM - 11:15 AM | 54.0 | 44.9 | 01:50 PM - 01:55 PM | 57.0 | 43.1 | 04:30 PM - 04:35 PM | 50.5 | 43.5 |
| 11:15 AM - 11:20 AM | 55.1 | 44.7 | 01:55 PM - 02:00 PM | 53.4 | 44.5 | 04:35 PM - 04:40 PM | 51.2 | 44.7 |
| 11:20 AM - 11:25 AM | 52.9 | 43.7 | 02:00 PM - 02:05 PM | 56.8 | 45.3 | 04:40 PM - 04:45 PM | 52.4 | 43.0 |
| 11:25 AM - 11:30 AM | 52.3 | 47.1 | 02:05 PM - 02:10 PM | 52.0 | 44.8 | 04:45 PM - 04:50 PM | 52.0 | 42.9 |
| 11:30 AM - 11:35 AM | 50.4 | 45.4 | 02:10 PM - 02:15 PM | 52.4 | 46.0 | 04:50 PM - 04:55 PM | 56.9 | 45.3 |
| 11:35 AM - 11:40 AM | 51.3 | 45.2 | 02:15 PM - 02:20 PM | 50.5 | 45.1 | 04:55 PM - 05:00 PM | 52.3 | 44.0 |
| 11:40 AM - 11:45 AM | 53.7 | 47.6 | 02:20 PM - 02:25 PM | 52.8 | 45.5 | 05:00 PM - 05:05 PM | 51.3 | 44.5 |
| 11:45 AM - 11:50 AM | 55.1 | 45.7 | 02:25 PM - 02:30 PM | 54.1 | 46.1 | 05:05 PM - 05:10 PM | 53.5 | 45.8 |
| 11:50 AM - 11:55 AM | 53.5 | 47.2 | 02:30 PM - 02:35 PM | 51.0 | 46.0 | 05:10 PM - 05:15 PM | 50.5 | 43.9 |
| 11:55 AM - 12:00 PM | 51.8 | 45.2 | 02:35 PM - 02:40 PM | 50.9 | 45.3 | 05:15 PM - 05:20 PM | 56.5 | 46.1 |
| 12:00 PM - 12:05 PM | 52.2 | 44.5 | 02:40 PM - 02:45 PM | 53.9 | 47.8 | 05:20 PM - 05:25 PM | 51.3 | 45.7 |
| 12:05 PM - 12:10 PM | 54.8 | 46.8 | 02:45 PM - 02:50 PM | 53.5 | 44.6 | 05:25 PM - 05:30 PM | 49.8 | 43.9 |
| 12:10 PM - 12:15 PM | 52.5 | 48.3 | 02:50 PM - 02:55 PM | 53.4 | 44.8 | 05:30 PM - 05:35 PM | 50.0 | 45.0 |
| 12:15 PM - 12:20 PM | 55.3 | 46.4 | 02:55 PM - 03:00 PM | 58.2 | 45.2 | 05:35 PM - 05:40 PM | 51.3 | 44.1 |
| 12:20 PM - 12:25 PM | 51.3 | 44.7 | 03:00 PM - 03:05 PM | 53.5 | 44.1 | 05:40 PM - 05:45 PM | 55.1 | 44.2 |
| 12:25 PM - 12:30 PM | 52.4 | 44.8 | 03:05 PM - 03:10 PM | 55.1 | 46.1 | 05:45 PM - 05:50 PM | 49.3 | 44.6 |
| 12:30 PM - 12:35 PM | 53.3 | 45.9 | 03:10 PM - 03:15 PM | 55.9 | 47.5 | 05:50 PM - 05:55 PM | 53.9 | 48.0 |
| 12:35 PM - 12:40 PM | 52.9 | 46.8 | 03:15 PM - 03:20 PM | 54.2 | 43.7 | 05:55 PM - 06:00 PM | 51.2 | 45.9 |
| 12:40 PM - 12:45 PM | 53.9 | 46.8 | 03:20 PM - 03:25 PM | 51.9 | 44.0 | 06:00 PM - 06:05 PM | 49.5 | 45.1 |
| 12:45 PM - 12:50 PM | 53.8 | 47.2 | 03:25 PM - 03:30 PM | 55.3 | 43.6 | 06:05 PM - 06:10 PM | 53.2 | 46.0 |
| 12:50 PM - 12:55 PM | 51.3 | 45.2 | 03:30 PM - 03:35 PM | 57.5 | 43.4 | 06:10 PM - 06:15 PM | 49.7 | 45.5 |
| 12:55 PM - 01:00 PM | 51.7 | 44.3 | 03:35 PM - 03:40 PM | 49.1 | 43.3 | 06:15 PM - 06:20 PM | 53.4 | 46.0 |
| 01:00 PM - 01:05 PM | 55.9 | 47.5 | 03:40 PM - 03:45 PM | 52.8 | 43.3 | 06:20 PM - 06:25 PM | 53.7 | 46.6 |
| 01:05 PM - 01:10 PM | 65.6 | 45.7 | 03:45 PM - 03:50 PM | 50.8 | 44.5 | 06:25 PM - 06:30 PM | 49.6 | 46.8 |
| 01:10 PM - 01:15 PM | 59.2 | 44.0 | 03:50 PM - 03:55 PM | 52.4 | 46.0 | 06:30 PM - 06:35 PM | 49.8 | 46.5 |
| 01:15 PM - 01:20 PM | 59.8 | 45.2 | 03:55 PM - 04:00 PM | 53.3 | 46.2 | 06:35 PM - 06:40 PM | 49.9 | 47.1 |
| 01:20 PM - 01:25 PM | 53.1 | 46.5 | 04:00 PM - 04:05 PM | 53.4 | 45.7 | 06:40 PM - 06:45 PM | 49.8 | 47.1 |
| 01:25 PM - 01:30 PM | 53.5 | 45.5 | 04:05 PM - 04:10 PM | 55.4 | 45.9 | 06:45 PM - 06:50 PM | 48.7 | 46.7 |
| 01:30 PM - 01:35 PM | 52.8 | 43.9 | 04:10 PM - 04:15 PM | 50.1 | 44.2 | 06:50 PM - 06:55 PM | 48.8 | 46.4 |
| 01:35 PM - 01:40 PM | 52.9 | 45.5 | 04:15 PM - 04:20 PM | 50.5 | 44.4 | 06:55 PM - 07:00 PM | 50.7 | 46.9 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854750-1



**Sample Number** 23128868-14
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29 - Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 07:00 PM - 07:05 PM | 49.6 | 47.0 | 09:40 PM - 09:45 PM | 44.5 | 43.4 | 12:20 AM - 12:25 AM | 44.2 | 43.3 |
| 07:05 PM - 07:10 PM | 48.7 | 46.5 | 09:45 PM - 09:50 PM | 47.2 | 43.7 | 12:25 AM - 12:30 AM | 54.8 | 43.2 |
| 07:10 PM - 07:15 PM | 48.3 | 46.8 | 09:50 PM - 09:55 PM | 46.3 | 43.8 | 12:30 AM - 12:35 AM | 44.0 | 43.1 |
| 07:15 PM - 07:20 PM | 49.1 | 46.0 | 09:55 PM - 10:00 PM | 45.9 | 43.9 | 12:35 AM - 12:40 AM | 52.0 | 43.3 |
| 07:20 PM - 07:25 PM | 52.3 | 46.6 | 10:00 PM - 10:05 PM | 45.4 | 44.0 | 12:40 AM - 12:45 AM | 50.6 | 43.2 |
| 07:25 PM - 07:30 PM | 47.1 | 45.2 | 10:05 PM - 10:10 PM | 45.5 | 43.8 | 12:45 AM - 12:50 AM | 45.3 | 43.4 |
| 07:30 PM - 07:35 PM | 48.2 | 45.4 | 10:10 PM - 10:15 PM | 44.6 | 43.4 | 12:50 AM - 12:55 AM | 51.1 | 43.4 |
| 07:35 PM - 07:40 PM | 47.7 | 45.3 | 10:15 PM - 10:20 PM | 44.3 | 43.5 | 12:55 AM - 01:00 AM | 56.0 | 46.0 |
| 07:40 PM - 07:45 PM | 50.5 | 45.8 | 10:20 PM - 10:25 PM | 45.9 | 43.2 | 01:00 AM - 01:05 AM | 44.6 | 43.2 |
| 07:45 PM - 07:50 PM | 47.9 | 45.3 | 10:25 PM - 10:30 PM | 44.1 | 43.0 | 01:05 AM - 01:10 AM | 47.4 | 43.7 |
| 07:50 PM - 07:55 PM | 53.1 | 45.6 | 10:30 PM - 10:35 PM | 44.5 | 42.8 | 01:10 AM - 01:15 AM | 45.5 | 43.7 |
| 07:55 PM - 08:00 PM | 47.6 | 45.1 | 10:35 PM - 10:40 PM | 44.5 | 43.0 | 01:15 AM - 01:20 AM | 44.5 | 43.4 |
| 08:00 PM - 08:05 PM | 54.2 | 45.2 | 10:40 PM - 10:45 PM | 44.1 | 43.1 | 01:20 AM - 01:25 AM | 44.4 | 43.3 |
| 08:05 PM - 08:10 PM | 51.9 | 44.9 | 10:45 PM - 10:50 PM | 45.4 | 42.5 | 01:25 AM - 01:30 AM | 45.6 | 42.8 |
| 08:10 PM - 08:15 PM | 48.3 | 44.5 | 10:50 PM - 10:55 PM | 44.1 | 42.8 | 01:30 AM - 01:35 AM | 45.6 | 43.0 |
| 08:15 PM - 08:20 PM | 48.6 | 44.4 | 10:55 PM - 11:00 PM | 45.3 | 42.8 | 01:35 AM - 01:40 AM | 44.0 | 42.6 |
| 08:20 PM - 08:25 PM | 45.9 | 44.4 | 11:00 PM - 11:05 PM | 46.0 | 42.9 | 01:40 AM - 01:45 AM | 44.5 | 42.5 |
| 08:25 PM - 08:30 PM | 46.0 | 44.5 | 11:05 PM - 11:10 PM | 43.7 | 42.9 | 01:45 AM - 01:50 AM | 42.5 | 41.9 |
| 08:30 PM - 08:35 PM | 47.5 | 44.7 | 11:10 PM - 11:15 PM | 44.7 | 43.1 | 01:50 AM - 01:55 AM | 43.0 | 42.4 |
| 08:35 PM - 08:40 PM | 47.8 | 45.0 | 11:15 PM - 11:20 PM | 44.4 | 42.3 | 01:55 AM - 02:00 AM | 43.5 | 42.7 |
| 08:40 PM - 08:45 PM | 46.6 | 44.4 | 11:20 PM - 11:25 PM | 44.2 | 42.0 | 02:00 AM - 02:05 AM | 43.6 | 42.6 |
| 08:45 PM - 08:50 PM | 44.6 | 43.8 | 11:25 PM - 11:30 PM | 45.2 | 43.0 | 02:05 AM - 02:10 AM | 45.3 | 42.8 |
| 08:50 PM - 08:55 PM | 45.7 | 43.9 | 11:30 PM - 11:35 PM | 44.3 | 43.1 | 02:10 AM - 02:15 AM | 45.0 | 42.6 |
| 08:55 PM - 09:00 PM | 46.2 | 44.5 | 11:35 PM - 11:40 PM | 44.4 | 43.0 | 02:15 AM - 02:20 AM | 43.6 | 42.6 |
| 09:00 PM - 09:05 PM | 46.2 | 44.6 | 11:40 PM - 11:45 PM | 43.7 | 43.0 | 02:20 AM - 02:25 AM | 43.5 | 42.5 |
| 09:05 PM - 09:10 PM | 45.6 | 44.5 | 11:45 PM - 11:50 PM | 43.5 | 42.6 | 02:25 AM - 02:30 AM | 43.5 | 42.4 |
| 09:10 PM - 09:15 PM | 46.4 | 44.5 | 11:50 PM - 11:55 PM | 44.6 | 42.4 | 02:30 AM - 02:35 AM | 43.2 | 42.5 |
| 09:15 PM - 09:20 PM | 46.4 | 44.5 | 11:55 PM - 12:00 AM | 44.8 | 43.3 | 02:35 AM - 02:40 AM | 43.8 | 42.7 |
| 09:20 PM - 09:25 PM | 44.2 | 42.9 | 12:00 AM - 12:05 AM | 43.9 | 43.1 | 02:40 AM - 02:45 AM | 45.0 | 43.4 |
| 09:25 PM - 09:30 PM | 44.3 | 43.3 | 12:05 AM - 12:10 AM | 45.0 | 43.5 | 02:45 AM - 02:50 AM | 43.7 | 42.7 |
| 09:30 PM - 09:35 PM | 50.8 | 43.9 | 12:10 AM - 12:15 AM | 45.3 | 43.4 | 02:50 AM - 02:55 AM | 43.7 | 42.4 |
| 09:35 PM - 09:40 PM | 48.0 | 43.4 | 12:15 AM - 12:20 AM | 45.0 | 43.5 | 02:55 AM - 03:00 AM | 43.8 | 42.6 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854750-1



**Sample Number** 23128868-14
**Parameter** Noise Level (Leq 5 min)
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120936

| Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 03:00 AM - 03:05 AM | 43.4 | 42.5 | 05:40 AM - 05:45 AM | 56.1 | 45.2 | 08:20 AM - 08:25 AM | 50.1 | 44.9 |
| 03:05 AM - 03:10 AM | 43.2 | 42.3 | 05:45 AM - 05:50 AM | 54.6 | 45.1 | 08:25 AM - 08:30 AM | 50.7 | 47.1 |
| 03:10 AM - 03:15 AM | 45.2 | 42.9 | 05:50 AM - 05:55 AM | 56.2 | 45.5 | 08:30 AM - 08:35 AM | 55.6 | 47.7 |
| 03:15 AM - 03:20 AM | 43.9 | 43.0 | 05:55 AM - 06:00 AM | 55.7 | 46.1 | 08:35 AM - 08:40 AM | 53.8 | 45.3 |
| 03:20 AM - 03:25 AM | 45.6 | 43.1 | 06:00 AM - 06:05 AM | 57.5 | 47.3 | 08:40 AM - 08:45 AM | 52.2 | 48.9 |
| 03:25 AM - 03:30 AM | 44.5 | 43.2 | 06:05 AM - 06:10 AM | 58.9 | 46.4 | 08:45 AM - 08:50 AM | 49.8 | 44.4 |
| 03:30 AM - 03:35 AM | 43.6 | 43.2 | 06:10 AM - 06:15 AM | 57.6 | 46.8 | 08:50 AM - 08:55 AM | 66.6 | 45.1 |
| 03:35 AM - 03:40 AM | 44.2 | 43.6 | 06:15 AM - 06:20 AM | 57.0 | 46.4 | 08:55 AM - 09:00 AM | 69.1 | 47.6 |
| 03:40 AM - 03:45 AM | 45.1 | 43.5 | 06:20 AM - 06:25 AM | 52.3 | 45.3 | 09:00 AM - 09:05 AM | 55.7 | 46.5 |
| 03:45 AM - 03:50 AM | 47.0 | 43.3 | 06:25 AM - 06:30 AM | 54.2 | 46.3 | 09:05 AM - 09:10 AM | 51.9 | 45.1 |
| 03:50 AM - 03:55 AM | 43.5 | 42.6 | 06:30 AM - 06:35 AM | 53.0 | 45.6 | 09:10 AM - 09:15 AM | 54.0 | 45.0 |
| 03:55 AM - 04:00 AM | 43.2 | 42.5 | 06:35 AM - 06:40 AM | 59.0 | 45.1 | 09:15 AM - 09:20 AM | 49.4 | 46.0 |
| 04:00 AM - 04:05 AM | 43.6 | 42.4 | 06:40 AM - 06:45 AM | 54.2 | 44.7 | 09:20 AM - 09:25 AM | 51.5 | 46.8 |
| 04:05 AM - 04:10 AM | 53.9 | 43.0 | 06:45 AM - 06:50 AM | 50.4 | 44.2 | 09:25 AM - 09:30 AM | 48.7 | 43.9 |
| 04:10 AM - 04:15 AM | 43.3 | 42.6 | 06:50 AM - 06:55 AM | 52.7 | 44.2 | 09:30 AM - 09:35 AM | 54.3 | 44.3 |
| 04:15 AM - 04:20 AM | 44.2 | 42.9 | 06:55 AM - 07:00 AM | 50.5 | 45.0 | 09:35 AM - 09:40 AM | 50.2 | 45.6 |
| 04:20 AM - 04:25 AM | 45.5 | 43.2 | 07:00 AM - 07:05 AM | 53.2 | 44.4 | 09:40 AM - 09:45 AM | 53.0 | 45.2 |
| 04:25 AM - 04:30 AM | 45.3 | 43.4 | 07:05 AM - 07:10 AM | 53.5 | 45.9 | 09:45 AM - 09:50 AM | 51.3 | 46.8 |
| 04:30 AM - 04:35 AM | 46.5 | 43.7 | 07:10 AM - 07:15 AM | 58.2 | 44.7 | 09:50 AM - 09:55 AM | 51.8 | 45.9 |
| 04:35 AM - 04:40 AM | 54.1 | 43.8 | 07:15 AM - 07:20 AM | 52.6 | 45.5 | 09:55 AM - 10:00 AM | 51.6 | 46.6 |
| 04:40 AM - 04:45 AM | 46.5 | 43.8 | 07:20 AM - 07:25 AM | 51.6 | 44.3 | 10:00 AM - 10:05 AM | 52.0 | 47.4 |
| 04:45 AM - 04:50 AM | 50.6 | 43.6 | 07:25 AM - 07:30 AM | 52.2 | 41.5 | 10:05 AM - 10:10 AM | 55.2 | 45.1 |
| 04:50 AM - 04:55 AM | 51.4 | 44.1 | 07:30 AM - 07:35 AM | 51.0 | 44.7 | 10:10 AM - 10:15 AM | 54.3 | 46.7 |
| 04:55 AM - 05:00 AM | 52.9 | 44.3 | 07:35 AM - 07:40 AM | 48.8 | 42.9 | 10:15 AM - 10:20 AM | 56.9 | 43.0 |
| 05:00 AM - 05:05 AM | 47.2 | 43.9 | 07:40 AM - 07:45 AM | 46.6 | 42.8 | 10:20 AM - 10:25 AM | 50.3 | 45.3 |
| 05:05 AM - 05:10 AM | 53.8 | 44.2 | 07:45 AM - 07:50 AM | 50.8 | 45.5 | 10:25 AM - 10:30 AM | 52.1 | 45.0 |
| 05:10 AM - 05:15 AM | 54.0 | 45.2 | 07:50 AM - 07:55 AM | 52.2 | 47.4 | 10:30 AM - 10:35 AM | 53.9 | 47.0 |
| 05:15 AM - 05:20 AM | 49.5 | 45.9 | 07:55 AM - 08:00 AM | 53.7 | 48.3 | 10:35 AM - 10:40 AM | 52.4 | 47.4 |
| 05:20 AM - 05:25 AM | 50.2 | 46.2 | 08:00 AM - 08:05 AM | 54.8 | 47.7 | 10:40 AM - 10:45 AM | 52.0 | 45.3 |
| 05:25 AM - 05:30 AM | 52.8 | 46.1 | 08:05 AM - 08:10 AM | 54.9 | 46.0 | 10:45 AM - 10:50 AM | 53.7 | 44.4 |
| 05:30 AM - 05:35 AM | 52.9 | 45.3 | 08:10 AM - 08:15 AM | 52.0 | 46.5 | 10:50 AM - 10:55 AM | 51.9 | 48.0 |
| 05:35 AM - 05:40 AM | 56.9 | 46.1 | 08:15 AM - 08:20 AM | 51.4 | 45.5 | 10:55 AM - 11:00 AM | 53.9 | 47.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854751-1



**Sample Number** 23128868-15
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 10:00 AM - 10:05 AM | 53.3 | 42.9 | 12:40 PM - 12:45 PM | 52.2 | 41.0 | 03:20 PM - 03:25 PM | 57.8 | 33.9 |
| 10:05 AM - 10:10 AM | 50.9 | 42.5 | 12:45 PM - 12:50 PM | 50.8 | 41.9 | 03:25 PM - 03:30 PM | 53.3 | 32.5 |
| 10:10 AM - 10:15 AM | 52.2 | 42.7 | 12:50 PM - 12:55 PM | 47.0 | 41.3 | 03:30 PM - 03:35 PM | 48.0 | 35.4 |
| 10:15 AM - 10:20 AM | 49.7 | 41.5 | 12:55 PM - 01:00 PM | 51.3 | 41.9 | 03:35 PM - 03:40 PM | 56.0 | 35.3 |
| 10:20 AM - 10:25 AM | 51.6 | 44.2 | 01:00 PM - 01:05 PM | 58.3 | 34.0 | 03:40 PM - 03:45 PM | 56.9 | 34.4 |
| 10:25 AM - 10:30 AM | 57.5 | 42.1 | 01:05 PM - 01:10 PM | 50.8 | 29.6 | 03:45 PM - 03:50 PM | 53.8 | 35.2 |
| 10:30 AM - 10:35 AM | 59.0 | 44.7 | 01:10 PM - 01:15 PM | 49.5 | 33.8 | 03:50 PM - 03:55 PM | 52.2 | 36.1 |
| 10:35 AM - 10:40 AM | 51.5 | 40.8 | 01:15 PM - 01:20 PM | 55.1 | 36.7 | 03:55 PM - 04:00 PM | 56.9 | 34.3 |
| 10:40 AM - 10:45 AM | 45.0 | 43.5 | 01:20 PM - 01:25 PM | 55.8 | 33.5 | 04:00 PM - 04:05 PM | 51.3 | 35.1 |
| 10:45 AM - 10:50 AM | 58.8 | 44.3 | 01:25 PM - 01:30 PM | 55.2 | 32.7 | 04:05 PM - 04:10 PM | 54.2 | 33.7 |
| 10:50 AM - 10:55 AM | 51.9 | 43.6 | 01:30 PM - 01:35 PM | 52.4 | 35.2 | 04:10 PM - 04:15 PM | 56.0 | 38.1 |
| 10:55 AM - 11:00 AM | 60.5 | 45.0 | 01:35 PM - 01:40 PM | 52.0 | 35.3 | 04:15 PM - 04:20 PM | 61.9 | 37.2 |
| 11:00 AM - 11:05 AM | 49.5 | 42.6 | 01:40 PM - 01:45 PM | 50.8 | 33.9 | 04:20 PM - 04:25 PM | 55.6 | 35.6 |
| 11:05 AM - 11:10 AM | 51.4 | 42.5 | 01:45 PM - 01:50 PM | 53.9 | 34.7 | 04:25 PM - 04:30 PM | 53.5 | 33.3 |
| 11:10 AM - 11:15 AM | 52.7 | 42.3 | 01:50 PM - 01:55 PM | 47.6 | 31.4 | 04:30 PM - 04:35 PM | 56.0 | 35.6 |
| 11:15 AM - 11:20 AM | 55.3 | 43.0 | 01:55 PM - 02:00 PM | 56.6 | 36.8 | 04:35 PM - 04:40 PM | 59.4 | 41.9 |
| 11:20 AM - 11:25 AM | 53.8 | 42.9 | 02:00 PM - 02:05 PM | 52.0 | 36.7 | 04:40 PM - 04:45 PM | 52.0 | 35.6 |
| 11:25 AM - 11:30 AM | 50.2 | 41.7 | 02:05 PM - 02:10 PM | 48.9 | 36.9 | 04:45 PM - 04:50 PM | 59.1 | 35.8 |
| 11:30 AM - 11:35 AM | 56.0 | 42.4 | 02:10 PM - 02:15 PM | 49.4 | 30.8 | 04:50 PM - 04:55 PM | 56.0 | 33.8 |
| 11:35 AM - 11:40 AM | 53.0 | 42.2 | 02:15 PM - 02:20 PM | 56.1 | 33.5 | 04:55 PM - 05:00 PM | 54.0 | 36.0 |
| 11:40 AM - 11:45 AM | 48.2 | 42.2 | 02:20 PM - 02:25 PM | 56.1 | 32.2 | 05:00 PM - 05:05 PM | 49.6 | 35.8 |
| 11:45 AM - 11:50 AM | 52.1 | 42.3 | 02:25 PM - 02:30 PM | 40.9 | 33.7 | 05:05 PM - 05:10 PM | 53.0 | 38.6 |
| 11:50 AM - 11:55 AM | 57.9 | 43.5 | 02:30 PM - 02:35 PM | 60.2 | 35.2 | 05:10 PM - 05:15 PM | 54.5 | 38.8 |
| 11:55 AM - 12:00 PM | 51.4 | 42.9 | 02:35 PM - 02:40 PM | 57.6 | 34.8 | 05:15 PM - 05:20 PM | 58.2 | 38.1 |
| 12:00 PM - 12:05 PM | 47.5 | 41.6 | 02:40 PM - 02:45 PM | 52.1 | 33.6 | 05:20 PM - 05:25 PM | 60.4 | 39.0 |
| 12:05 PM - 12:10 PM | 51.1 | 42.3 | 02:45 PM - 02:50 PM | 57.1 | 34.4 | 05:25 PM - 05:30 PM | 48.3 | 35.7 |
| 12:10 PM - 12:15 PM | 50.5 | 42.4 | 02:50 PM - 02:55 PM | 55.7 | 36.7 | 05:30 PM - 05:35 PM | 56.4 | 39.4 |
| 12:15 PM - 12:20 PM | 51.2 | 42.1 | 02:55 PM - 03:00 PM | 45.0 | 34.3 | 05:35 PM - 05:40 PM | 55.4 | 39.6 |
| 12:20 PM - 12:25 PM | 54.7 | 42.2 | 03:00 PM - 03:05 PM | 55.9 | 32.8 | 05:40 PM - 05:45 PM | 60.1 | 42.0 |
| 12:25 PM - 12:30 PM | 55.5 | 41.5 | 03:05 PM - 03:10 PM | 54.4 | 32.1 | 05:45 PM - 05:50 PM | 57.3 | 39.3 |
| 12:30 PM - 12:35 PM | 47.1 | 41.8 | 03:10 PM - 03:15 PM | 55.2 | 31.1 | 05:50 PM - 05:55 PM | 57.8 | 38.3 |
| 12:35 PM - 12:40 PM | 50.6 | 42.5 | 03:15 PM - 03:20 PM | 48.4 | 32.6 | 05:55 PM - 06:00 PM | 53.0 | 38.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854751-1



**Sample Number** 23128868-15
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23 - Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 06:00 PM - 06:05 PM | 55.6 | 39.6 | 08:40 PM - 08:45 PM | 53.0 | 41.7 | 11:20 PM - 11:25 PM | 44.1 | 40.1 |
| 06:05 PM - 06:10 PM | 54.0 | 42.2 | 08:45 PM - 08:50 PM | 58.2 | 45.5 | 11:25 PM - 11:30 PM | 51.3 | 39.5 |
| 06:10 PM - 06:15 PM | 55.2 | 44.7 | 08:50 PM - 08:55 PM | 54.3 | 40.0 | 11:30 PM - 11:35 PM | 53.4 | 40.3 |
| 06:15 PM - 06:20 PM | 57.5 | 49.7 | 08:55 PM - 09:00 PM | 54.8 | 46.4 | 11:35 PM - 11:40 PM | 55.1 | 39.7 |
| 06:20 PM - 06:25 PM | 60.3 | 50.3 | 09:00 PM - 09:05 PM | 56.8 | 48.0 | 11:40 PM - 11:45 PM | 51.5 | 38.9 |
| 06:25 PM - 06:30 PM | 55.2 | 48.8 | 09:05 PM - 09:10 PM | 55.2 | 41.5 | 11:45 PM - 11:50 PM | 51.4 | 37.8 |
| 06:30 PM - 06:35 PM | 57.2 | 50.2 | 09:10 PM - 09:15 PM | 60.2 | 39.3 | 11:50 PM - 11:55 PM | 51.3 | 36.6 |
| 06:35 PM - 06:40 PM | 52.7 | 49.0 | 09:15 PM - 09:20 PM | 55.0 | 40.6 | 11:55 PM - 12:00 AM | 51.6 | 37.1 |
| 06:40 PM - 06:45 PM | 55.8 | 49.2 | 09:20 PM - 09:25 PM | 55.5 | 39.2 | 12:00 AM - 12:05 AM | 55.0 | 37.7 |
| 06:45 PM - 06:50 PM | 54.3 | 48.8 | 09:25 PM - 09:30 PM | 56.1 | 44.2 | 12:05 AM - 12:10 AM | 52.5 | 36.5 |
| 06:50 PM - 06:55 PM | 55.9 | 48.2 | 09:30 PM - 09:35 PM | 56.3 | 52.5 | 12:10 AM - 12:15 AM | 51.7 | 36.9 |
| 06:55 PM - 07:00 PM | 57.8 | 49.0 | 09:35 PM - 09:40 PM | 55.2 | 39.0 | 12:15 AM - 12:20 AM | 55.2 | 37.7 |
| 07:00 PM - 07:05 PM | 54.8 | 49.5 | 09:40 PM - 09:45 PM | 56.3 | 51.4 | 12:20 AM - 12:25 AM | 54.5 | 36.5 |
| 07:05 PM - 07:10 PM | 56.2 | 49.0 | 09:45 PM - 09:50 PM | 56.4 | 49.6 | 12:25 AM - 12:30 AM | 55.7 | 36.7 |
| 07:10 PM - 07:15 PM | 51.9 | 48.6 | 09:50 PM - 09:55 PM | 56.5 | 43.3 | 12:30 AM - 12:35 AM | 51.5 | 36.4 |
| 07:15 PM - 07:20 PM | 54.2 | 46.8 | 09:55 PM - 10:00 PM | 57.1 | 48.2 | 12:35 AM - 12:40 AM | 50.5 | 37.0 |
| 07:20 PM - 07:25 PM | 54.2 | 41.6 | 10:00 PM - 10:05 PM | 56.6 | 51.7 | 12:40 AM - 12:45 AM | 49.1 | 37.7 |
| 07:25 PM - 07:30 PM | 53.0 | 42.3 | 10:05 PM - 10:10 PM | 56.9 | 53.2 | 12:45 AM - 12:50 AM | 49.5 | 38.4 |
| 07:30 PM - 07:35 PM | 60.0 | 43.9 | 10:10 PM - 10:15 PM | 57.6 | 43.9 | 12:50 AM - 12:55 AM | 44.3 | 38.1 |
| 07:35 PM - 07:40 PM | 56.6 | 52.5 | 10:15 PM - 10:20 PM | 56.3 | 41.8 | 12:55 AM - 01:00 AM | 46.0 | 38.7 |
| 07:40 PM - 07:45 PM | 57.8 | 51.0 | 10:20 PM - 10:25 PM | 55.9 | 41.3 | 01:00 AM - 01:05 AM | 51.6 | 38.8 |
| 07:45 PM - 07:50 PM | 57.0 | 50.9 | 10:25 PM - 10:30 PM | 56.2 | 42.3 | 01:05 AM - 01:10 AM | 52.7 | 39.6 |
| 07:50 PM - 07:55 PM | 53.6 | 39.9 | 10:30 PM - 10:35 PM | 55.9 | 40.5 | 01:10 AM - 01:15 AM | 51.5 | 37.2 |
| 07:55 PM - 08:00 PM | 52.4 | 38.5 | 10:35 PM - 10:40 PM | 55.3 | 40.7 | 01:15 AM - 01:20 AM | 52.6 | 36.5 |
| 08:00 PM - 08:05 PM | 47.2 | 38.7 | 10:40 PM - 10:45 PM | 55.7 | 41.3 | 01:20 AM - 01:25 AM | 49.9 | 37.3 |
| 08:05 PM - 08:10 PM | 52.0 | 40.1 | 10:45 PM - 10:50 PM | 56.2 | 42.3 | 01:25 AM - 01:30 AM | 47.5 | 37.8 |
| 08:10 PM - 08:15 PM | 54.3 | 43.2 | 10:50 PM - 10:55 PM | 56.3 | 40.8 | 01:30 AM - 01:35 AM | 44.7 | 36.6 |
| 08:15 PM - 08:20 PM | 56.9 | 45.9 | 10:55 PM - 11:00 PM | 53.6 | 40.6 | 01:35 AM - 01:40 AM | 38.7 | 35.6 |
| 08:20 PM - 08:25 PM | 54.2 | 40.8 | 11:00 PM - 11:05 PM | 55.5 | 43.1 | 01:40 AM - 01:45 AM | 40.7 | 34.8 |
| 08:25 PM - 08:30 PM | 52.3 | 41.4 | 11:05 PM - 11:10 PM | 54.5 | 42.3 | 01:45 AM - 01:50 AM | 43.1 | 35.6 |
| 08:30 PM - 08:35 PM | 52.0 | 41.8 | 11:10 PM - 11:15 PM | 53.8 | 41.8 | 01:50 AM - 01:55 AM | 38.9 | 35.6 |
| 08:35 PM - 08:40 PM | 53.3 | 43.3 | 11:15 PM - 11:20 PM | 42.5 | 41.4 | 01:55 AM - 02:00 AM | 38.9 | 37.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854751-1



**Sample Number** 23128868-15
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 02:00 AM - 02:05 AM | 40.2 | 37.5 | 04:40 AM - 04:45 AM | 46.3 | 38.4 | 07:20 AM - 07:25 AM | 60.2 | 41.6 |
| 02:05 AM - 02:10 AM | 50.3 | 39.2 | 04:45 AM - 04:50 AM | 44.8 | 39.3 | 07:25 AM - 07:30 AM | 57.4 | 40.2 |
| 02:10 AM - 02:15 AM | 58.2 | 39.4 | 04:50 AM - 04:55 AM | 46.5 | 39.2 | 07:30 AM - 07:35 AM | 53.6 | 40.6 |
| 02:15 AM - 02:20 AM | 46.8 | 39.4 | 04:55 AM - 05:00 AM | 43.8 | 38.4 | 07:35 AM - 07:40 AM | 60.1 | 42.6 |
| 02:20 AM - 02:25 AM | 40.4 | 38.7 | 05:00 AM - 05:05 AM | 45.7 | 38.3 | 07:40 AM - 07:45 AM | 60.0 | 43.6 |
| 02:25 AM - 02:30 AM | 43.8 | 38.5 | 05:05 AM - 05:10 AM | 51.6 | 38.6 | 07:45 AM - 07:50 AM | 54.9 | 42.6 |
| 02:30 AM - 02:35 AM | 41.7 | 38.3 | 05:10 AM - 05:15 AM | 50.0 | 37.6 | 07:50 AM - 07:55 AM | 59.7 | 43.2 |
| 02:35 AM - 02:40 AM | 40.5 | 37.7 | 05:15 AM - 05:20 AM | 65.1 | 40.6 | 07:55 AM - 08:00 AM | 62.3 | 42.9 |
| 02:40 AM - 02:45 AM | 55.0 | 35.9 | 05:20 AM - 05:25 AM | 53.8 | 39.1 | 08:00 AM - 08:05 AM | 50.0 | 43.3 |
| 02:45 AM - 02:50 AM | 62.2 | 38.9 | 05:25 AM - 05:30 AM | 47.0 | 39.0 | 08:05 AM - 08:10 AM | 48.9 | 36.8 |
| 02:50 AM - 02:55 AM | 57.6 | 36.6 | 05:30 AM - 05:35 AM | 47.0 | 38.9 | 08:10 AM - 08:15 AM | 49.7 | 35.7 |
| 02:55 AM - 03:00 AM | 39.7 | 36.2 | 05:35 AM - 05:40 AM | 50.2 | 39.8 | 08:15 AM - 08:20 AM | 49.7 | 37.2 |
| 03:00 AM - 03:05 AM | 38.9 | 35.0 | 05:40 AM - 05:45 AM | 46.6 | 39.8 | 08:20 AM - 08:25 AM | 57.8 | 41.2 |
| 03:05 AM - 03:10 AM | 42.5 | 36.0 | 05:45 AM - 05:50 AM | 50.0 | 42.6 | 08:25 AM - 08:30 AM | 45.4 | 36.2 |
| 03:10 AM - 03:15 AM | 38.7 | 34.6 | 05:50 AM - 05:55 AM | 51.3 | 43.7 | 08:30 AM - 08:35 AM | 62.2 | 37.6 |
| 03:15 AM - 03:20 AM | 41.1 | 34.5 | 05:55 AM - 06:00 AM | 54.6 | 43.9 | 08:35 AM - 08:40 AM | 47.6 | 36.9 |
| 03:20 AM - 03:25 AM | 47.4 | 36.1 | 06:00 AM - 06:05 AM | 55.4 | 44.1 | 08:40 AM - 08:45 AM | 54.6 | 38.6 |
| 03:25 AM - 03:30 AM | 47.3 | 34.7 | 06:05 AM - 06:10 AM | 54.5 | 44.1 | 08:45 AM - 08:50 AM | 62.7 | 39.8 |
| 03:30 AM - 03:35 AM | 44.3 | 33.5 | 06:10 AM - 06:15 AM | 53.3 | 43.2 | 08:50 AM - 08:55 AM | 56.1 | 37.3 |
| 03:35 AM - 03:40 AM | 38.2 | 34.7 | 06:15 AM - 06:20 AM | 54.8 | 42.6 | 08:55 AM - 09:00 AM | 50.9 | 39.9 |
| 03:40 AM - 03:45 AM | 40.3 | 36.9 | 06:20 AM - 06:25 AM | 51.5 | 41.0 | 09:00 AM - 09:05 AM | 52.2 | 37.9 |
| 03:45 AM - 03:50 AM | 45.0 | 37.8 | 06:25 AM - 06:30 AM | 57.4 | 42.8 | 09:05 AM - 09:10 AM | 51.1 | 38.7 |
| 03:50 AM - 03:55 AM | 45.5 | 38.5 | 06:30 AM - 06:35 AM | 55.4 | 42.1 | 09:10 AM - 09:15 AM | 51.2 | 37.9 |
| 03:55 AM - 04:00 AM | 48.3 | 39.0 | 06:35 AM - 06:40 AM | 54.6 | 40.3 | 09:15 AM - 09:20 AM | 54.1 | 39.7 |
| 04:00 AM - 04:05 AM | 45.3 | 36.5 | 06:40 AM - 06:45 AM | 54.5 | 40.1 | 09:20 AM - 09:25 AM | 50.2 | 37.3 |
| 04:05 AM - 04:10 AM | 44.9 | 36.1 | 06:45 AM - 06:50 AM | 53.4 | 39.6 | 09:25 AM - 09:30 AM | 54.6 | 40.9 |
| 04:10 AM - 04:15 AM | 41.1 | 37.0 | 06:50 AM - 06:55 AM | 54.7 | 40.4 | 09:30 AM - 09:35 AM | 48.2 | 36.1 |
| 04:15 AM - 04:20 AM | 47.7 | 37.1 | 06:55 AM - 07:00 AM | 62.1 | 41.4 | 09:35 AM - 09:40 AM | 49.4 | 37.9 |
| 04:20 AM - 04:25 AM | 43.0 | 37.1 | 07:00 AM - 07:05 AM | 65.9 | 44.1 | 09:40 AM - 09:45 AM | 54.0 | 39.4 |
| 04:25 AM - 04:30 AM | 46.0 | 38.3 | 07:05 AM - 07:10 AM | 54.8 | 39.8 | 09:45 AM - 09:50 AM | 54.7 | 37.3 |
| 04:30 AM - 04:35 AM | 43.5 | 37.7 | 07:10 AM - 07:15 AM | 53.8 | 40.7 | 09:50 AM - 09:55 AM | 51.6 | 37.1 |
| 04:35 AM - 04:40 AM | 44.8 | 38.1 | 07:15 AM - 07:20 AM | 56.1 | 43.1 | 09:55 AM - 10:00 AM | 49.7 | 37.2 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854752-1



**Sample Number** 23128868-16
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 10:00 AM - 10:05 AM | 55.7 | 33.2 | 12:40 PM - 12:45 PM | 53.6 | 43.1 | 03:20 PM - 03:25 PM | 52.8 | 43.5 |
| 10:05 AM - 10:10 AM | 50.6 | 35.5 | 12:45 PM - 12:50 PM | 52.6 | 44.1 | 03:25 PM - 03:30 PM | 55.5 | 44.2 |
| 10:10 AM - 10:15 AM | 50.0 | 37.8 | 12:50 PM - 12:55 PM | 53.1 | 43.7 | 03:30 PM - 03:35 PM | 49.2 | 44.3 |
| 10:15 AM - 10:20 AM | 48.7 | 37.7 | 12:55 PM - 01:00 PM | 55.5 | 43.8 | 03:35 PM - 03:40 PM | 50.6 | 43.7 |
| 10:20 AM - 10:25 AM | 52.8 | 39.5 | 01:00 PM - 01:05 PM | 54.1 | 44.2 | 03:40 PM - 03:45 PM | 52.2 | 44.5 |
| 10:25 AM - 10:30 AM | 52.8 | 37.2 | 01:05 PM - 01:10 PM | 51.9 | 43.7 | 03:45 PM - 03:50 PM | 52.0 | 44.8 |
| 10:30 AM - 10:35 AM | 56.0 | 36.4 | 01:10 PM - 01:15 PM | 53.3 | 42.9 | 03:50 PM - 03:55 PM | 51.6 | 45.0 |
| 10:35 AM - 10:40 AM | 53.2 | 35.7 | 01:15 PM - 01:20 PM | 50.9 | 42.5 | 03:55 PM - 04:00 PM | 52.5 | 43.3 |
| 10:40 AM - 10:45 AM | 52.0 | 36.8 | 01:20 PM - 01:25 PM | 52.2 | 42.7 | 04:00 PM - 04:05 PM | 52.6 | 43.7 |
| 10:45 AM - 10:50 AM | 45.7 | 35.8 | 01:25 PM - 01:30 PM | 49.7 | 41.5 | 04:05 PM - 04:10 PM | 59.5 | 43.8 |
| 10:50 AM - 10:55 AM | 50.6 | 35.3 | 01:30 PM - 01:35 PM | 51.6 | 44.2 | 04:10 PM - 04:15 PM | 56.0 | 41.7 |
| 10:55 AM - 11:00 AM | 44.2 | 35.9 | 01:35 PM - 01:40 PM | 57.5 | 42.1 | 04:15 PM - 04:20 PM | 53.4 | 44.3 |
| 11:00 AM - 11:05 AM | 49.1 | 36.4 | 01:40 PM - 01:45 PM | 59.0 | 44.7 | 04:20 PM - 04:25 PM | 54.1 | 42.8 |
| 11:05 AM - 11:10 AM | 60.5 | 39.0 | 01:45 PM - 01:50 PM | 51.5 | 40.8 | 04:25 PM - 04:30 PM | 49.1 | 42.6 |
| 11:10 AM - 11:15 AM | 53.7 | 37.3 | 01:50 PM - 01:55 PM | 45.0 | 43.5 | 04:30 PM - 04:35 PM | 52.2 | 43.5 |
| 11:15 AM - 11:20 AM | 55.3 | 37.2 | 01:55 PM - 02:00 PM | 58.8 | 44.3 | 04:35 PM - 04:40 PM | 56.1 | 44.6 |
| 11:20 AM - 11:25 AM | 54.7 | 36.4 | 02:00 PM - 02:05 PM | 54.4 | 44.1 | 04:40 PM - 04:45 PM | 52.2 | 44.4 |
| 11:25 AM - 11:30 AM | 56.9 | 39.7 | 02:05 PM - 02:10 PM | 50.9 | 44.8 | 04:45 PM - 04:50 PM | 53.0 | 44.6 |
| 11:30 AM - 11:35 AM | 55.1 | 35.7 | 02:10 PM - 02:15 PM | 53.2 | 41.8 | 04:50 PM - 04:55 PM | 51.3 | 43.6 |
| 11:35 AM - 11:40 AM | 51.2 | 35.4 | 02:15 PM - 02:20 PM | 51.3 | 42.7 | 04:55 PM - 05:00 PM | 51.8 | 44.6 |
| 11:40 AM - 11:45 AM | 48.4 | 35.1 | 02:20 PM - 02:25 PM | 53.7 | 43.2 | 05:00 PM - 05:05 PM | 54.7 | 44.1 |
| 11:45 AM - 11:50 AM | 55.1 | 35.1 | 02:25 PM - 02:30 PM | 51.6 | 41.4 | 05:05 PM - 05:10 PM | 54.1 | 45.2 |
| 11:50 AM - 11:55 AM | 53.3 | 33.7 | 02:30 PM - 02:35 PM | 49.5 | 44.2 | 05:10 PM - 05:15 PM | 55.7 | 45.4 |
| 11:55 AM - 12:00 PM | 48.1 | 36.1 | 02:35 PM - 02:40 PM | 50.2 | 43.0 | 05:15 PM - 05:20 PM | 53.2 | 45.7 |
| 12:00 PM - 12:05 PM | 59.8 | 39.0 | 02:40 PM - 02:45 PM | 49.8 | 44.6 | 05:20 PM - 05:25 PM | 56.1 | 46.3 |
| 12:05 PM - 12:10 PM | 50.6 | 42.2 | 02:45 PM - 02:50 PM | 50.8 | 42.3 | 05:25 PM - 05:30 PM | 55.4 | 45.9 |
| 12:10 PM - 12:15 PM | 57.5 | 43.4 | 02:50 PM - 02:55 PM | 59.5 | 43.6 | 05:30 PM - 05:35 PM | 58.2 | 45.6 |
| 12:15 PM - 12:20 PM | 49.7 | 42.1 | 02:55 PM - 03:00 PM | 50.7 | 43.6 | 05:35 PM - 05:40 PM | 52.1 | 45.1 |
| 12:20 PM - 12:25 PM | 54.8 | 44.0 | 03:00 PM - 03:05 PM | 52.7 | 44.7 | 05:40 PM - 05:45 PM | 53.4 | 43.9 |
| 12:25 PM - 12:30 PM | 51.4 | 42.7 | 03:05 PM - 03:10 PM | 50.8 | 45.3 | 05:45 PM - 05:50 PM | 58.2 | 46.2 |
| 12:30 PM - 12:35 PM | 55.8 | 41.7 | 03:10 PM - 03:15 PM | 49.5 | 43.3 | 05:50 PM - 05:55 PM | 52.7 | 44.5 |
| 12:35 PM - 12:40 PM | 55.0 | 44.2 | 03:15 PM - 03:20 PM | 52.6 | 44.6 | 05:55 PM - 06:00 PM | 56.1 | 44.2 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854752-1



**Sample Number** 23128868-16
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24 - Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 06:00 PM - 06:05 PM | 61.3 | 44.5 | 08:40 PM - 08:45 PM | 46.4 | 43.9 | 11:20 PM - 11:25 PM | 46.3 | 45.7 |
| 06:05 PM - 06:10 PM | 51.3 | 43.6 | 08:45 PM - 08:50 PM | 50.9 | 44.8 | 11:25 PM - 11:30 PM | 47.6 | 44.2 |
| 06:10 PM - 06:15 PM | 55.6 | 43.3 | 08:50 PM - 08:55 PM | 46.9 | 44.6 | 11:30 PM - 11:35 PM | 49.7 | 45.7 |
| 06:15 PM - 06:20 PM | 55.0 | 44.0 | 08:55 PM - 09:00 PM | 51.9 | 44.5 | 11:35 PM - 11:40 PM | 48.6 | 45.6 |
| 06:20 PM - 06:25 PM | 52.5 | 46.8 | 09:00 PM - 09:05 PM | 50.8 | 43.3 | 11:40 PM - 11:45 PM | 50.6 | 45.8 |
| 06:25 PM - 06:30 PM | 53.0 | 47.2 | 09:05 PM - 09:10 PM | 49.4 | 43.6 | 11:45 PM - 11:50 PM | 49.3 | 46.0 |
| 06:30 PM - 06:35 PM | 53.4 | 47.8 | 09:10 PM - 09:15 PM | 49.3 | 43.8 | 11:50 PM - 11:55 PM | 46.8 | 44.4 |
| 06:35 PM - 06:40 PM | 53.5 | 47.7 | 09:15 PM - 09:20 PM | 50.0 | 43.7 | 11:55 PM - 12:00 AM | 48.5 | 46.2 |
| 06:40 PM - 06:45 PM | 56.4 | 47.4 | 09:20 PM - 09:25 PM | 50.4 | 43.7 | 12:00 AM - 12:05 AM | 47.8 | 46.1 |
| 06:45 PM - 06:50 PM | 52.4 | 47.2 | 09:25 PM - 09:30 PM | 47.8 | 43.9 | 12:05 AM - 12:10 AM | 50.9 | 45.3 |
| 06:50 PM - 06:55 PM | 55.7 | 48.2 | 09:30 PM - 09:35 PM | 48.8 | 43.8 | 12:10 AM - 12:15 AM | 49.1 | 45.6 |
| 06:55 PM - 07:00 PM | 53.6 | 46.1 | 09:35 PM - 09:40 PM | 49.1 | 43.7 | 12:15 AM - 12:20 AM | 48.6 | 45.8 |
| 07:00 PM - 07:05 PM | 51.3 | 44.2 | 09:40 PM - 09:45 PM | 50.1 | 44.8 | 12:20 AM - 12:25 AM | 48.4 | 43.5 |
| 07:05 PM - 07:10 PM | 52.1 | 44.9 | 09:45 PM - 09:50 PM | 48.4 | 43.9 | 12:25 AM - 12:30 AM | 48.3 | 44.3 |
| 07:10 PM - 07:15 PM | 53.5 | 44.5 | 09:50 PM - 09:55 PM | 46.5 | 45.6 | 12:30 AM - 12:35 AM | 46.0 | 45.5 |
| 07:15 PM - 07:20 PM | 51.8 | 45.5 | 09:55 PM - 10:00 PM | 50.1 | 45.8 | 12:35 AM - 12:40 AM | 46.2 | 43.1 |
| 07:20 PM - 07:25 PM | 50.1 | 44.3 | 10:00 PM - 10:05 PM | 47.8 | 43.9 | 12:40 AM - 12:45 AM | 51.9 | 43.3 |
| 07:25 PM - 07:30 PM | 52.7 | 44.9 | 10:05 PM - 10:10 PM | 50.9 | 43.6 | 12:45 AM - 12:50 AM | 47.8 | 45.9 |
| 07:30 PM - 07:35 PM | 51.1 | 44.6 | 10:10 PM - 10:15 PM | 45.5 | 43.8 | 12:50 AM - 12:55 AM | 50.1 | 45.9 |
| 07:35 PM - 07:40 PM | 51.3 | 44.2 | 10:15 PM - 10:20 PM | 47.0 | 43.8 | 12:55 AM - 01:00 AM | 47.5 | 44.1 |
| 07:40 PM - 07:45 PM | 46.9 | 45.2 | 10:20 PM - 10:25 PM | 51.1 | 45.9 | 01:00 AM - 01:05 AM | 46.7 | 45.9 |
| 07:45 PM - 07:50 PM | 62.9 | 45.8 | 10:25 PM - 10:30 PM | 50.7 | 44.3 | 01:05 AM - 01:10 AM | 49.2 | 45.2 |
| 07:50 PM - 07:55 PM | 52.1 | 44.8 | 10:30 PM - 10:35 PM | 48.9 | 43.6 | 01:10 AM - 01:15 AM | 51.7 | 45.7 |
| 07:55 PM - 08:00 PM | 65.9 | 44.1 | 10:35 PM - 10:40 PM | 53.0 | 44.9 | 01:15 AM - 01:20 AM | 55.4 | 44.9 |
| 08:00 PM - 08:05 PM | 50.8 | 45.1 | 10:40 PM - 10:45 PM | 49.1 | 44.4 | 01:20 AM - 01:25 AM | 49.8 | 45.6 |
| 08:05 PM - 08:10 PM | 53.1 | 45.3 | 10:45 PM - 10:50 PM | 48.4 | 45.0 | 01:25 AM - 01:30 AM | 46.8 | 46.0 |
| 08:10 PM - 08:15 PM | 56.6 | 45.0 | 10:50 PM - 10:55 PM | 58.7 | 45.6 | 01:30 AM - 01:35 AM | 46.3 | 43.7 |
| 08:15 PM - 08:20 PM | 52.4 | 45.0 | 10:55 PM - 11:00 PM | 50.8 | 46.2 | 01:35 AM - 01:40 AM | 46.1 | 44.9 |
| 08:20 PM - 08:25 PM | 46.9 | 43.4 | 11:00 PM - 11:05 PM | 51.9 | 46.1 | 01:40 AM - 01:45 AM | 46.7 | 45.6 |
| 08:25 PM - 08:30 PM | 49.2 | 44.3 | 11:05 PM - 11:10 PM | 49.7 | 44.3 | 01:45 AM - 01:50 AM | 47.0 | 43.5 |
| 08:30 PM - 08:35 PM | 49.1 | 45.7 | 11:10 PM - 11:15 PM | 46.6 | 45.6 | 01:50 AM - 01:55 AM | 46.3 | 45.9 |
| 08:35 PM - 08:40 PM | 47.4 | 44.6 | 11:15 PM - 11:20 PM | 46.9 | 45.8 | 01:55 AM - 02:00 AM | 47.4 | 46.2 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854752-1



**Sample Number** 23128868-16
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 02:00 AM - 02:05 AM | 51.3 | 43.4 | 04:40 AM - 04:45 AM | 46.7 | 44.2 | 07:20 AM - 07:25 AM | 56.4 | 46.2 |
| 02:05 AM - 02:10 AM | 47.0 | 46.4 | 04:45 AM - 04:50 AM | 47.7 | 45.8 | 07:25 AM - 07:30 AM | 54.6 | 47.1 |
| 02:10 AM - 02:15 AM | 47.1 | 45.4 | 04:50 AM - 04:55 AM | 47.1 | 44.6 | 07:30 AM - 07:35 AM | 58.3 | 46.0 |
| 02:15 AM - 02:20 AM | 48.5 | 46.3 | 04:55 AM - 05:00 AM | 51.8 | 46.3 | 07:35 AM - 07:40 AM | 53.3 | 46.2 |
| 02:20 AM - 02:25 AM | 47.1 | 46.0 | 05:00 AM - 05:05 AM | 65.2 | 46.5 | 07:40 AM - 07:45 AM | 56.8 | 46.3 |
| 02:25 AM - 02:30 AM | 49.1 | 45.7 | 05:05 AM - 05:10 AM | 52.1 | 46.4 | 07:45 AM - 07:50 AM | 65.3 | 46.5 |
| 02:30 AM - 02:35 AM | 49.4 | 45.8 | 05:10 AM - 05:15 AM | 48.5 | 45.9 | 07:50 AM - 07:55 AM | 56.1 | 46.3 |
| 02:35 AM - 02:40 AM | 46.5 | 45.7 | 05:15 AM - 05:20 AM | 49.7 | 46.8 | 07:55 AM - 08:00 AM | 61.0 | 47.5 |
| 02:40 AM - 02:45 AM | 45.9 | 45.3 | 05:20 AM - 05:25 AM | 61.1 | 46.8 | 08:00 AM - 08:05 AM | 55.0 | 46.2 |
| 02:45 AM - 02:50 AM | 46.2 | 45.4 | 05:25 AM - 05:30 AM | 49.6 | 45.9 | 08:05 AM - 08:10 AM | 56.1 | 45.5 |
| 02:50 AM - 02:55 AM | 48.8 | 44.6 | 05:30 AM - 05:35 AM | 49.9 | 45.6 | 08:10 AM - 08:15 AM | 60.5 | 45.1 |
| 02:55 AM - 03:00 AM | 46.6 | 45.2 | 05:35 AM - 05:40 AM | 47.6 | 45.5 | 08:15 AM - 08:19 AM | 52.5 | 43.7 |
| 03:00 AM - 03:05 AM | 46.2 | 43.8 | 05:40 AM - 05:45 AM | 48.2 | 45.5 | 08:20 AM - 08:25 AM | 49.4 | 43.8 |
| 03:05 AM - 03:10 AM | 47.4 | 45.1 | 05:45 AM - 05:50 AM | 51.8 | 45.1 | 08:25 AM - 08:30 AM | 54.6 | 44.4 |
| 03:10 AM - 03:15 AM | 47.6 | 45.3 | 05:50 AM - 05:55 AM | 51.4 | 45.8 | 08:30 AM - 08:35 AM | 46.3 | 43.8 |
| 03:15 AM - 03:20 AM | 48.2 | 45.0 | 05:55 AM - 06:00 AM | 59.6 | 45.8 | 08:35 AM - 08:40 AM | 53.9 | 44.8 |
| 03:20 AM - 03:25 AM | 46.6 | 45.3 | 06:00 AM - 06:05 AM | 48.3 | 44.3 | 08:40 AM - 08:45 AM | 54.8 | 44.8 |
| 03:25 AM - 03:30 AM | 46.4 | 45.4 | 06:05 AM - 06:10 AM | 55.0 | 46.1 | 08:45 AM - 08:50 AM | 50.2 | 43.6 |
| 03:30 AM - 03:35 AM | 47.0 | 43.2 | 06:10 AM - 06:15 AM | 52.4 | 45.4 | 08:50 AM - 08:55 AM | 51.1 | 44.1 |
| 03:35 AM - 03:40 AM | 46.1 | 45.4 | 06:15 AM - 06:20 AM | 51.1 | 43.9 | 08:55 AM - 09:00 AM | 51.8 | 44.2 |
| 03:40 AM - 03:45 AM | 49.5 | 45.7 | 06:20 AM - 06:25 AM | 50.9 | 44.1 | 09:00 AM - 09:05 AM | 52.8 | 44.5 |
| 03:45 AM - 03:50 AM | 50.9 | 45.9 | 06:25 AM - 06:30 AM | 49.7 | 44.1 | 09:05 AM - 09:10 AM | 53.3 | 43.9 |
| 03:50 AM - 03:55 AM | 48.1 | 45.6 | 06:30 AM - 06:35 AM | 53.1 | 45.9 | 09:10 AM - 09:15 AM | 52.4 | 42.9 |
| 03:55 AM - 04:00 AM | 46.5 | 45.5 | 06:35 AM - 06:40 AM | 55.1 | 45.8 | 09:15 AM - 09:20 AM | 52.6 | 43.6 |
| 04:00 AM - 04:05 AM | 46.6 | 45.7 | 06:40 AM - 06:45 AM | 54.1 | 45.8 | 09:20 AM - 09:25 AM | 52.1 | 43.0 |
| 04:05 AM - 04:10 AM | 48.2 | 45.3 | 06:45 AM - 06:50 AM | 55.0 | 46.3 | 09:25 AM - 09:30 AM | 52.3 | 42.5 |
| 04:10 AM - 04:15 AM | 47.2 | 45.8 | 06:50 AM - 06:55 AM | 53.0 | 46.3 | 09:30 AM - 09:35 AM | 53.7 | 45.3 |
| 04:15 AM - 04:20 AM | 46.2 | 45.4 | 06:55 AM - 07:00 AM | 59.9 | 46.4 | 09:35 AM - 09:40 AM | 52.6 | 46.2 |
| 04:20 AM - 04:25 AM | 47.2 | 43.5 | 07:00 AM - 07:05 AM | 54.6 | 46.3 | 09:40 AM - 09:45 AM | 53.9 | 45.0 |
| 04:25 AM - 04:30 AM | 47.5 | 45.7 | 07:05 AM - 07:10 AM | 52.8 | 47.3 | 09:45 AM - 09:50 AM | 55.9 | 44.8 |
| 04:30 AM - 04:35 AM | 50.2 | 45.7 | 07:10 AM - 07:15 AM | 65.5 | 47.3 | 09:50 AM - 09:55 AM | 52.1 | 43.1 |
| 04:35 AM - 04:40 AM | 49.0 | 45.8 | 07:15 AM - 07:20 AM | 53.6 | 47.1 | 09:55 AM - 10:00 AM | 51.7 | 43.7 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854753-1



**Sample Number** 23128868-17
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 10:00 AM - 10:05 AM | 50.2 | 44.1 | 12:40 PM - 12:45 PM | 52.9 | 44.5 | 03:20 PM - 03:25 PM | 51.7 | 44.1 |
| 10:05 AM - 10:10 AM | 54.1 | 45.1 | 12:45 PM - 12:50 PM | 49.5 | 43.7 | 03:25 PM - 03:30 PM | 56.5 | 42.9 |
| 10:10 AM - 10:15 AM | 52.4 | 42.6 | 12:50 PM - 12:55 PM | 51.4 | 44.4 | 03:30 PM - 03:35 PM | 55.8 | 44.7 |
| 10:15 AM - 10:20 AM | 55.9 | 45.1 | 12:55 PM - 01:00 PM | 54.0 | 44.9 | 03:35 PM - 03:40 PM | 60.9 | 47.6 |
| 10:20 AM - 10:25 AM | 56.3 | 44.1 | 01:00 PM - 01:05 PM | 53.5 | 43.3 | 03:40 PM - 03:45 PM | 54.5 | 51.3 |
| 10:25 AM - 10:30 AM | 54.2 | 43.9 | 01:05 PM - 01:10 PM | 54.2 | 44.3 | 03:45 PM - 03:50 PM | 54.3 | 50.2 |
| 10:30 AM - 10:35 AM | 57.1 | 44.8 | 01:10 PM - 01:15 PM | 52.5 | 44.4 | 03:50 PM - 03:55 PM | 53.7 | 49.4 |
| 10:35 AM - 10:40 AM | 54.8 | 42.8 | 01:15 PM - 01:20 PM | 53.5 | 43.6 | 03:55 PM - 04:00 PM | 54.6 | 49.8 |
| 10:40 AM - 10:45 AM | 55.1 | 45.2 | 01:20 PM - 01:25 PM | 51.8 | 43.1 | 04:00 PM - 04:05 PM | 53.9 | 50.0 |
| 10:45 AM - 10:50 AM | 50.7 | 44.6 | 01:25 PM - 01:30 PM | 51.6 | 44.2 | 04:05 PM - 04:10 PM | 54.3 | 49.3 |
| 10:50 AM - 10:55 AM | 50.4 | 43.7 | 01:30 PM - 01:35 PM | 52.5 | 43.3 | 04:10 PM - 04:15 PM | 54.6 | 50.2 |
| 10:55 AM - 11:00 AM | 52.0 | 45.0 | 01:35 PM - 01:40 PM | 49.5 | 44.3 | 04:15 PM - 04:20 PM | 54.6 | 49.9 |
| 11:00 AM - 11:05 AM | 61.9 | 45.1 | 01:40 PM - 01:45 PM | 55.6 | 44.2 | 04:20 PM - 04:25 PM | 54.6 | 49.6 |
| 11:05 AM - 11:10 AM | 54.9 | 45.9 | 01:45 PM - 01:50 PM | 53.5 | 46.0 | 04:25 PM - 04:30 PM | 55.8 | 49.6 |
| 11:10 AM - 11:15 AM | 56.8 | 45.7 | 01:50 PM - 01:55 PM | 52.6 | 44.9 | 04:30 PM - 04:35 PM | 55.7 | 49.6 |
| 11:15 AM - 11:20 AM | 55.0 | 45.3 | 01:55 PM - 02:00 PM | 53.7 | 45.2 | 04:35 PM - 04:40 PM | 57.1 | 50.1 |
| 11:20 AM - 11:25 AM | 49.1 | 44.1 | 02:00 PM - 02:05 PM | 55.0 | 44.3 | 04:40 PM - 04:45 PM | 55.5 | 50.8 |
| 11:25 AM - 11:30 AM | 52.2 | 44.2 | 02:05 PM - 02:10 PM | 49.6 | 43.8 | 04:45 PM - 04:50 PM | 54.6 | 50.8 |
| 11:30 AM - 11:35 AM | 55.4 | 44.9 | 02:10 PM - 02:15 PM | 53.5 | 44.2 | 04:50 PM - 04:55 PM | 53.1 | 47.1 |
| 11:35 AM - 11:40 AM | 58.5 | 45.9 | 02:15 PM - 02:20 PM | 54.1 | 44.7 | 04:55 PM - 05:00 PM | 58.2 | 47.3 |
| 11:40 AM - 11:45 AM | 54.1 | 46.2 | 02:20 PM - 02:25 PM | 51.5 | 44.0 | 05:00 PM - 05:05 PM | 57.8 | 46.0 |
| 11:45 AM - 11:50 AM | 53.5 | 45.1 | 02:25 PM - 02:30 PM | 53.5 | 44.5 | 05:05 PM - 05:10 PM | 56.0 | 46.9 |
| 11:50 AM - 11:55 AM | 52.5 | 43.7 | 02:30 PM - 02:35 PM | 53.2 | 43.5 | 05:10 PM - 05:15 PM | 56.7 | 45.9 |
| 11:55 AM - 12:00 PM | 57.2 | 43.8 | 02:35 PM - 02:40 PM | 50.7 | 44.7 | 05:15 PM - 05:20 PM | 53.9 | 47.0 |
| 12:00 PM - 12:05 PM | 51.7 | 44.8 | 02:40 PM - 02:45 PM | 52.4 | 43.5 | 05:20 PM - 05:25 PM | 57.0 | 45.7 |
| 12:05 PM - 12:10 PM | 57.6 | 44.3 | 02:45 PM - 02:50 PM | 52.5 | 45.2 | 05:25 PM - 05:30 PM | 55.7 | 47.0 |
| 12:10 PM - 12:15 PM | 64.0 | 45.6 | 02:50 PM - 02:55 PM | 50.7 | 44.3 | 05:30 PM - 05:35 PM | 53.0 | 46.2 |
| 12:15 PM - 12:20 PM | 56.1 | 44.4 | 02:55 PM - 03:00 PM | 50.0 | 43.3 | 05:35 PM - 05:40 PM | 53.7 | 45.8 |
| 12:20 PM - 12:25 PM | 55.3 | 43.5 | 03:00 PM - 03:05 PM | 54.9 | 45.0 | 05:40 PM - 05:45 PM | 56.2 | 46.2 |
| 12:25 PM - 12:30 PM | 53.2 | 43.9 | 03:05 PM - 03:10 PM | 53.0 | 44.6 | 05:45 PM - 05:50 PM | 56.0 | 46.8 |
| 12:30 PM - 12:35 PM | 48.9 | 42.0 | 03:10 PM - 03:15 PM | 53.0 | 45.1 | 05:50 PM - 05:55 PM | 51.7 | 47.0 |
| 12:35 PM - 12:40 PM | 53.6 | 42.9 | 03:15 PM - 03:20 PM | 47.9 | 44.1 | 05:55 PM - 06:00 PM | 52.3 | 44.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854753-1



**Sample Number** 23128868-17
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25 - Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 06:00 PM - 06:05 PM | 51.8 | 46.4 | 08:40 PM - 08:45 PM | 49.9 | 47.0 | 11:20 PM - 11:25 PM | 48.9 | 45.8 |
| 06:05 PM - 06:10 PM | 52.4 | 45.6 | 08:45 PM - 08:50 PM | 51.3 | 46.5 | 11:25 PM - 11:30 PM | 49.7 | 46.2 |
| 06:10 PM - 06:15 PM | 54.8 | 46.4 | 08:50 PM - 08:55 PM | 51.1 | 46.1 | 11:30 PM - 11:35 PM | 50.2 | 46.3 |
| 06:15 PM - 06:20 PM | 59.6 | 51.3 | 08:55 PM - 09:00 PM | 49.9 | 46.7 | 11:35 PM - 11:40 PM | 51.1 | 46.5 |
| 06:20 PM - 06:25 PM | 54.9 | 51.7 | 09:00 PM - 09:05 PM | 51.2 | 46.1 | 11:40 PM - 11:45 PM | 48.6 | 45.8 |
| 06:25 PM - 06:30 PM | 57.8 | 51.6 | 09:05 PM - 09:10 PM | 49.7 | 45.8 | 11:45 PM - 11:50 PM | 47.3 | 45.4 |
| 06:30 PM - 06:35 PM | 53.7 | 51.6 | 09:10 PM - 09:15 PM | 51.3 | 46.4 | 11:50 PM - 11:55 PM | 50.0 | 45.0 |
| 06:35 PM - 06:40 PM | 55.5 | 51.6 | 09:15 PM - 09:20 PM | 48.1 | 44.5 | 11:55 PM - 12:00 AM | 48.0 | 46.7 |
| 06:40 PM - 06:45 PM | 54.7 | 50.1 | 09:20 PM - 09:25 PM | 52.5 | 45.7 | 12:00 AM - 12:05 AM | 50.1 | 45.5 |
| 06:45 PM - 06:50 PM | 55.0 | 49.0 | 09:25 PM - 09:30 PM | 52.9 | 45.9 | 12:05 AM - 12:10 AM | 50.1 | 45.7 |
| 06:50 PM - 06:55 PM | 54.6 | 49.3 | 09:30 PM - 09:35 PM | 51.0 | 46.4 | 12:10 AM - 12:15 AM | 50.4 | 45.7 |
| 06:55 PM - 07:00 PM | 53.0 | 49.9 | 09:35 PM - 09:40 PM | 50.8 | 47.2 | 12:15 AM - 12:20 AM | 48.1 | 45.2 |
| 07:00 PM - 07:05 PM | 50.7 | 46.2 | 09:40 PM - 09:45 PM | 51.3 | 46.2 | 12:20 AM - 12:25 AM | 49.6 | 45.8 |
| 07:05 PM - 07:10 PM | 51.2 | 46.9 | 09:45 PM - 09:50 PM | 48.8 | 46.9 | 12:25 AM - 12:30 AM | 48.9 | 45.8 |
| 07:10 PM - 07:15 PM | 52.7 | 47.1 | 09:50 PM - 09:55 PM | 49.4 | 45.1 | 12:30 AM - 12:35 AM | 49.7 | 45.0 |
| 07:15 PM - 07:20 PM | 55.3 | 47.4 | 09:55 PM - 10:00 PM | 50.0 | 46.5 | 12:35 AM - 12:40 AM | 48.7 | 46.4 |
| 07:20 PM - 07:25 PM | 54.4 | 48.3 | 10:00 PM - 10:05 PM | 55.1 | 46.9 | 12:40 AM - 12:45 AM | 51.5 | 45.4 |
| 07:25 PM - 07:30 PM | 52.5 | 46.9 | 10:05 PM - 10:10 PM | 47.0 | 43.8 | 12:45 AM - 12:50 AM | 49.9 | 46.7 |
| 07:30 PM - 07:35 PM | 58.3 | 47.4 | 10:10 PM - 10:15 PM | 48.0 | 45.6 | 12:50 AM - 12:55 AM | 53.3 | 47.7 |
| 07:35 PM - 07:40 PM | 61.0 | 47.5 | 10:15 PM - 10:20 PM | 53.2 | 43.7 | 12:55 AM - 01:00 AM | 50.4 | 45.5 |
| 07:40 PM - 07:45 PM | 55.9 | 47.4 | 10:20 PM - 10:25 PM | 48.9 | 47.1 | 01:00 AM - 01:05 AM | 49.6 | 48.5 |
| 07:45 PM - 07:50 PM | 52.3 | 46.0 | 10:25 PM - 10:30 PM | 48.9 | 47.9 | 01:05 AM - 01:10 AM | 50.9 | 45.5 |
| 07:50 PM - 07:55 PM | 50.9 | 44.9 | 10:30 PM - 10:35 PM | 49.2 | 45.8 | 01:10 AM - 01:15 AM | 52.4 | 45.8 |
| 07:55 PM - 08:00 PM | 51.5 | 47.2 | 10:35 PM - 10:40 PM | 53.0 | 46.7 | 01:15 AM - 01:20 AM | 50.7 | 47.9 |
| 08:00 PM - 08:05 PM | 52.3 | 44.6 | 10:40 PM - 10:45 PM | 47.3 | 43.5 | 01:20 AM - 01:25 AM | 50.4 | 45.5 |
| 08:05 PM - 08:10 PM | 53.2 | 47.1 | 10:45 PM - 10:50 PM | 51.0 | 48.0 | 01:25 AM - 01:30 AM | 49.3 | 47.4 |
| 08:10 PM - 08:15 PM | 52.5 | 45.6 | 10:50 PM - 10:55 PM | 50.4 | 46.8 | 01:30 AM - 01:35 AM | 48.6 | 45.2 |
| 08:15 PM - 08:20 PM | 52.7 | 46.9 | 10:55 PM - 11:00 PM | 51.4 | 46.0 | 01:35 AM - 01:40 AM | 48.8 | 47.1 |
| 08:20 PM - 08:25 PM | 51.6 | 46.9 | 11:00 PM - 11:05 PM | 49.8 | 47.5 | 01:40 AM - 01:45 AM | 49.3 | 47.5 |
| 08:25 PM - 08:30 PM | 54.5 | 46.2 | 11:05 PM - 11:10 PM | 52.5 | 46.2 | 01:45 AM - 01:50 AM | 48.8 | 45.4 |
| 08:30 PM - 08:35 PM | 49.5 | 45.9 | 11:10 PM - 11:15 PM | 52.4 | 48.3 | 01:50 AM - 01:55 AM | 49.2 | 47.7 |
| 08:35 PM - 08:40 PM | 48.3 | 44.5 | 11:15 PM - 11:20 PM | 49.0 | 45.6 | 01:55 AM - 02:00 AM | 49.0 | 45.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854753-1



**Sample Number** 23128868-17
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 02:00 AM - 02:05 AM | 50.4 | 48.6 | 04:40 AM - 04:45 AM | 49.7 | 45.0 | 07:20 AM - 07:25 AM | 54.9 | 46.4 |
| 02:05 AM - 02:10 AM | 51.1 | 46.6 | 04:45 AM - 04:50 AM | 50.1 | 48.0 | 07:25 AM - 07:30 AM | 53.0 | 48.8 |
| 02:10 AM - 02:15 AM | 48.9 | 45.5 | 04:50 AM - 04:55 AM | 50.3 | 48.4 | 07:30 AM - 07:35 AM | 55.1 | 46.9 |
| 02:15 AM - 02:20 AM | 51.7 | 49.2 | 04:55 AM - 05:00 AM | 51.3 | 46.6 | 07:35 AM - 07:40 AM | 52.8 | 48.4 |
| 02:20 AM - 02:25 AM | 48.8 | 44.9 | 05:00 AM - 05:05 AM | 49.8 | 46.8 | 07:40 AM - 07:45 AM | 56.0 | 46.0 |
| 02:25 AM - 02:30 AM | 51.3 | 48.7 | 05:05 AM - 05:10 AM | 58.4 | 45.6 | 07:45 AM - 07:50 AM | 61.9 | 46.9 |
| 02:30 AM - 02:35 AM | 49.7 | 47.8 | 05:10 AM - 05:15 AM | 51.1 | 46.2 | 07:50 AM - 07:55 AM | 57.0 | 47.0 |
| 02:35 AM - 02:40 AM | 52.2 | 45.4 | 05:15 AM - 05:20 AM | 51.3 | 47.0 | 07:55 AM - 08:00 AM | 59.0 | 46.3 |
| 02:40 AM - 02:45 AM | 53.5 | 48.8 | 05:20 AM - 05:25 AM | 54.6 | 47.0 | 08:00 AM - 08:05 AM | 51.7 | 45.2 |
| 02:45 AM - 02:50 AM | 49.5 | 47.4 | 05:25 AM - 05:30 AM | 52.4 | 47.2 | 08:05 AM - 08:10 AM | 51.9 | 46.1 |
| 02:50 AM - 02:55 AM | 61.4 | 47.2 | 05:30 AM - 05:35 AM | 50.0 | 46.5 | 08:10 AM - 08:15 AM | 53.2 | 45.5 |
| 02:55 AM - 03:00 AM | 49.4 | 47.0 | 05:35 AM - 05:40 AM | 61.1 | 46.7 | 08:15 AM - 08:20 AM | 54.8 | 43.6 |
| 03:00 AM - 03:05 AM | 53.4 | 45.5 | 05:40 AM - 05:45 AM | 52.8 | 49.1 | 08:20 AM - 08:25 AM | 52.3 | 44.7 |
| 03:05 AM - 03:10 AM | 49.2 | 46.0 | 05:45 AM - 05:50 AM | 49.9 | 46.1 | 08:25 AM - 08:30 AM | 50.3 | 45.3 |
| 03:10 AM - 03:15 AM | 62.6 | 46.9 | 05:50 AM - 05:55 AM | 52.0 | 46.9 | 08:30 AM - 08:35 AM | 52.4 | 45.5 |
| 03:15 AM - 03:20 AM | 48.4 | 45.5 | 05:55 AM - 06:00 AM | 56.7 | 45.2 | 08:35 AM - 08:40 AM | 54.5 | 44.6 |
| 03:20 AM - 03:25 AM | 48.9 | 46.3 | 06:00 AM - 06:05 AM | 50.3 | 46.7 | 08:40 AM - 08:45 AM | 53.7 | 44.4 |
| 03:25 AM - 03:30 AM | 48.7 | 45.2 | 06:05 AM - 06:10 AM | 54.1 | 46.9 | 08:45 AM - 08:50 AM | 52.9 | 43.9 |
| 03:30 AM - 03:35 AM | 48.9 | 47.1 | 06:10 AM - 06:15 AM | 49.3 | 46.4 | 08:50 AM - 08:55 AM | 59.0 | 46.9 |
| 03:35 AM - 03:40 AM | 49.0 | 48.1 | 06:15 AM - 06:20 AM | 57.3 | 49.6 | 08:55 AM - 09:00 AM | 52.8 | 45.9 |
| 03:40 AM - 03:45 AM | 48.0 | 45.4 | 06:20 AM - 06:25 AM | 51.1 | 46.0 | 09:00 AM - 09:05 AM | 53.1 | 45.6 |
| 03:45 AM - 03:50 AM | 49.0 | 47.6 | 06:25 AM - 06:30 AM | 51.6 | 49.8 | 09:05 AM - 09:10 AM | 52.7 | 46.0 |
| 03:50 AM - 03:55 AM | 49.3 | 46.0 | 06:30 AM - 06:35 AM | 52.0 | 47.9 | 09:10 AM - 09:15 AM | 54.6 | 48.3 |
| 03:55 AM - 04:00 AM | 49.0 | 47.1 | 06:35 AM - 06:40 AM | 52.4 | 47.1 | 09:15 AM - 09:20 AM | 51.7 | 45.9 |
| 04:00 AM - 04:05 AM | 51.1 | 49.0 | 06:40 AM - 06:45 AM | 51.6 | 46.6 | 09:20 AM - 09:25 AM | 56.4 | 47.1 |
| 04:05 AM - 04:10 AM | 48.5 | 44.6 | 06:45 AM - 06:50 AM | 52.5 | 45.7 | 09:25 AM - 09:30 AM | 53.8 | 46.4 |
| 04:10 AM - 04:15 AM | 49.4 | 48.1 | 06:50 AM - 06:55 AM | 53.1 | 48.5 | 09:30 AM - 09:35 AM | 61.7 | 44.1 |
| 04:15 AM - 04:20 AM | 48.4 | 45.0 | 06:55 AM - 07:00 AM | 55.0 | 46.0 | 09:35 AM - 09:40 AM | 55.8 | 45.9 |
| 04:20 AM - 04:25 AM | 49.7 | 48.4 | 07:00 AM - 07:05 AM | 51.7 | 46.0 | 09:40 AM - 09:45 AM | 54.7 | 44.0 |
| 04:25 AM - 04:30 AM | 49.5 | 47.8 | 07:05 AM - 07:10 AM | 52.7 | 45.9 | 09:45 AM - 09:50 AM | 60.9 | 46.8 |
| 04:30 AM - 04:35 AM | 48.8 | 45.8 | 07:10 AM - 07:15 AM | 56.5 | 49.2 | 09:50 AM - 09:55 AM | 53.9 | 46.3 |
| 04:35 AM - 04:40 AM | 51.0 | 48.8 | 07:15 AM - 07:20 AM | 52.3 | 46.3 | 09:55 AM - 10:00 AM | 54.4 | 45.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854754-1



**Sample Number** 23128868-18
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 10:00 AM - 10:05 AM | 52.1 | 45.3 | 12:40 PM - 12:45 PM | 53.5 | 44.8 | 03:20 PM - 03:25 PM | 56.2 | 43.0 |
| 10:05 AM - 10:10 AM | 53.8 | 45.8 | 12:45 PM - 12:50 PM | 53.1 | 43.8 | 03:25 PM - 03:30 PM | 57.1 | 43.5 |
| 10:10 AM - 10:15 AM | 51.3 | 45.9 | 12:50 PM - 12:55 PM | 54.4 | 43.6 | 03:30 PM - 03:35 PM | 51.9 | 43.2 |
| 10:15 AM - 10:20 AM | 54.7 | 46.2 | 12:55 PM - 01:00 PM | 50.9 | 43.5 | 03:35 PM - 03:40 PM | 60.2 | 43.7 |
| 10:20 AM - 10:25 AM | 53.2 | 45.5 | 01:00 PM - 01:05 PM | 51.9 | 43.1 | 03:40 PM - 03:45 PM | 56.0 | 43.7 |
| 10:25 AM - 10:30 AM | 52.7 | 45.4 | 01:05 PM - 01:10 PM | 51.8 | 44.0 | 03:45 PM - 03:50 PM | 59.5 | 45.0 |
| 10:30 AM - 10:35 AM | 50.2 | 43.3 | 01:10 PM - 01:15 PM | 53.9 | 43.5 | 03:50 PM - 03:55 PM | 54.4 | 44.1 |
| 10:35 AM - 10:40 AM | 53.1 | 44.8 | 01:15 PM - 01:20 PM | 55.9 | 44.2 | 03:55 PM - 04:00 PM | 61.2 | 45.6 |
| 10:40 AM - 10:45 AM | 64.6 | 46.0 | 01:20 PM - 01:25 PM | 52.4 | 44.4 | 04:00 PM - 04:05 PM | 52.1 | 43.4 |
| 10:45 AM - 10:50 AM | 53.3 | 45.3 | 01:25 PM - 01:30 PM | 49.1 | 42.8 | 04:05 PM - 04:10 PM | 54.6 | 43.9 |
| 10:50 AM - 10:55 AM | 52.4 | 45.4 | 01:30 PM - 01:35 PM | 53.7 | 44.2 | 04:10 PM - 04:15 PM | 53.6 | 44.0 |
| 10:55 AM - 11:00 AM | 51.4 | 45.1 | 01:35 PM - 01:40 PM | 53.2 | 44.7 | 04:15 PM - 04:20 PM | 54.5 | 43.7 |
| 11:00 AM - 11:05 AM | 55.4 | 45.0 | 01:40 PM - 01:45 PM | 53.4 | 44.8 | 04:20 PM - 04:25 PM | 53.5 | 45.4 |
| 11:05 AM - 11:10 AM | 54.2 | 44.9 | 01:45 PM - 01:50 PM | 52.5 | 44.6 | 04:25 PM - 04:30 PM | 56.5 | 46.5 |
| 11:10 AM - 11:15 AM | 52.4 | 43.9 | 01:50 PM - 01:55 PM | 51.3 | 45.5 | 04:30 PM - 04:35 PM | 55.7 | 45.5 |
| 11:15 AM - 11:20 AM | 51.8 | 44.6 | 01:55 PM - 02:00 PM | 51.4 | 43.7 | 04:35 PM - 04:40 PM | 50.0 | 43.7 |
| 11:20 AM - 11:25 AM | 51.1 | 45.5 | 02:00 PM - 02:05 PM | 51.3 | 44.5 | 04:40 PM - 04:45 PM | 53.4 | 44.4 |
| 11:25 AM - 11:30 AM | 54.3 | 44.9 | 02:05 PM - 02:10 PM | 50.1 | 43.0 | 04:45 PM - 04:50 PM | 54.8 | 44.6 |
| 11:30 AM - 11:35 AM | 53.9 | 45.7 | 02:10 PM - 02:15 PM | 50.5 | 43.4 | 04:50 PM - 04:55 PM | 54.6 | 45.1 |
| 11:35 AM - 11:40 AM | 53.3 | 44.9 | 02:15 PM - 02:20 PM | 51.3 | 42.9 | 04:55 PM - 05:00 PM | 58.1 | 44.5 |
| 11:40 AM - 11:45 AM | 53.6 | 43.0 | 02:20 PM - 02:25 PM | 58.3 | 43.7 | 05:00 PM - 05:05 PM | 53.4 | 43.6 |
| 11:45 AM - 11:50 AM | 54.6 | 44.6 | 02:25 PM - 02:30 PM | 51.3 | 43.7 | 05:05 PM - 05:10 PM | 52.1 | 44.0 |
| 11:50 AM - 11:55 AM | 54.6 | 43.5 | 02:30 PM - 02:35 PM | 52.4 | 44.2 | 05:10 PM - 05:15 PM | 59.1 | 44.2 |
| 11:55 AM - 12:00 PM | 51.3 | 44.3 | 02:35 PM - 02:40 PM | 56.8 | 42.7 | 05:15 PM - 05:20 PM | 55.4 | 43.5 |
| 12:00 PM - 12:05 PM | 50.7 | 42.4 | 02:40 PM - 02:45 PM | 56.6 | 43.9 | 05:20 PM - 05:25 PM | 53.4 | 43.1 |
| 12:05 PM - 12:10 PM | 49.5 | 43.7 | 02:45 PM - 02:50 PM | 49.0 | 42.9 | 05:25 PM - 05:30 PM | 56.0 | 44.3 |
| 12:10 PM - 12:15 PM | 56.1 | 44.4 | 02:50 PM - 02:55 PM | 54.7 | 42.9 | 05:30 PM - 05:35 PM | 51.4 | 43.2 |
| 12:15 PM - 12:20 PM | 50.6 | 44.2 | 02:55 PM - 03:00 PM | 51.7 | 42.7 | 05:35 PM - 05:40 PM | 55.2 | 43.4 |
| 12:20 PM - 12:25 PM | 53.8 | 44.0 | 03:00 PM - 03:05 PM | 56.7 | 43.9 | 05:40 PM - 05:45 PM | 52.5 | 43.6 |
| 12:25 PM - 12:30 PM | 52.6 | 44.9 | 03:05 PM - 03:10 PM | 53.7 | 43.4 | 05:45 PM - 05:50 PM | 52.6 | 44.3 |
| 12:30 PM - 12:35 PM | 55.1 | 44.2 | 03:10 PM - 03:15 PM | 48.9 | 42.4 | 05:50 PM - 05:55 PM | 51.0 | 44.0 |
| 12:35 PM - 12:40 PM | 62.5 | 45.1 | 03:15 PM - 03:20 PM | 53.5 | 43.4 | 05:55 PM - 06:00 PM | 55.5 | 44.8 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854754-1



**Sample Number** 23128868-18
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26 - Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 06:00 PM - 06:05 PM | 55.1 | 45.9 | 08:40 PM - 08:45 PM | 49.5 | 43.1 | 11:20 PM - 11:25 PM | 46.1 | 43.3 |
| 06:05 PM - 06:10 PM | 57.4 | 44.4 | 08:45 PM - 08:50 PM | 49.8 | 44.9 | 11:25 PM - 11:30 PM | 49.9 | 42.3 |
| 06:10 PM - 06:15 PM | 51.5 | 45.0 | 08:50 PM - 08:55 PM | 49.5 | 43.5 | 11:30 PM - 11:35 PM | 49.8 | 43.1 |
| 06:15 PM - 06:20 PM | 51.1 | 45.0 | 08:55 PM - 09:00 PM | 49.3 | 44.2 | 11:35 PM - 11:40 PM | 48.7 | 44.2 |
| 06:20 PM - 06:25 PM | 51.1 | 47.8 | 09:00 PM - 09:05 PM | 50.7 | 45.7 | 11:40 PM - 11:45 PM | 47.3 | 43.2 |
| 06:25 PM - 06:30 PM | 52.6 | 47.5 | 09:05 PM - 09:10 PM | 50.6 | 43.7 | 11:45 PM - 11:50 PM | 44.6 | 42.7 |
| 06:30 PM - 06:35 PM | 51.7 | 48.0 | 09:10 PM - 09:15 PM | 52.2 | 46.3 | 11:50 PM - 11:55 PM | 49.8 | 44.3 |
| 06:35 PM - 06:40 PM | 53.0 | 47.5 | 09:15 PM - 09:20 PM | 58.4 | 43.7 | 11:55 PM - 12:00 AM | 45.8 | 43.5 |
| 06:40 PM - 06:45 PM | 55.9 | 47.0 | 09:20 PM - 09:25 PM | 50.7 | 43.0 | 12:00 AM - 12:05 AM | 47.6 | 44.5 |
| 06:45 PM - 06:50 PM | 53.8 | 47.0 | 09:25 PM - 09:30 PM | 62.4 | 45.8 | 12:05 AM - 12:10 AM | 50.0 | 44.3 |
| 06:50 PM - 06:55 PM | 55.4 | 47.5 | 09:30 PM - 09:35 PM | 52.3 | 43.7 | 12:10 AM - 12:15 AM | 50.0 | 44.1 |
| 06:55 PM - 07:00 PM | 54.4 | 47.9 | 09:35 PM - 09:40 PM | 48.4 | 46.7 | 12:15 AM - 12:20 AM | 47.9 | 45.9 |
| 07:00 PM - 07:05 PM | 49.6 | 46.7 | 09:40 PM - 09:45 PM | 57.6 | 44.2 | 12:20 AM - 12:25 AM | 50.6 | 44.7 |
| 07:05 PM - 07:10 PM | 58.5 | 47.3 | 09:45 PM - 09:50 PM | 47.9 | 44.3 | 12:25 AM - 12:30 AM | 54.9 | 43.1 |
| 07:10 PM - 07:15 PM | 52.9 | 47.2 | 09:50 PM - 09:55 PM | 50.2 | 46.0 | 12:30 AM - 12:35 AM | 51.0 | 46.6 |
| 07:15 PM - 07:20 PM | 52.8 | 47.3 | 09:55 PM - 10:00 PM | 50.2 | 43.0 | 12:35 AM - 12:40 AM | 50.1 | 45.1 |
| 07:20 PM - 07:25 PM | 52.3 | 47.0 | 10:00 PM - 10:05 PM | 49.9 | 44.4 | 12:40 AM - 12:45 AM | 46.7 | 45.1 |
| 07:25 PM - 07:30 PM | 53.0 | 47.3 | 10:05 PM - 10:10 PM | 48.3 | 44.7 | 12:45 AM - 12:50 AM | 46.8 | 45.0 |
| 07:30 PM - 07:35 PM | 51.8 | 47.0 | 10:10 PM - 10:15 PM | 48.3 | 43.2 | 12:50 AM - 12:55 AM | 47.9 | 45.5 |
| 07:35 PM - 07:40 PM | 52.6 | 47.0 | 10:15 PM - 10:20 PM | 50.8 | 45.5 | 12:55 AM - 01:00 AM | 46.4 | 44.7 |
| 07:40 PM - 07:45 PM | 51.0 | 46.9 | 10:20 PM - 10:25 PM | 52.0 | 43.7 | 01:00 AM - 01:05 AM | 51.9 | 45.8 |
| 07:45 PM - 07:50 PM | 48.8 | 45.6 | 10:25 PM - 10:30 PM | 52.0 | 45.2 | 01:05 AM - 01:10 AM | 47.3 | 46.0 |
| 07:50 PM - 07:55 PM | 52.5 | 45.3 | 10:30 PM - 10:35 PM | 49.3 | 45.4 | 01:10 AM - 01:15 AM | 56.5 | 46.3 |
| 07:55 PM - 08:00 PM | 50.0 | 46.4 | 10:35 PM - 10:40 PM | 62.9 | 45.4 | 01:15 AM - 01:20 AM | 50.9 | 46.3 |
| 08:00 PM - 08:05 PM | 50.0 | 46.2 | 10:40 PM - 10:45 PM | 47.3 | 44.6 | 01:20 AM - 01:25 AM | 53.5 | 45.6 |
| 08:05 PM - 08:10 PM | 53.4 | 45.0 | 10:45 PM - 10:50 PM | 46.0 | 43.1 | 01:25 AM - 01:30 AM | 46.6 | 44.0 |
| 08:10 PM - 08:15 PM | 50.0 | 46.1 | 10:50 PM - 10:55 PM | 50.3 | 45.3 | 01:30 AM - 01:35 AM | 47.0 | 45.1 |
| 08:15 PM - 08:20 PM | 52.1 | 44.9 | 10:55 PM - 11:00 PM | 59.6 | 49.9 | 01:35 AM - 01:40 AM | 46.8 | 45.1 |
| 08:20 PM - 08:25 PM | 63.0 | 45.7 | 11:00 PM - 11:05 PM | 59.5 | 47.0 | 01:40 AM - 01:45 AM | 46.6 | 45.4 |
| 08:25 PM - 08:30 PM | 50.3 | 46.0 | 11:05 PM - 11:10 PM | 50.8 | 44.7 | 01:45 AM - 01:50 AM | 47.3 | 45.1 |
| 08:30 PM - 08:35 PM | 51.7 | 47.0 | 11:10 PM - 11:15 PM | 46.6 | 43.8 | 01:50 AM - 01:55 AM | 47.1 | 45.9 |
| 08:35 PM - 08:40 PM | 50.2 | 45.2 | 11:15 PM - 11:20 PM | 48.9 | 43.2 | 01:55 AM - 02:00 AM | 46.6 | 45.5 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854754-1



**Sample Number** 23128868-18
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 02:00 AM - 02:05 AM | 48.2 | 45.1 | 04:40 AM - 04:45 AM | 47.9 | 46.1 | 07:20 AM - 07:25 AM | 57.0 | 47.4 |
| 02:05 AM - 02:10 AM | 47.8 | 45.7 | 04:45 AM - 04:50 AM | 49.5 | 45.6 | 07:25 AM - 07:30 AM | 58.8 | 47.5 |
| 02:10 AM - 02:15 AM | 46.5 | 45.1 | 04:50 AM - 04:55 AM | 49.2 | 45.6 | 07:30 AM - 07:35 AM | 55.4 | 46.7 |
| 02:15 AM - 02:20 AM | 49.4 | 45.9 | 04:55 AM - 05:00 AM | 49.5 | 45.8 | 07:35 AM - 07:40 AM | 59.7 | 48.2 |
| 02:20 AM - 02:25 AM | 49.6 | 46.1 | 05:00 AM - 05:05 AM | 48.8 | 45.9 | 07:40 AM - 07:45 AM | 54.8 | 46.5 |
| 02:25 AM - 02:30 AM | 48.6 | 46.1 | 05:05 AM - 05:10 AM | 48.2 | 45.7 | 07:45 AM - 07:50 AM | 59.6 | 46.8 |
| 02:30 AM - 02:35 AM | 47.0 | 45.9 | 05:10 AM - 05:15 AM | 58.1 | 46.0 | 07:50 AM - 07:55 AM | 53.1 | 46.5 |
| 02:35 AM - 02:40 AM | 48.8 | 45.9 | 05:15 AM - 05:20 AM | 53.8 | 45.5 | 07:55 AM - 08:00 AM | 59.1 | 46.4 |
| 02:40 AM - 02:45 AM | 55.9 | 46.3 | 05:20 AM - 05:25 AM | 54.9 | 44.4 | 08:00 AM - 08:05 AM | 50.7 | 45.9 |
| 02:45 AM - 02:50 AM | 48.3 | 45.3 | 05:25 AM - 05:30 AM | 49.6 | 45.3 | 08:05 AM - 08:10 AM | 58.0 | 45.1 |
| 02:50 AM - 02:55 AM | 49.9 | 45.9 | 05:30 AM - 05:35 AM | 63.3 | 46.6 | 08:10 AM - 08:15 AM | 55.0 | 45.6 |
| 02:55 AM - 03:00 AM | 47.8 | 46.3 | 05:35 AM - 05:40 AM | 56.7 | 47.0 | 08:15 AM - 08:20 AM | 56.0 | 47.4 |
| 03:00 AM - 03:05 AM | 49.4 | 46.0 | 05:40 AM - 05:45 AM | 52.0 | 48.0 | 08:20 AM - 08:25 AM | 57.7 | 41.4 |
| 03:05 AM - 03:10 AM | 47.7 | 46.2 | 05:45 AM - 05:50 AM | 53.4 | 46.4 | 08:25 AM - 08:30 AM | 53.5 | 39.3 |
| 03:10 AM - 03:15 AM | 49.1 | 46.2 | 05:50 AM - 05:55 AM | 50.7 | 47.8 | 08:30 AM - 08:35 AM | 60.5 | 40.7 |
| 03:15 AM - 03:20 AM | 48.0 | 46.2 | 05:55 AM - 06:00 AM | 56.6 | 47.9 | 08:35 AM - 08:40 AM | 51.3 | 39.8 |
| 03:20 AM - 03:25 AM | 48.5 | 45.9 | 06:00 AM - 06:05 AM | 52.7 | 47.2 | 08:40 AM - 08:45 AM | 53.1 | 39.4 |
| 03:25 AM - 03:30 AM | 47.1 | 45.7 | 06:05 AM - 06:10 AM | 57.7 | 47.1 | 08:45 AM - 08:50 AM | 50.2 | 37.9 |
| 03:30 AM - 03:35 AM | 47.3 | 45.8 | 06:10 AM - 06:15 AM | 53.5 | 47.0 | 08:50 AM - 08:55 AM | 51.4 | 39.8 |
| 03:35 AM - 03:40 AM | 47.6 | 45.8 | 06:15 AM - 06:20 AM | 54.5 | 46.2 | 08:55 AM - 09:00 AM | 57.4 | 38.9 |
| 03:40 AM - 03:45 AM | 47.4 | 45.8 | 06:20 AM - 06:25 AM | 52.7 | 46.9 | 09:00 AM - 09:05 AM | 53.2 | 40.8 |
| 03:45 AM - 03:50 AM | 51.9 | 45.3 | 06:25 AM - 06:30 AM | 59.1 | 48.1 | 09:05 AM - 09:10 AM | 52.1 | 38.8 |
| 03:50 AM - 03:55 AM | 53.1 | 45.7 | 06:30 AM - 06:35 AM | 55.3 | 46.2 | 09:10 AM - 09:15 AM | 54.5 | 37.6 |
| 03:55 AM - 04:00 AM | 48.0 | 45.9 | 06:35 AM - 06:40 AM | 56.4 | 47.9 | 09:15 AM - 09:20 AM | 51.5 | 40.1 |
| 04:00 AM - 04:05 AM | 47.5 | 45.4 | 06:40 AM - 06:45 AM | 55.5 | 47.8 | 09:20 AM - 09:25 AM | 62.4 | 39.5 |
| 04:05 AM - 04:10 AM | 46.9 | 45.4 | 06:45 AM - 06:50 AM | 58.7 | 45.8 | 09:25 AM - 09:30 AM | 50.8 | 41.0 |
| 04:10 AM - 04:15 AM | 59.3 | 46.0 | 06:50 AM - 06:55 AM | 54.8 | 47.3 | 09:30 AM - 09:35 AM | 53.4 | 41.9 |
| 04:15 AM - 04:20 AM | 48.1 | 45.8 | 06:55 AM - 07:00 AM | 62.2 | 46.8 | 09:35 AM - 09:40 AM | 54.9 | 44.8 |
| 04:20 AM - 04:25 AM | 47.6 | 45.8 | 07:00 AM - 07:05 AM | 58.8 | 46.3 | 09:40 AM - 09:45 AM | 51.4 | 43.9 |
| 04:25 AM - 04:30 AM | 47.6 | 45.5 | 07:05 AM - 07:10 AM | 53.8 | 46.2 | 09:45 AM - 09:50 AM | 48.2 | 42.9 |
| 04:30 AM - 04:35 AM | 48.5 | 44.6 | 07:10 AM - 07:15 AM | 56.7 | 46.2 | 09:50 AM - 09:55 AM | 48.3 | 44.2 |
| 04:35 AM - 04:40 AM | 46.7 | 45.0 | 07:15 AM - 07:20 AM | 56.8 | 47.3 | 09:55 AM - 10:00 AM | 54.9 | 44.3 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854755-1



**Sample Number** 23128868-19
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 10:00 AM - 10:05 AM | 55.1 | 44.2 | 12:40 PM - 12:45 PM | 52.2 | 44.3 | 03:20 PM - 03:25 PM | 61.2 | 43.2 |
| 10:05 AM - 10:10 AM | 52.1 | 43.3 | 12:45 PM - 12:50 PM | 56.2 | 44.0 | 03:25 PM - 03:30 PM | 49.4 | 43.2 |
| 10:10 AM - 10:15 AM | 50.5 | 45.6 | 12:50 PM - 12:55 PM | 51.6 | 42.4 | 03:30 PM - 03:35 PM | 55.3 | 43.8 |
| 10:15 AM - 10:20 AM | 51.4 | 44.1 | 12:55 PM - 01:00 PM | 51.1 | 42.8 | 03:35 PM - 03:40 PM | 52.0 | 44.1 |
| 10:20 AM - 10:25 AM | 51.0 | 43.9 | 01:00 PM - 01:05 PM | 51.2 | 42.2 | 03:40 PM - 03:45 PM | 53.5 | 43.8 |
| 10:25 AM - 10:30 AM | 51.3 | 44.3 | 01:05 PM - 01:10 PM | 53.7 | 43.4 | 03:45 PM - 03:50 PM | 48.0 | 43.3 |
| 10:30 AM - 10:35 AM | 56.4 | 44.5 | 01:10 PM - 01:15 PM | 54.7 | 43.8 | 03:50 PM - 03:55 PM | 57.4 | 43.7 |
| 10:35 AM - 10:40 AM | 55.4 | 45.0 | 01:15 PM - 01:20 PM | 50.0 | 43.4 | 03:55 PM - 04:00 PM | 59.2 | 45.2 |
| 10:40 AM - 10:45 AM | 54.4 | 44.3 | 01:20 PM - 01:25 PM | 52.0 | 44.3 | 04:00 PM - 04:05 PM | 52.6 | 43.8 |
| 10:45 AM - 10:50 AM | 54.6 | 45.3 | 01:25 PM - 01:30 PM | 51.0 | 43.3 | 04:05 PM - 04:10 PM | 57.2 | 43.7 |
| 10:50 AM - 10:55 AM | 50.2 | 43.1 | 01:30 PM - 01:35 PM | 49.7 | 44.2 | 04:10 PM - 04:15 PM | 57.9 | 43.7 |
| 10:55 AM - 11:00 AM | 53.9 | 44.2 | 01:35 PM - 01:40 PM | 52.0 | 42.2 | 04:15 PM - 04:20 PM | 55.2 | 44.5 |
| 11:00 AM - 11:05 AM | 50.5 | 43.1 | 01:40 PM - 01:45 PM | 51.2 | 43.2 | 04:20 PM - 04:25 PM | 59.9 | 42.9 |
| 11:05 AM - 11:10 AM | 62.6 | 43.7 | 01:45 PM - 01:50 PM | 57.4 | 43.8 | 04:25 PM - 04:30 PM | 52.7 | 44.2 |
| 11:10 AM - 11:15 AM | 48.4 | 43.0 | 01:50 PM - 01:55 PM | 56.1 | 43.4 | 04:30 PM - 04:35 PM | 59.3 | 43.6 |
| 11:15 AM - 11:20 AM | 53.6 | 43.6 | 01:55 PM - 02:00 PM | 55.9 | 43.7 | 04:35 PM - 04:40 PM | 52.7 | 43.8 |
| 11:20 AM - 11:25 AM | 58.0 | 43.0 | 02:00 PM - 02:05 PM | 47.4 | 42.2 | 04:40 PM - 04:45 PM | 54.0 | 43.1 |
| 11:25 AM - 11:30 AM | 51.6 | 43.5 | 02:05 PM - 02:10 PM | 50.6 | 43.6 | 04:45 PM - 04:50 PM | 54.4 | 45.1 |
| 11:30 AM - 11:35 AM | 52.0 | 43.5 | 02:10 PM - 02:15 PM | 57.8 | 52.1 | 04:50 PM - 04:55 PM | 51.5 | 42.8 |
| 11:35 AM - 11:40 AM | 52.2 | 44.2 | 02:15 PM - 02:20 PM | 54.8 | 42.6 | 04:55 PM - 05:00 PM | 56.5 | 34.3 |
| 11:40 AM - 11:45 AM | 53.9 | 43.4 | 02:20 PM - 02:25 PM | 60.3 | 42.8 | 05:00 PM - 05:05 PM | 54.5 | 36.5 |
| 11:45 AM - 11:50 AM | 53.3 | 43.5 | 02:25 PM - 02:30 PM | 50.7 | 43.8 | 05:05 PM - 05:10 PM | 50.1 | 36.3 |
| 11:50 AM - 11:55 AM | 50.2 | 42.0 | 02:30 PM - 02:35 PM | 60.3 | 42.5 | 05:10 PM - 05:15 PM | 53.5 | 39.1 |
| 11:55 AM - 12:00 PM | 50.8 | 44.1 | 02:35 PM - 02:40 PM | 52.8 | 43.5 | 05:15 PM - 05:20 PM | 55.0 | 39.3 |
| 12:00 PM - 12:05 PM | 54.4 | 42.6 | 02:40 PM - 02:45 PM | 50.1 | 42.3 | 05:20 PM - 05:25 PM | 58.7 | 38.6 |
| 12:05 PM - 12:10 PM | 49.8 | 42.1 | 02:45 PM - 02:50 PM | 55.4 | 43.6 | 05:25 PM - 05:30 PM | 60.9 | 39.5 |
| 12:10 PM - 12:15 PM | 51.2 | 43.5 | 02:50 PM - 02:55 PM | 51.1 | 42.9 | 05:30 PM - 05:35 PM | 48.8 | 36.2 |
| 12:15 PM - 12:20 PM | 53.5 | 41.7 | 02:55 PM - 03:00 PM | 59.0 | 42.9 | 05:35 PM - 05:40 PM | 56.9 | 39.9 |
| 12:20 PM - 12:25 PM | 53.7 | 43.5 | 03:00 PM - 03:05 PM | 50.4 | 42.7 | 05:40 PM - 05:45 PM | 55.9 | 40.1 |
| 12:25 PM - 12:30 PM | 52.9 | 43.8 | 03:05 PM - 03:10 PM | 49.9 | 42.5 | 05:45 PM - 05:50 PM | 60.6 | 42.5 |
| 12:30 PM - 12:35 PM | 50.1 | 44.1 | 03:10 PM - 03:15 PM | 50.4 | 41.9 | 05:50 PM - 05:55 PM | 57.8 | 39.8 |
| 12:35 PM - 12:40 PM | 55.5 | 44.6 | 03:15 PM - 03:20 PM | 51.5 | 41.9 | 05:55 PM - 06:00 PM | 58.3 | 38.8 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854755-1



**Sample Number** 23128868-19
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27 - Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 06:00 PM - 06:05 PM | 53.5 | 38.5 | 08:40 PM - 08:45 PM | 53.8 | 43.8 | 11:20 PM - 11:25 PM | 43.0 | 41.9 |
| 06:05 PM - 06:10 PM | 56.1 | 40.1 | 08:45 PM - 08:50 PM | 53.5 | 42.2 | 11:25 PM - 11:30 PM | 44.6 | 40.6 |
| 06:10 PM - 06:15 PM | 54.5 | 42.7 | 08:50 PM - 08:55 PM | 58.7 | 46.0 | 11:30 PM - 11:35 PM | 51.8 | 40.0 |
| 06:15 PM - 06:20 PM | 55.7 | 45.2 | 08:55 PM - 09:00 PM | 54.8 | 40.5 | 11:35 PM - 11:40 PM | 53.9 | 40.8 |
| 06:20 PM - 06:25 PM | 58.0 | 50.2 | 09:00 PM - 09:05 PM | 55.3 | 46.9 | 11:40 PM - 11:45 PM | 55.6 | 40.2 |
| 06:25 PM - 06:30 PM | 60.8 | 50.8 | 09:05 PM - 09:10 PM | 57.3 | 48.5 | 11:45 PM - 11:50 PM | 52.0 | 39.4 |
| 06:30 PM - 06:35 PM | 55.7 | 49.3 | 09:10 PM - 09:15 PM | 55.7 | 42.0 | 11:50 PM - 11:55 PM | 51.9 | 38.3 |
| 06:35 PM - 06:40 PM | 57.7 | 50.7 | 09:15 PM - 09:20 PM | 60.7 | 39.8 | 11:55 PM - 12:00 AM | 51.8 | 37.1 |
| 06:40 PM - 06:45 PM | 53.2 | 49.5 | 09:20 PM - 09:25 PM | 55.5 | 41.1 | 12:00 AM - 12:05 AM | 52.1 | 37.6 |
| 06:45 PM - 06:50 PM | 56.3 | 49.7 | 09:25 PM - 09:30 PM | 56.0 | 39.7 | 12:05 AM - 12:10 AM | 55.5 | 38.2 |
| 06:50 PM - 06:55 PM | 54.8 | 49.3 | 09:30 PM - 09:35 PM | 56.6 | 44.7 | 12:10 AM - 12:15 AM | 53.0 | 37.0 |
| 06:55 PM - 07:00 PM | 56.4 | 48.7 | 09:35 PM - 09:40 PM | 56.8 | 53.0 | 12:15 AM - 12:20 AM | 52.2 | 37.4 |
| 07:00 PM - 07:05 PM | 58.3 | 49.5 | 09:40 PM - 09:45 PM | 55.7 | 39.5 | 12:20 AM - 12:25 AM | 55.7 | 38.2 |
| 07:05 PM - 07:10 PM | 55.3 | 50.0 | 09:45 PM - 09:50 PM | 56.8 | 51.9 | 12:25 AM - 12:30 AM | 55.0 | 37.0 |
| 07:10 PM - 07:15 PM | 56.7 | 49.5 | 09:50 PM - 09:55 PM | 56.9 | 50.1 | 12:30 AM - 12:35 AM | 56.2 | 37.2 |
| 07:15 PM - 07:20 PM | 52.4 | 49.1 | 09:55 PM - 10:00 PM | 57.0 | 43.8 | 12:35 AM - 12:40 AM | 52.0 | 36.9 |
| 07:20 PM - 07:25 PM | 54.7 | 47.3 | 10:00 PM - 10:05 PM | 57.6 | 48.7 | 12:40 AM - 12:45 AM | 51.0 | 37.5 |
| 07:25 PM - 07:30 PM | 54.7 | 42.1 | 10:05 PM - 10:10 PM | 57.1 | 52.2 | 12:45 AM - 12:50 AM | 49.6 | 38.2 |
| 07:30 PM - 07:35 PM | 53.5 | 42.8 | 10:10 PM - 10:15 PM | 57.4 | 53.7 | 12:50 AM - 12:55 AM | 50.0 | 38.9 |
| 07:35 PM - 07:40 PM | 60.5 | 44.4 | 10:15 PM - 10:20 PM | 58.1 | 44.4 | 12:55 AM - 01:00 AM | 44.8 | 38.6 |
| 07:40 PM - 07:45 PM | 57.1 | 53.0 | 10:20 PM - 10:25 PM | 56.8 | 42.3 | 01:00 AM - 01:05 AM | 46.5 | 39.2 |
| 07:45 PM - 07:50 PM | 58.3 | 51.5 | 10:25 PM - 10:30 PM | 56.4 | 41.8 | 01:05 AM - 01:10 AM | 52.1 | 39.3 |
| 07:50 PM - 07:55 PM | 57.5 | 51.4 | 10:30 PM - 10:35 PM | 56.7 | 42.8 | 01:10 AM - 01:15 AM | 53.2 | 40.1 |
| 07:55 PM - 08:00 PM | 54.1 | 40.4 | 10:35 PM - 10:40 PM | 56.4 | 41.0 | 01:15 AM - 01:20 AM | 52.0 | 37.7 |
| 08:00 PM - 08:05 PM | 52.9 | 39.0 | 10:40 PM - 10:45 PM | 55.8 | 41.2 | 01:20 AM - 01:25 AM | 53.1 | 37.0 |
| 08:05 PM - 08:10 PM | 47.7 | 39.2 | 10:45 PM - 10:50 PM | 56.2 | 41.8 | 01:25 AM - 01:30 AM | 50.4 | 37.8 |
| 08:10 PM - 08:15 PM | 52.5 | 40.6 | 10:50 PM - 10:55 PM | 56.7 | 42.8 | 01:30 AM - 01:35 AM | 48.0 | 38.3 |
| 08:15 PM - 08:20 PM | 54.8 | 43.7 | 10:55 PM - 11:00 PM | 56.8 | 41.3 | 01:35 AM - 01:40 AM | 45.2 | 37.1 |
| 08:20 PM - 08:25 PM | 57.4 | 46.4 | 11:00 PM - 11:05 PM | 54.1 | 41.1 | 01:40 AM - 01:45 AM | 39.2 | 36.1 |
| 08:25 PM - 08:30 PM | 54.7 | 41.3 | 11:05 PM - 11:10 PM | 56.0 | 43.6 | 01:45 AM - 01:50 AM | 41.2 | 35.3 |
| 08:30 PM - 08:35 PM | 52.8 | 41.9 | 11:10 PM - 11:15 PM | 55.0 | 42.8 | 01:50 AM - 01:55 AM | 43.6 | 36.1 |
| 08:35 PM - 08:40 PM | 52.5 | 42.3 | 11:15 PM - 11:20 PM | 54.3 | 42.3 | 01:55 AM - 02:00 AM | 39.4 | 36.1 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854755-1



**Sample Number** 23128868-19
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 02:00 AM - 02:05 AM | 39.4 | 37.9 | 04:40 AM - 04:45 AM | 45.3 | 38.6 | 07:20 AM - 07:25 AM | 56.6 | 43.6 |
| 02:05 AM - 02:10 AM | 40.7 | 38.0 | 04:45 AM - 04:50 AM | 46.8 | 38.9 | 07:25 AM - 07:30 AM | 60.7 | 42.1 |
| 02:10 AM - 02:15 AM | 50.8 | 39.7 | 04:50 AM - 04:55 AM | 45.3 | 39.8 | 07:30 AM - 07:35 AM | 57.9 | 40.7 |
| 02:15 AM - 02:20 AM | 58.7 | 39.9 | 04:55 AM - 05:00 AM | 47.0 | 39.7 | 07:35 AM - 07:40 AM | 54.1 | 41.1 |
| 02:20 AM - 02:25 AM | 47.3 | 39.9 | 05:00 AM - 05:05 AM | 44.3 | 38.9 | 07:40 AM - 07:45 AM | 60.6 | 43.1 |
| 02:25 AM - 02:30 AM | 40.9 | 39.2 | 05:05 AM - 05:10 AM | 46.2 | 38.8 | 07:45 AM - 07:50 AM | 60.5 | 44.1 |
| 02:30 AM - 02:35 AM | 44.3 | 39.0 | 05:10 AM - 05:15 AM | 52.1 | 39.1 | 07:50 AM - 07:55 AM | 55.4 | 43.1 |
| 02:35 AM - 02:40 AM | 42.2 | 38.8 | 05:15 AM - 05:20 AM | 50.5 | 38.1 | 07:55 AM - 08:00 AM | 60.2 | 43.7 |
| 02:40 AM - 02:45 AM | 41.0 | 38.2 | 05:20 AM - 05:25 AM | 65.6 | 41.1 | 08:00 AM - 08:05 AM | 62.8 | 43.4 |
| 02:45 AM - 02:50 AM | 55.5 | 36.4 | 05:25 AM - 05:30 AM | 54.3 | 39.6 | 08:05 AM - 08:10 AM | 50.5 | 43.8 |
| 02:50 AM - 02:55 AM | 62.7 | 39.4 | 05:30 AM - 05:35 AM | 47.5 | 39.5 | 08:10 AM - 08:15 AM | 49.4 | 37.3 |
| 02:55 AM - 03:00 AM | 58.1 | 37.1 | 05:35 AM - 05:40 AM | 47.5 | 39.4 | 08:15 AM - 08:20 AM | 50.2 | 36.2 |
| 03:00 AM - 03:05 AM | 40.2 | 36.7 | 05:40 AM - 05:45 AM | 50.7 | 40.3 | 08:20 AM - 08:25 AM | 50.2 | 37.7 |
| 03:05 AM - 03:10 AM | 39.4 | 35.5 | 05:45 AM - 05:50 AM | 47.1 | 40.3 | 08:25 AM - 08:30 AM | 58.3 | 41.7 |
| 03:10 AM - 03:15 AM | 43.0 | 36.5 | 05:50 AM - 05:55 AM | 50.5 | 43.1 | 08:30 AM - 08:35 AM | 45.9 | 36.7 |
| 03:15 AM - 03:20 AM | 39.2 | 35.1 | 05:55 AM - 06:00 AM | 51.8 | 44.2 | 08:35 AM - 08:40 AM | 62.7 | 38.1 |
| 03:20 AM - 03:25 AM | 41.6 | 35.0 | 06:00 AM - 06:05 AM | 55.1 | 44.4 | 08:40 AM - 08:45 AM | 48.1 | 37.4 |
| 03:25 AM - 03:30 AM | 47.9 | 36.6 | 06:05 AM - 06:10 AM | 55.9 | 44.6 | 08:45 AM - 08:50 AM | 55.1 | 39.1 |
| 03:30 AM - 03:35 AM | 47.8 | 35.2 | 06:10 AM - 06:15 AM | 55.0 | 44.6 | 08:50 AM - 08:55 AM | 63.2 | 40.3 |
| 03:35 AM - 03:40 AM | 44.8 | 34.0 | 06:15 AM - 06:20 AM | 53.8 | 43.7 | 08:55 AM - 09:00 AM | 56.6 | 37.8 |
| 03:40 AM - 03:45 AM | 38.7 | 35.2 | 06:20 AM - 06:25 AM | 55.3 | 43.1 | 09:00 AM - 09:05 AM | 51.4 | 40.4 |
| 03:45 AM - 03:50 AM | 40.8 | 37.4 | 06:25 AM - 06:30 AM | 52.0 | 41.5 | 09:05 AM - 09:10 AM | 52.7 | 38.4 |
| 03:50 AM - 03:55 AM | 45.5 | 38.3 | 06:30 AM - 06:35 AM | 57.9 | 43.3 | 09:10 AM - 09:15 AM | 51.6 | 39.2 |
| 03:55 AM - 04:00 AM | 46.0 | 39.0 | 06:35 AM - 06:40 AM | 55.9 | 42.6 | 09:15 AM - 09:20 AM | 51.7 | 38.4 |
| 04:00 AM - 04:05 AM | 48.8 | 39.5 | 06:40 AM - 06:45 AM | 55.1 | 40.8 | 09:20 AM - 09:25 AM | 54.6 | 40.2 |
| 04:05 AM - 04:10 AM | 45.8 | 37.0 | 06:45 AM - 06:50 AM | 55.0 | 40.6 | 09:25 AM - 09:30 AM | 50.7 | 37.8 |
| 04:10 AM - 04:15 AM | 45.4 | 36.6 | 06:50 AM - 06:55 AM | 53.9 | 40.1 | 09:30 AM - 09:35 AM | 55.1 | 41.4 |
| 04:15 AM - 04:20 AM | 41.6 | 37.5 | 06:55 AM - 07:00 AM | 55.2 | 40.9 | 09:35 AM - 09:40 AM | 48.7 | 36.6 |
| 04:20 AM - 04:25 AM | 48.2 | 37.6 | 07:00 AM - 07:05 AM | 62.6 | 41.9 | 09:40 AM - 09:45 AM | 49.9 | 38.4 |
| 04:25 AM - 04:30 AM | 43.5 | 37.6 | 07:05 AM - 07:10 AM | 63.3 | 46.6 | 09:45 AM - 09:50 AM | 54.5 | 39.9 |
| 04:30 AM - 04:35 AM | 46.5 | 38.8 | 07:10 AM - 07:15 AM | 55.3 | 40.3 | 09:50 AM - 09:55 AM | 55.2 | 37.8 |
| 04:35 AM - 04:40 AM | 44.0 | 38.2 | 07:15 AM - 07:20 AM | 54.3 | 41.2 | 09:55 AM - 10:00 AM | 52.1 | 37.6 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854756-1



**Sample Number** 23128868-20
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 10:00 AM - 10:05 AM | 54.5 | 32.0 | 12:40 PM - 12:45 PM | 52.4 | 41.9 | 03:20 PM - 03:25 PM | 51.6 | 42.3 |
| 10:05 AM - 10:10 AM | 49.4 | 34.3 | 12:45 PM - 12:50 PM | 51.4 | 42.9 | 03:25 PM - 03:30 PM | 54.3 | 43.0 |
| 10:10 AM - 10:15 AM | 48.8 | 36.6 | 12:50 PM - 12:55 PM | 51.9 | 42.5 | 03:30 PM - 03:35 PM | 48.0 | 43.1 |
| 10:15 AM - 10:20 AM | 47.5 | 36.5 | 12:55 PM - 01:00 PM | 54.3 | 42.6 | 03:35 PM - 03:40 PM | 49.4 | 42.5 |
| 10:20 AM - 10:25 AM | 51.6 | 38.3 | 01:00 PM - 01:05 PM | 52.9 | 43.0 | 03:40 PM - 03:45 PM | 51.0 | 43.3 |
| 10:25 AM - 10:30 AM | 51.6 | 36.0 | 01:05 PM - 01:10 PM | 50.7 | 42.5 | 03:45 PM - 03:50 PM | 50.8 | 43.6 |
| 10:30 AM - 10:35 AM | 54.8 | 35.2 | 01:10 PM - 01:15 PM | 52.1 | 41.7 | 03:50 PM - 03:55 PM | 50.4 | 43.8 |
| 10:35 AM - 10:40 AM | 52.0 | 34.5 | 01:15 PM - 01:20 PM | 49.7 | 41.3 | 03:55 PM - 04:00 PM | 51.3 | 42.1 |
| 10:40 AM - 10:45 AM | 50.8 | 35.6 | 01:20 PM - 01:25 PM | 51.0 | 41.5 | 04:00 PM - 04:05 PM | 51.4 | 42.5 |
| 10:45 AM - 10:50 AM | 44.5 | 34.6 | 01:25 PM - 01:30 PM | 48.5 | 40.3 | 04:05 PM - 04:10 PM | 58.3 | 42.6 |
| 10:50 AM - 10:55 AM | 49.4 | 34.1 | 01:30 PM - 01:35 PM | 50.4 | 43.0 | 04:10 PM - 04:15 PM | 54.8 | 40.5 |
| 10:55 AM - 11:00 AM | 43.0 | 34.7 | 01:35 PM - 01:40 PM | 56.3 | 40.9 | 04:15 PM - 04:20 PM | 52.2 | 43.1 |
| 11:00 AM - 11:05 AM | 47.9 | 35.2 | 01:40 PM - 01:45 PM | 57.8 | 43.5 | 04:20 PM - 04:25 PM | 52.9 | 41.6 |
| 11:05 AM - 11:10 AM | 59.3 | 37.8 | 01:45 PM - 01:50 PM | 50.3 | 39.6 | 04:25 PM - 04:30 PM | 47.9 | 41.4 |
| 11:10 AM - 11:15 AM | 52.5 | 36.1 | 01:50 PM - 01:55 PM | 43.8 | 42.3 | 04:30 PM - 04:35 PM | 51.0 | 42.3 |
| 11:15 AM - 11:20 AM | 54.1 | 36.0 | 01:55 PM - 02:00 PM | 57.6 | 43.1 | 04:35 PM - 04:40 PM | 54.9 | 43.4 |
| 11:20 AM - 11:25 AM | 53.5 | 35.2 | 02:00 PM - 02:05 PM | 53.2 | 42.9 | 04:40 PM - 04:45 PM | 51.0 | 43.2 |
| 11:25 AM - 11:30 AM | 55.7 | 38.5 | 02:05 PM - 02:10 PM | 49.7 | 43.6 | 04:45 PM - 04:50 PM | 51.8 | 43.4 |
| 11:30 AM - 11:35 AM | 53.9 | 34.5 | 02:10 PM - 02:15 PM | 52.0 | 40.6 | 04:50 PM - 04:55 PM | 50.1 | 42.4 |
| 11:35 AM - 11:40 AM | 50.0 | 34.2 | 02:15 PM - 02:20 PM | 50.1 | 41.5 | 04:55 PM - 05:00 PM | 50.6 | 43.4 |
| 11:40 AM - 11:45 AM | 47.2 | 33.9 | 02:20 PM - 02:25 PM | 52.5 | 42.0 | 05:00 PM - 05:05 PM | 53.5 | 42.9 |
| 11:45 AM - 11:50 AM | 53.9 | 33.9 | 02:25 PM - 02:30 PM | 50.4 | 40.2 | 05:05 PM - 05:10 PM | 52.9 | 44.0 |
| 11:50 AM - 11:55 AM | 52.1 | 32.5 | 02:30 PM - 02:35 PM | 48.3 | 43.0 | 05:10 PM - 05:15 PM | 54.5 | 44.2 |
| 11:55 AM - 12:00 PM | 46.9 | 34.9 | 02:35 PM - 02:40 PM | 49.0 | 41.8 | 05:15 PM - 05:20 PM | 52.0 | 44.5 |
| 12:00 PM - 12:05 PM | 58.6 | 37.8 | 02:40 PM - 02:45 PM | 48.6 | 43.4 | 05:20 PM - 05:25 PM | 54.9 | 45.1 |
| 12:05 PM - 12:10 PM | 49.4 | 41.0 | 02:45 PM - 02:50 PM | 49.6 | 41.1 | 05:25 PM - 05:30 PM | 54.2 | 44.7 |
| 12:10 PM - 12:15 PM | 56.3 | 42.2 | 02:50 PM - 02:55 PM | 58.3 | 42.4 | 05:30 PM - 05:35 PM | 57.0 | 44.4 |
| 12:15 PM - 12:20 PM | 48.5 | 40.9 | 02:55 PM - 03:00 PM | 49.5 | 42.4 | 05:35 PM - 05:40 PM | 50.9 | 43.9 |
| 12:20 PM - 12:25 PM | 53.6 | 42.8 | 03:00 PM - 03:05 PM | 51.5 | 43.5 | 05:40 PM - 05:45 PM | 52.2 | 42.7 |
| 12:25 PM - 12:30 PM | 50.2 | 41.5 | 03:05 PM - 03:10 PM | 49.6 | 44.1 | 05:45 PM - 05:50 PM | 57.0 | 45.0 |
| 12:30 PM - 12:35 PM | 54.6 | 40.5 | 03:10 PM - 03:15 PM | 48.3 | 42.1 | 05:50 PM - 05:55 PM | 51.5 | 43.3 |
| 12:35 PM - 12:40 PM | 53.8 | 43.0 | 03:15 PM - 03:20 PM | 51.4 | 43.4 | 05:55 PM - 06:00 PM | 54.9 | 43.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854756-1



**Sample Number** 23128868-20
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28 - Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 06:00 PM - 06:05 PM | 60.1 | 43.3 | 08:40 PM - 08:45 PM | 45.2 | 42.7 | 11:20 PM - 11:25 PM | 45.1 | 44.5 |
| 06:05 PM - 06:10 PM | 50.1 | 42.4 | 08:45 PM - 08:50 PM | 49.7 | 43.6 | 11:25 PM - 11:30 PM | 46.4 | 43.0 |
| 06:10 PM - 06:15 PM | 54.4 | 42.1 | 08:50 PM - 08:55 PM | 45.7 | 43.4 | 11:30 PM - 11:35 PM | 48.5 | 44.5 |
| 06:15 PM - 06:20 PM | 53.8 | 42.8 | 08:55 PM - 09:00 PM | 50.7 | 43.3 | 11:35 PM - 11:40 PM | 47.4 | 44.4 |
| 06:20 PM - 06:25 PM | 51.3 | 45.6 | 09:00 PM - 09:05 PM | 49.6 | 42.1 | 11:40 PM - 11:45 PM | 49.4 | 44.6 |
| 06:25 PM - 06:30 PM | 51.8 | 46.0 | 09:05 PM - 09:10 PM | 48.2 | 42.4 | 11:45 PM - 11:50 PM | 48.1 | 44.8 |
| 06:30 PM - 06:35 PM | 52.2 | 46.6 | 09:10 PM - 09:15 PM | 48.1 | 42.6 | 11:50 PM - 11:55 PM | 45.6 | 43.2 |
| 06:35 PM - 06:40 PM | 52.3 | 46.5 | 09:15 PM - 09:20 PM | 48.8 | 42.5 | 11:55 PM - 12:00 AM | 47.3 | 45.0 |
| 06:40 PM - 06:45 PM | 55.2 | 46.2 | 09:20 PM - 09:25 PM | 49.2 | 42.5 | 12:00 AM - 12:05 AM | 46.6 | 44.9 |
| 06:45 PM - 06:50 PM | 51.2 | 46.0 | 09:25 PM - 09:30 PM | 46.6 | 42.7 | 12:05 AM - 12:10 AM | 49.7 | 44.1 |
| 06:50 PM - 06:55 PM | 54.5 | 47.0 | 09:30 PM - 09:35 PM | 47.6 | 42.6 | 12:10 AM - 12:15 AM | 47.9 | 44.4 |
| 06:55 PM - 07:00 PM | 52.4 | 44.9 | 09:35 PM - 09:40 PM | 47.9 | 42.5 | 12:15 AM - 12:20 AM | 47.4 | 44.6 |
| 07:00 PM - 07:05 PM | 50.1 | 43.0 | 09:40 PM - 09:45 PM | 48.9 | 43.6 | 12:20 AM - 12:25 AM | 47.2 | 42.3 |
| 07:05 PM - 07:10 PM | 50.9 | 43.7 | 09:45 PM - 09:50 PM | 47.2 | 42.7 | 12:25 AM - 12:30 AM | 47.1 | 43.1 |
| 07:10 PM - 07:15 PM | 52.3 | 43.3 | 09:50 PM - 09:55 PM | 45.3 | 44.4 | 12:30 AM - 12:35 AM | 44.8 | 44.3 |
| 07:15 PM - 07:20 PM | 50.6 | 44.3 | 09:55 PM - 10:00 PM | 48.9 | 44.6 | 12:35 AM - 12:40 AM | 45.0 | 41.9 |
| 07:20 PM - 07:25 PM | 48.9 | 43.1 | 10:00 PM - 10:05 PM | 46.6 | 42.7 | 12:40 AM - 12:45 AM | 50.7 | 42.1 |
| 07:25 PM - 07:30 PM | 51.5 | 43.7 | 10:05 PM - 10:10 PM | 49.7 | 42.4 | 12:45 AM - 12:50 AM | 46.6 | 44.7 |
| 07:30 PM - 07:35 PM | 49.9 | 43.4 | 10:10 PM - 10:15 PM | 44.3 | 42.6 | 12:50 AM - 12:55 AM | 48.9 | 44.7 |
| 07:35 PM - 07:40 PM | 50.1 | 43.0 | 10:15 PM - 10:20 PM | 45.8 | 42.6 | 12:55 AM - 01:00 AM | 46.3 | 42.9 |
| 07:40 PM - 07:45 PM | 45.7 | 44.0 | 10:20 PM - 10:25 PM | 49.9 | 44.7 | 01:00 AM - 01:05 AM | 45.5 | 44.7 |
| 07:45 PM - 07:50 PM | 61.7 | 44.6 | 10:25 PM - 10:30 PM | 49.5 | 43.1 | 01:05 AM - 01:10 AM | 48.0 | 44.0 |
| 07:50 PM - 07:55 PM | 50.9 | 43.6 | 10:30 PM - 10:35 PM | 47.7 | 42.4 | 01:10 AM - 01:15 AM | 50.5 | 44.5 |
| 07:55 PM - 08:00 PM | 64.7 | 42.9 | 10:35 PM - 10:40 PM | 51.8 | 43.7 | 01:15 AM - 01:20 AM | 54.2 | 43.7 |
| 08:00 PM - 08:05 PM | 49.6 | 43.9 | 10:40 PM - 10:45 PM | 47.9 | 43.2 | 01:20 AM - 01:25 AM | 48.6 | 44.4 |
| 08:05 PM - 08:10 PM | 51.9 | 44.1 | 10:45 PM - 10:50 PM | 47.2 | 43.8 | 01:25 AM - 01:30 AM | 45.6 | 44.8 |
| 08:10 PM - 08:15 PM | 55.4 | 43.8 | 10:50 PM - 10:55 PM | 57.5 | 44.4 | 01:30 AM - 01:35 AM | 45.1 | 42.5 |
| 08:15 PM - 08:20 PM | 51.2 | 43.8 | 10:55 PM - 11:00 PM | 49.6 | 45.0 | 01:35 AM - 01:40 AM | 44.9 | 43.7 |
| 08:20 PM - 08:25 PM | 45.7 | 42.2 | 11:00 PM - 11:05 PM | 50.7 | 44.9 | 01:40 AM - 01:45 AM | 45.5 | 44.4 |
| 08:25 PM - 08:30 PM | 48.0 | 43.1 | 11:05 PM - 11:10 PM | 48.5 | 43.1 | 01:45 AM - 01:50 AM | 45.8 | 42.3 |
| 08:30 PM - 08:35 PM | 47.9 | 44.5 | 11:10 PM - 11:15 PM | 45.4 | 44.4 | 01:50 AM - 01:55 AM | 45.1 | 44.7 |
| 08:35 PM - 08:40 PM | 46.2 | 43.4 | 11:15 PM - 11:20 PM | 45.7 | 44.6 | 01:55 AM - 02:00 AM | 46.2 | 45.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854756-1



**Sample Number** 23128868-20
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 02:00 AM - 02:05 AM | 50.1 | 42.2 | 04:40 AM - 04:45 AM | 45.5 | 43.0 | 07:20 AM - 07:25 AM | 55.2 | 45.0 |
| 02:05 AM - 02:10 AM | 45.8 | 45.2 | 04:45 AM - 04:50 AM | 46.5 | 44.6 | 07:25 AM - 07:30 AM | 53.4 | 45.9 |
| 02:10 AM - 02:15 AM | 45.9 | 44.2 | 04:50 AM - 04:55 AM | 45.9 | 43.4 | 07:30 AM - 07:35 AM | 57.1 | 44.8 |
| 02:15 AM - 02:20 AM | 47.3 | 45.1 | 04:55 AM - 05:00 AM | 50.6 | 45.1 | 07:35 AM - 07:40 AM | 52.1 | 45.0 |
| 02:20 AM - 02:25 AM | 45.9 | 44.8 | 05:00 AM - 05:05 AM | 64.0 | 45.3 | 07:40 AM - 07:45 AM | 55.6 | 45.1 |
| 02:25 AM - 02:30 AM | 47.9 | 44.5 | 05:05 AM - 05:10 AM | 50.9 | 45.2 | 07:45 AM - 07:50 AM | 64.1 | 45.3 |
| 02:30 AM - 02:35 AM | 48.2 | 44.6 | 05:10 AM - 05:15 AM | 47.3 | 44.7 | 07:50 AM - 07:55 AM | 54.9 | 45.1 |
| 02:35 AM - 02:40 AM | 45.3 | 44.5 | 05:15 AM - 05:20 AM | 48.5 | 45.6 | 07:55 AM - 08:00 AM | 59.8 | 46.3 |
| 02:40 AM - 02:45 AM | 44.7 | 44.1 | 05:20 AM - 05:25 AM | 59.9 | 45.6 | 08:00 AM - 08:05 AM | 53.8 | 45.0 |
| 02:45 AM - 02:50 AM | 45.0 | 44.2 | 05:25 AM - 05:30 AM | 48.4 | 44.7 | 08:05 AM - 08:10 AM | 54.9 | 44.3 |
| 02:50 AM - 02:55 AM | 47.6 | 43.4 | 05:30 AM - 05:35 AM | 48.7 | 44.4 | 08:10 AM - 08:15 AM | 59.3 | 43.9 |
| 02:55 AM - 03:00 AM | 45.4 | 44.0 | 05:35 AM - 05:40 AM | 46.4 | 44.3 | 08:15 AM - 08:20 AM | 51.3 | 42.5 |
| 03:00 AM - 03:05 AM | 45.0 | 42.6 | 05:40 AM - 05:45 AM | 47.0 | 44.3 | 08:20 AM - 08:25 AM | 48.2 | 42.6 |
| 03:05 AM - 03:10 AM | 46.2 | 43.9 | 05:45 AM - 05:50 AM | 50.6 | 43.9 | 08:25 AM - 08:30 AM | 53.4 | 43.2 |
| 03:10 AM - 03:15 AM | 46.4 | 44.1 | 05:50 AM - 05:55 AM | 50.2 | 44.6 | 08:30 AM - 08:35 AM | 45.1 | 42.6 |
| 03:15 AM - 03:20 AM | 47.0 | 43.8 | 05:55 AM - 06:00 AM | 58.4 | 44.6 | 08:35 AM - 08:40 AM | 52.7 | 43.6 |
| 03:20 AM - 03:25 AM | 45.4 | 44.1 | 06:00 AM - 06:05 AM | 47.1 | 43.1 | 08:40 AM - 08:45 AM | 53.6 | 43.6 |
| 03:25 AM - 03:30 AM | 45.2 | 44.2 | 06:05 AM - 06:10 AM | 53.8 | 44.9 | 08:45 AM - 08:50 AM | 49.0 | 42.4 |
| 03:30 AM - 03:35 AM | 45.8 | 42.0 | 06:10 AM - 06:15 AM | 51.2 | 44.2 | 08:50 AM - 08:55 AM | 49.9 | 42.9 |
| 03:35 AM - 03:40 AM | 44.9 | 44.2 | 06:15 AM - 06:20 AM | 49.9 | 42.7 | 08:55 AM - 09:00 AM | 50.6 | 43.0 |
| 03:40 AM - 03:45 AM | 48.3 | 44.5 | 06:20 AM - 06:25 AM | 49.7 | 42.9 | 09:00 AM - 09:05 AM | 51.6 | 43.3 |
| 03:45 AM - 03:50 AM | 49.7 | 44.7 | 06:25 AM - 06:30 AM | 48.5 | 42.9 | 09:05 AM - 09:10 AM | 52.1 | 42.7 |
| 03:50 AM - 03:55 AM | 46.9 | 44.4 | 06:30 AM - 06:35 AM | 51.9 | 44.7 | 09:10 AM - 09:15 AM | 51.2 | 41.7 |
| 03:55 AM - 04:00 AM | 45.3 | 44.3 | 06:35 AM - 06:40 AM | 53.9 | 44.6 | 09:15 AM - 09:20 AM | 51.4 | 42.4 |
| 04:00 AM - 04:05 AM | 45.4 | 44.5 | 06:40 AM - 06:45 AM | 52.9 | 44.6 | 09:20 AM - 09:25 AM | 50.9 | 41.8 |
| 04:05 AM - 04:10 AM | 47.0 | 44.1 | 06:45 AM - 06:50 AM | 53.8 | 45.1 | 09:25 AM - 09:30 AM | 51.1 | 41.3 |
| 04:10 AM - 04:15 AM | 46.0 | 44.6 | 06:50 AM - 06:55 AM | 51.8 | 45.1 | 09:30 AM - 09:35 AM | 52.5 | 44.1 |
| 04:15 AM - 04:20 AM | 45.0 | 44.2 | 06:55 AM - 07:00 AM | 58.7 | 45.2 | 09:35 AM - 09:40 AM | 51.4 | 45.0 |
| 04:20 AM - 04:25 AM | 46.0 | 42.3 | 07:00 AM - 07:05 AM | 53.4 | 45.1 | 09:40 AM - 09:45 AM | 52.7 | 43.8 |
| 04:25 AM - 04:30 AM | 46.3 | 44.5 | 07:05 AM - 07:10 AM | 51.6 | 46.1 | 09:45 AM - 09:50 AM | 54.7 | 43.6 |
| 04:30 AM - 04:35 AM | 49.0 | 44.5 | 07:10 AM - 07:15 AM | 64.3 | 46.1 | 09:50 AM - 09:55 AM | 50.9 | 41.9 |
| 04:35 AM - 04:40 AM | 47.8 | 44.6 | 07:15 AM - 07:20 AM | 52.4 | 45.9 | 09:55 AM - 10:00 AM | 50.5 | 42.5 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854757-1



**Sample Number** 23128868-21
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 10:00 AM - 10:05 AM | 52.4 | 45.6 | 12:40 PM - 12:45 PM | 53.8 | 45.1 | 03:20 PM - 03:25 PM | 56.5 | 43.3 |
| 10:05 AM - 10:10 AM | 54.1 | 46.1 | 12:45 PM - 12:50 PM | 53.4 | 44.1 | 03:25 PM - 03:30 PM | 57.4 | 43.8 |
| 10:10 AM - 10:15 AM | 51.6 | 46.2 | 12:50 PM - 12:55 PM | 54.7 | 43.9 | 03:30 PM - 03:35 PM | 52.2 | 43.5 |
| 10:15 AM - 10:20 AM | 55.0 | 46.5 | 12:55 PM - 01:00 PM | 51.2 | 43.8 | 03:35 PM - 03:40 PM | 60.5 | 44.0 |
| 10:20 AM - 10:25 AM | 53.5 | 45.8 | 01:00 PM - 01:05 PM | 52.2 | 43.4 | 03:40 PM - 03:45 PM | 56.3 | 44.0 |
| 10:25 AM - 10:30 AM | 53.0 | 45.7 | 01:05 PM - 01:10 PM | 52.1 | 44.3 | 03:45 PM - 03:50 PM | 59.8 | 45.3 |
| 10:30 AM - 10:35 AM | 50.5 | 43.6 | 01:10 PM - 01:15 PM | 54.2 | 43.8 | 03:50 PM - 03:55 PM | 54.7 | 44.4 |
| 10:35 AM - 10:40 AM | 53.4 | 45.1 | 01:15 PM - 01:20 PM | 56.2 | 44.5 | 03:55 PM - 04:00 PM | 61.5 | 45.9 |
| 10:40 AM - 10:45 AM | 64.9 | 46.3 | 01:20 PM - 01:25 PM | 52.7 | 44.7 | 04:00 PM - 04:05 PM | 52.4 | 43.7 |
| 10:45 AM - 10:50 AM | 53.6 | 45.6 | 01:25 PM - 01:30 PM | 49.4 | 43.1 | 04:05 PM - 04:10 PM | 54.9 | 44.2 |
| 10:50 AM - 10:55 AM | 52.7 | 45.7 | 01:30 PM - 01:35 PM | 54.0 | 44.5 | 04:10 PM - 04:15 PM | 53.9 | 44.3 |
| 10:55 AM - 11:00 AM | 51.7 | 45.4 | 01:35 PM - 01:40 PM | 53.5 | 45.0 | 04:15 PM - 04:20 PM | 54.8 | 44.0 |
| 11:00 AM - 11:05 AM | 55.7 | 45.3 | 01:40 PM - 01:45 PM | 53.7 | 45.1 | 04:20 PM - 04:25 PM | 53.8 | 45.7 |
| 11:05 AM - 11:10 AM | 54.5 | 45.2 | 01:45 PM - 01:50 PM | 52.8 | 44.9 | 04:25 PM - 04:30 PM | 56.8 | 46.8 |
| 11:10 AM - 11:15 AM | 52.7 | 44.2 | 01:50 PM - 01:55 PM | 51.6 | 45.8 | 04:30 PM - 04:35 PM | 56.0 | 45.8 |
| 11:15 AM - 11:20 AM | 52.1 | 44.9 | 01:55 PM - 02:00 PM | 51.7 | 44.0 | 04:35 PM - 04:40 PM | 50.3 | 44.0 |
| 11:20 AM - 11:25 AM | 51.4 | 45.8 | 02:00 PM - 02:05 PM | 51.6 | 44.8 | 04:40 PM - 04:45 PM | 53.7 | 44.7 |
| 11:25 AM - 11:30 AM | 54.6 | 45.2 | 02:05 PM - 02:10 PM | 50.4 | 43.3 | 04:45 PM - 04:50 PM | 55.1 | 44.9 |
| 11:30 AM - 11:35 AM | 54.2 | 46.0 | 02:10 PM - 02:15 PM | 50.8 | 43.7 | 04:50 PM - 04:55 PM | 54.9 | 45.4 |
| 11:35 AM - 11:40 AM | 53.6 | 45.2 | 02:15 PM - 02:20 PM | 51.6 | 43.2 | 04:55 PM - 05:00 PM | 58.4 | 44.8 |
| 11:40 AM - 11:45 AM | 53.9 | 43.3 | 02:20 PM - 02:25 PM | 58.6 | 44.0 | 05:00 PM - 05:05 PM | 53.7 | 43.9 |
| 11:45 AM - 11:50 AM | 54.9 | 44.9 | 02:25 PM - 02:30 PM | 51.6 | 44.0 | 05:05 PM - 05:10 PM | 52.4 | 44.3 |
| 11:50 AM - 11:55 AM | 54.9 | 43.8 | 02:30 PM - 02:35 PM | 52.7 | 44.5 | 05:10 PM - 05:15 PM | 59.4 | 44.5 |
| 11:55 AM - 12:00 PM | 51.6 | 44.6 | 02:35 PM - 02:40 PM | 57.1 | 43.0 | 05:15 PM - 05:20 PM | 55.7 | 43.8 |
| 12:00 PM - 12:05 PM | 51.0 | 42.7 | 02:40 PM - 02:45 PM | 56.9 | 44.2 | 05:20 PM - 05:25 PM | 53.7 | 43.4 |
| 12:05 PM - 12:10 PM | 49.8 | 44.0 | 02:45 PM - 02:50 PM | 49.3 | 43.2 | 05:25 PM - 05:30 PM | 56.3 | 44.6 |
| 12:10 PM - 12:15 PM | 56.4 | 44.7 | 02:50 PM - 02:55 PM | 55.0 | 43.2 | 05:30 PM - 05:35 PM | 51.7 | 43.5 |
| 12:15 PM - 12:20 PM | 50.9 | 44.5 | 02:55 PM - 03:00 PM | 52.0 | 43.0 | 05:35 PM - 05:40 PM | 55.5 | 43.7 |
| 12:20 PM - 12:25 PM | 54.1 | 44.3 | 03:00 PM - 03:05 PM | 57.0 | 44.2 | 05:40 PM - 05:45 PM | 52.8 | 43.9 |
| 12:25 PM - 12:30 PM | 52.9 | 45.2 | 03:05 PM - 03:10 PM | 54.0 | 43.7 | 05:45 PM - 05:50 PM | 52.9 | 44.6 |
| 12:30 PM - 12:35 PM | 55.4 | 44.5 | 03:10 PM - 03:15 PM | 49.2 | 42.7 | 05:50 PM - 05:55 PM | 51.3 | 44.3 |
| 12:35 PM - 12:40 PM | 62.8 | 45.4 | 03:15 PM - 03:20 PM | 53.8 | 43.7 | 05:55 PM - 06:00 PM | 55.8 | 45.1 |

Approved by

Sarayuth Jittranont
Assistant General Manager

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854757-1



**Sample Number** 23128868-21
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29 - Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 06:00 PM - 06:05 PM | 55.4 | 46.2 | 08:40 PM - 08:45 PM | 49.8 | 43.4 | 11:20 PM - 11:25 PM | 46.4 | 43.6 |
| 06:05 PM - 06:10 PM | 57.7 | 44.7 | 08:45 PM - 08:50 PM | 50.1 | 45.2 | 11:25 PM - 11:30 PM | 50.2 | 42.6 |
| 06:10 PM - 06:15 PM | 51.8 | 45.3 | 08:50 PM - 08:55 PM | 49.8 | 43.8 | 11:30 PM - 11:35 PM | 50.1 | 43.4 |
| 06:15 PM - 06:20 PM | 51.4 | 45.3 | 08:55 PM - 09:00 PM | 49.6 | 44.5 | 11:35 PM - 11:40 PM | 49.0 | 44.5 |
| 06:20 PM - 06:25 PM | 51.4 | 48.1 | 09:00 PM - 09:05 PM | 51.0 | 46.0 | 11:40 PM - 11:45 PM | 47.6 | 43.5 |
| 06:25 PM - 06:30 PM | 52.9 | 47.8 | 09:05 PM - 09:10 PM | 50.9 | 44.0 | 11:45 PM - 11:50 PM | 44.9 | 43.0 |
| 06:30 PM - 06:35 PM | 52.0 | 48.3 | 09:10 PM - 09:15 PM | 52.5 | 46.6 | 11:50 PM - 11:55 PM | 50.1 | 44.6 |
| 06:35 PM - 06:40 PM | 53.3 | 47.8 | 09:15 PM - 09:20 PM | 58.7 | 44.0 | 11:55 PM - 12:00 AM | 46.1 | 43.8 |
| 06:40 PM - 06:45 PM | 56.2 | 47.3 | 09:20 PM - 09:25 PM | 51.0 | 43.3 | 12:00 AM - 12:05 AM | 47.9 | 44.8 |
| 06:45 PM - 06:50 PM | 54.1 | 47.3 | 09:25 PM - 09:30 PM | 62.7 | 46.1 | 12:05 AM - 12:10 AM | 50.3 | 44.6 |
| 06:50 PM - 06:55 PM | 55.7 | 47.8 | 09:30 PM - 09:35 PM | 52.6 | 44.0 | 12:10 AM - 12:15 AM | 50.3 | 44.4 |
| 06:55 PM - 07:00 PM | 54.7 | 48.2 | 09:35 PM - 09:40 PM | 48.7 | 47.0 | 12:15 AM - 12:20 AM | 48.2 | 46.2 |
| 07:00 PM - 07:05 PM | 49.9 | 47.0 | 09:40 PM - 09:45 PM | 57.9 | 44.5 | 12:20 AM - 12:25 AM | 50.9 | 45.0 |
| 07:05 PM - 07:10 PM | 58.8 | 47.6 | 09:45 PM - 09:50 PM | 48.2 | 44.6 | 12:25 AM - 12:30 AM | 55.2 | 43.4 |
| 07:10 PM - 07:15 PM | 53.2 | 47.5 | 09:50 PM - 09:55 PM | 50.5 | 46.3 | 12:30 AM - 12:35 AM | 51.3 | 46.9 |
| 07:15 PM - 07:20 PM | 53.1 | 47.6 | 09:55 PM - 10:00 PM | 50.5 | 43.3 | 12:35 AM - 12:40 AM | 50.4 | 45.4 |
| 07:20 PM - 07:25 PM | 52.6 | 47.3 | 10:00 PM - 10:05 PM | 50.2 | 44.7 | 12:40 AM - 12:45 AM | 47.0 | 45.4 |
| 07:25 PM - 07:30 PM | 53.3 | 47.6 | 10:05 PM - 10:10 PM | 48.6 | 45.0 | 12:45 AM - 12:50 AM | 47.1 | 45.3 |
| 07:30 PM - 07:35 PM | 52.1 | 47.3 | 10:10 PM - 10:15 PM | 48.6 | 43.5 | 12:50 AM - 12:55 AM | 48.2 | 45.8 |
| 07:35 PM - 07:40 PM | 52.9 | 47.3 | 10:15 PM - 10:20 PM | 51.1 | 45.8 | 12:55 AM - 01:00 AM | 46.7 | 45.0 |
| 07:40 PM - 07:45 PM | 51.3 | 47.2 | 10:20 PM - 10:25 PM | 52.3 | 44.0 | 01:00 AM - 01:05 AM | 52.2 | 46.1 |
| 07:45 PM - 07:50 PM | 49.1 | 45.9 | 10:25 PM - 10:30 PM | 52.3 | 45.5 | 01:05 AM - 01:10 AM | 47.6 | 46.3 |
| 07:50 PM - 07:55 PM | 52.8 | 45.6 | 10:30 PM - 10:35 PM | 49.6 | 45.7 | 01:10 AM - 01:15 AM | 56.8 | 46.6 |
| 07:55 PM - 08:00 PM | 50.3 | 46.7 | 10:35 PM - 10:40 PM | 63.2 | 45.7 | 01:15 AM - 01:20 AM | 51.2 | 46.6 |
| 08:00 PM - 08:05 PM | 50.3 | 46.5 | 10:40 PM - 10:45 PM | 47.6 | 44.9 | 01:20 AM - 01:25 AM | 53.8 | 45.9 |
| 08:05 PM - 08:10 PM | 53.7 | 45.3 | 10:45 PM - 10:50 PM | 46.3 | 43.4 | 01:25 AM - 01:30 AM | 46.9 | 44.3 |
| 08:10 PM - 08:15 PM | 50.3 | 46.4 | 10:50 PM - 10:55 PM | 50.6 | 45.6 | 01:30 AM - 01:35 AM | 47.3 | 45.4 |
| 08:15 PM - 08:20 PM | 52.4 | 45.2 | 10:55 PM - 11:00 PM | 59.9 | 50.2 | 01:35 AM - 01:40 AM | 47.1 | 45.4 |
| 08:20 PM - 08:25 PM | 63.3 | 46.0 | 11:00 PM - 11:05 PM | 59.8 | 47.3 | 01:40 AM - 01:45 AM | 46.9 | 45.7 |
| 08:25 PM - 08:30 PM | 50.6 | 46.3 | 11:05 PM - 11:10 PM | 51.1 | 45.0 | 01:45 AM - 01:50 AM | 47.6 | 45.4 |
| 08:30 PM - 08:35 PM | 52.0 | 47.3 | 11:10 PM - 11:15 PM | 46.9 | 44.1 | 01:50 AM - 01:55 AM | 47.4 | 46.2 |
| 08:35 PM - 08:40 PM | 50.5 | 45.5 | 11:15 PM - 11:20 PM | 49.2 | 43.5 | 01:55 AM - 02:00 AM | 46.9 | 45.8 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854757-1



**Sample Number** 23128868-21
**Parameter** Noise Level (Leq 5 min)
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 00296515

| Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 02:00 AM - 02:05 AM | 48.5 | 45.4 | 04:40 AM - 04:45 AM | 48.2 | 46.4 | 07:20 AM - 07:25 AM | 57.3 | 47.7 |
| 02:05 AM - 02:10 AM | 48.1 | 46.0 | 04:45 AM - 04:50 AM | 49.8 | 45.9 | 07:25 AM - 07:30 AM | 59.1 | 47.8 |
| 02:10 AM - 02:15 AM | 46.8 | 45.4 | 04:50 AM - 04:55 AM | 49.5 | 45.9 | 07:30 AM - 07:35 AM | 55.7 | 47.0 |
| 02:15 AM - 02:20 AM | 49.7 | 46.2 | 04:55 AM - 05:00 AM | 49.8 | 46.1 | 07:35 AM - 07:40 AM | 60.0 | 48.5 |
| 02:20 AM - 02:25 AM | 49.9 | 46.4 | 05:00 AM - 05:05 AM | 49.1 | 46.2 | 07:40 AM - 07:45 AM | 55.1 | 46.8 |
| 02:25 AM - 02:30 AM | 48.9 | 46.4 | 05:05 AM - 05:10 AM | 48.5 | 46.0 | 07:45 AM - 07:50 AM | 59.9 | 47.1 |
| 02:30 AM - 02:35 AM | 47.3 | 46.2 | 05:10 AM - 05:15 AM | 58.4 | 46.3 | 07:50 AM - 07:55 AM | 53.4 | 46.8 |
| 02:35 AM - 02:40 AM | 49.1 | 46.2 | 05:15 AM - 05:20 AM | 54.1 | 45.8 | 07:55 AM - 08:00 AM | 59.4 | 46.7 |
| 02:40 AM - 02:45 AM | 56.2 | 46.6 | 05:20 AM - 05:25 AM | 55.2 | 44.7 | 08:00 AM - 08:05 AM | 51.0 | 46.2 |
| 02:45 AM - 02:50 AM | 48.6 | 45.6 | 05:25 AM - 05:30 AM | 49.9 | 45.6 | 08:05 AM - 08:10 AM | 58.3 | 45.4 |
| 02:50 AM - 02:55 AM | 50.2 | 46.2 | 05:30 AM - 05:35 AM | 63.6 | 46.9 | 08:10 AM - 08:15 AM | 55.3 | 45.9 |
| 02:55 AM - 03:00 AM | 48.1 | 46.6 | 05:35 AM - 05:40 AM | 57.0 | 47.3 | 08:15 AM - 08:20 AM | 56.3 | 47.7 |
| 03:00 AM - 03:05 AM | 49.7 | 46.3 | 05:40 AM - 05:45 AM | 52.3 | 48.3 | 08:20 AM - 08:25 AM | 58.0 | 41.7 |
| 03:05 AM - 03:10 AM | 48.0 | 46.5 | 05:45 AM - 05:50 AM | 53.7 | 46.7 | 08:25 AM - 08:30 AM | 53.8 | 39.6 |
| 03:10 AM - 03:15 AM | 49.4 | 46.5 | 05:50 AM - 05:55 AM | 51.0 | 48.1 | 08:30 AM - 08:35 AM | 60.8 | 41.0 |
| 03:15 AM - 03:20 AM | 48.3 | 46.5 | 05:55 AM - 06:00 AM | 56.9 | 48.2 | 08:35 AM - 08:40 AM | 51.6 | 40.1 |
| 03:20 AM - 03:25 AM | 48.8 | 46.2 | 06:00 AM - 06:05 AM | 53.0 | 47.5 | 08:40 AM - 08:45 AM | 53.4 | 39.7 |
| 03:25 AM - 03:30 AM | 47.4 | 46.0 | 06:05 AM - 06:10 AM | 58.0 | 47.4 | 08:45 AM - 08:50 AM | 50.5 | 38.2 |
| 03:30 AM - 03:35 AM | 47.6 | 46.1 | 06:10 AM - 06:15 AM | 53.8 | 47.3 | 08:50 AM - 08:55 AM | 51.7 | 40.1 |
| 03:35 AM - 03:40 AM | 47.9 | 46.1 | 06:15 AM - 06:20 AM | 54.8 | 46.5 | 08:55 AM - 09:00 AM | 57.7 | 39.2 |
| 03:40 AM - 03:45 AM | 47.7 | 46.1 | 06:20 AM - 06:25 AM | 53.0 | 47.2 | 09:00 AM - 09:05 AM | 53.5 | 41.1 |
| 03:45 AM - 03:50 AM | 52.2 | 45.6 | 06:25 AM - 06:30 AM | 59.4 | 48.4 | 09:05 AM - 09:10 AM | 52.4 | 39.1 |
| 03:50 AM - 03:55 AM | 53.4 | 46.0 | 06:30 AM - 06:35 AM | 55.6 | 46.5 | 09:10 AM - 09:15 AM | 54.8 | 37.9 |
| 03:55 AM - 04:00 AM | 48.3 | 46.2 | 06:35 AM - 06:40 AM | 56.7 | 48.2 | 09:15 AM - 09:20 AM | 51.8 | 40.4 |
| 04:00 AM - 04:05 AM | 47.8 | 45.7 | 06:40 AM - 06:45 AM | 55.8 | 48.1 | 09:20 AM - 09:25 AM | 62.7 | 39.8 |
| 04:05 AM - 04:10 AM | 47.2 | 45.7 | 06:45 AM - 06:50 AM | 59.0 | 46.1 | 09:25 AM - 09:30 AM | 51.1 | 41.3 |
| 04:10 AM - 04:15 AM | 59.6 | 46.3 | 06:50 AM - 06:55 AM | 55.1 | 47.6 | 09:30 AM - 09:35 AM | 53.7 | 42.2 |
| 04:15 AM - 04:20 AM | 48.4 | 46.1 | 06:55 AM - 07:00 AM | 62.5 | 47.1 | 09:35 AM - 09:40 AM | 55.2 | 45.1 |
| 04:20 AM - 04:25 AM | 47.9 | 46.1 | 07:00 AM - 07:05 AM | 59.1 | 46.6 | 09:40 AM - 09:45 AM | 51.7 | 44.2 |
| 04:25 AM - 04:30 AM | 47.9 | 45.8 | 07:05 AM - 07:10 AM | 54.1 | 46.5 | 09:45 AM - 09:50 AM | 48.5 | 43.2 |
| 04:30 AM - 04:35 AM | 48.8 | 44.9 | 07:10 AM - 07:15 AM | 57.0 | 46.5 | 09:50 AM - 09:55 AM | 48.6 | 44.5 |
| 04:35 AM - 04:40 AM | 47.0 | 45.3 | 07:15 AM - 07:20 AM | 57.1 | 47.6 | 09:55 AM - 10:00 AM | 55.2 | 44.6 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854758-1



**Sample Number** 23128868-22
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 AM - 09:05 AM | 49.3 | 42.5 | 11:40 AM - 11:45 AM | 48.3 | 44.8 | 02:20 PM - 02:25 PM | 55.5 | 53.7 |
| 09:05 AM - 09:10 AM | 50.9 | 42.3 | 11:45 AM - 11:50 AM | 48.7 | 42.5 | 02:25 PM - 02:30 PM | 51.2 | 43.3 |
| 09:10 AM - 09:15 AM | 52.3 | 44.8 | 11:50 AM - 11:55 AM | 47.6 | 43.0 | 02:30 PM - 02:35 PM | 53.6 | 43.4 |
| 09:15 AM - 09:20 AM | 50.1 | 43.5 | 11:55 AM - 12:00 PM | 56.3 | 41.7 | 02:35 PM - 02:40 PM | 54.8 | 42.9 |
| 09:20 AM - 09:25 AM | 57.0 | 43.0 | 12:00 PM - 12:05 PM | 55.0 | 42.7 | 02:40 PM - 02:45 PM | 54.3 | 44.8 |
| 09:25 AM - 09:30 AM | 53.3 | 43.7 | 12:05 PM - 12:10 PM | 51.4 | 42.0 | 02:45 PM - 02:50 PM | 49.0 | 41.6 |
| 09:30 AM - 09:35 AM | 56.7 | 44.2 | 12:10 PM - 12:15 PM | 48.5 | 43.5 | 02:50 PM - 02:55 PM | 49.1 | 42.2 |
| 09:35 AM - 09:40 AM | 54.6 | 43.0 | 12:15 PM - 12:20 PM | 47.9 | 44.0 | 02:55 PM - 03:00 PM | 50.2 | 42.6 |
| 09:40 AM - 09:45 AM | 48.0 | 39.7 | 12:20 PM - 12:25 PM | 50.9 | 43.0 | 03:00 PM - 03:05 PM | 54.2 | 46.1 |
| 09:45 AM - 09:50 AM | 56.8 | 42.3 | 12:25 PM - 12:30 PM | 49.2 | 42.9 | 03:05 PM - 03:10 PM | 49.5 | 41.9 |
| 09:50 AM - 09:55 AM | 49.3 | 41.5 | 12:30 PM - 12:35 PM | 50.1 | 44.4 | 03:10 PM - 03:15 PM | 49.7 | 42.2 |
| 09:55 AM - 10:00 AM | 47.4 | 40.3 | 12:35 PM - 12:40 PM | 47.6 | 41.0 | 03:15 PM - 03:20 PM | 48.6 | 42.4 |
| 10:00 AM - 10:05 AM | 47.6 | 39.8 | 12:40 PM - 12:45 PM | 48.4 | 39.4 | 03:20 PM - 03:25 PM | 55.5 | 44.9 |
| 10:05 AM - 10:10 AM | 49.2 | 41.6 | 12:45 PM - 12:50 PM | 48.9 | 39.8 | 03:25 PM - 03:30 PM | 48.4 | 41.8 |
| 10:10 AM - 10:15 AM | 52.9 | 40.7 | 12:50 PM - 12:55 PM | 50.0 | 39.2 | 03:30 PM - 03:35 PM | 47.5 | 42.9 |
| 10:15 AM - 10:20 AM | 52.7 | 42.3 | 12:55 PM - 01:00 PM | 52.0 | 39.3 | 03:35 PM - 03:40 PM | 51.4 | 42.4 |
| 10:20 AM - 10:25 AM | 55.3 | 47.8 | 01:00 PM - 01:05 PM | 48.8 | 38.0 | 03:40 PM - 03:45 PM | 57.7 | 44.4 |
| 10:25 AM - 10:30 AM | 49.1 | 42.4 | 01:05 PM - 01:10 PM | 49.5 | 39.9 | 03:45 PM - 03:50 PM | 52.8 | 43.1 |
| 10:30 AM - 10:35 AM | 50.3 | 43.3 | 01:10 PM - 01:15 PM | 47.3 | 38.3 | 03:50 PM - 03:55 PM | 51.0 | 44.4 |
| 10:35 AM - 10:40 AM | 58.4 | 51.0 | 01:15 PM - 01:20 PM | 51.0 | 37.6 | 03:55 PM - 04:00 PM | 51.0 | 45.2 |
| 10:40 AM - 10:45 AM | 52.8 | 50.0 | 01:20 PM - 01:25 PM | 50.3 | 38.5 | 04:00 PM - 04:05 PM | 54.7 | 45.5 |
| 10:45 AM - 10:50 AM | 53.4 | 45.4 | 01:25 PM - 01:30 PM | 51.6 | 37.3 | 04:05 PM - 04:10 PM | 53.9 | 45.7 |
| 10:50 AM - 10:55 AM | 49.8 | 43.6 | 01:30 PM - 01:35 PM | 45.4 | 38.1 | 04:10 PM - 04:15 PM | 52.0 | 45.0 |
| 10:55 AM - 11:00 AM | 55.3 | 43.3 | 01:35 PM - 01:40 PM | 51.5 | 38.1 | 04:15 PM - 04:20 PM | 51.3 | 44.4 |
| 11:00 AM - 11:05 AM | 48.9 | 42.8 | 01:40 PM - 01:45 PM | 47.8 | 38.4 | 04:20 PM - 04:25 PM | 50.3 | 45.1 |
| 11:05 AM - 11:10 AM | 46.4 | 41.6 | 01:45 PM - 01:50 PM | 52.1 | 39.9 | 04:25 PM - 04:30 PM | 49.3 | 45.1 |
| 11:10 AM - 11:15 AM | 52.3 | 43.4 | 01:50 PM - 01:55 PM | 54.0 | 53.0 | 04:30 PM - 04:35 PM | 50.9 | 45.9 |
| 11:15 AM - 11:20 AM | 47.9 | 43.3 | 01:55 PM - 02:00 PM | 55.7 | 53.5 | 04:35 PM - 04:40 PM | 51.1 | 46.1 |
| 11:20 AM - 11:25 AM | 47.4 | 42.6 | 02:00 PM - 02:05 PM | 49.3 | 38.3 | 04:40 PM - 04:45 PM | 53.3 | 47.7 |
| 11:25 AM - 11:30 AM | 46.2 | 42.9 | 02:05 PM - 02:10 PM | 54.4 | 42.9 | 04:45 PM - 04:50 PM | 53.5 | 48.4 |
| 11:30 AM - 11:35 AM | 47.4 | 42.8 | 02:10 PM - 02:15 PM | 55.5 | 43.7 | 04:50 PM - 04:55 PM | 53.8 | 47.8 |
| 11:35 AM - 11:40 AM | 52.6 | 44.4 | 02:15 PM - 02:20 PM | 54.4 | 46.6 | 04:55 PM - 05:00 PM | 54.4 | 47.1 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854758-1



**Sample Number** 23128868-22
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23 - Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 PM - 05:05 PM | 54.6 | 47.2 | 07:40 PM - 07:45 PM | 51.8 | 46.9 | 10:20 PM - 10:25 PM | 45.1 | 44.3 |
| 05:05 PM - 05:10 PM | 53.4 | 48.4 | 07:45 PM - 07:50 PM | 51.6 | 46.1 | 10:25 PM - 10:30 PM | 45.3 | 44.4 |
| 05:10 PM - 05:15 PM | 53.2 | 47.8 | 07:50 PM - 07:55 PM | 52.6 | 45.8 | 10:30 PM - 10:35 PM | 47.0 | 44.9 |
| 05:15 PM - 05:20 PM | 54.0 | 47.9 | 07:55 PM - 08:00 PM | 48.2 | 45.6 | 10:35 PM - 10:40 PM | 49.0 | 45.2 |
| 05:20 PM - 05:25 PM | 52.4 | 46.7 | 08:00 PM - 08:05 PM | 50.1 | 46.7 | 10:40 PM - 10:45 PM | 46.9 | 45.0 |
| 05:25 PM - 05:30 PM | 57.2 | 47.4 | 08:05 PM - 08:10 PM | 54.3 | 48.3 | 10:45 PM - 10:50 PM | 45.4 | 44.0 |
| 05:30 PM - 05:35 PM | 53.8 | 46.1 | 08:10 PM - 08:15 PM | 58.5 | 48.2 | 10:50 PM - 10:55 PM | 48.1 | 44.1 |
| 05:35 PM - 05:40 PM | 51.6 | 46.3 | 08:15 PM - 08:20 PM | 53.1 | 47.6 | 10:55 PM - 11:00 PM | 45.9 | 43.6 |
| 05:40 PM - 05:45 PM | 52.5 | 47.1 | 08:20 PM - 08:25 PM | 52.3 | 47.0 | 11:00 PM - 11:05 PM | 44.4 | 43.6 |
| 05:45 PM - 05:50 PM | 50.9 | 45.6 | 08:25 PM - 08:30 PM | 50.8 | 46.3 | 11:05 PM - 11:10 PM | 44.3 | 43.9 |
| 05:50 PM - 05:55 PM | 54.4 | 47.4 | 08:30 PM - 08:35 PM | 50.9 | 46.2 | 11:10 PM - 11:15 PM | 45.1 | 44.1 |
| 05:55 PM - 06:00 PM | 55.7 | 48.6 | 08:35 PM - 08:40 PM | 50.1 | 45.7 | 11:15 PM - 11:20 PM | 44.2 | 43.7 |
| 06:00 PM - 06:05 PM | 55.6 | 45.4 | 08:40 PM - 08:45 PM | 48.6 | 45.9 | 11:20 PM - 11:25 PM | 45.3 | 43.9 |
| 06:05 PM - 06:10 PM | 52.2 | 45.7 | 08:45 PM - 08:50 PM | 49.5 | 48.2 | 11:25 PM - 11:30 PM | 53.4 | 44.0 |
| 06:10 PM - 06:15 PM | 55.7 | 46.3 | 08:50 PM - 08:55 PM | 48.7 | 47.6 | 11:30 PM - 11:35 PM | 44.3 | 43.9 |
| 06:15 PM - 06:20 PM | 54.3 | 46.8 | 08:55 PM - 09:00 PM | 47.5 | 46.5 | 11:35 PM - 11:40 PM | 45.4 | 44.0 |
| 06:20 PM - 06:25 PM | 52.4 | 48.1 | 09:00 PM - 09:05 PM | 48.3 | 45.8 | 11:40 PM - 11:45 PM | 45.0 | 44.5 |
| 06:25 PM - 06:30 PM | 51.6 | 49.3 | 09:05 PM - 09:10 PM | 47.0 | 45.3 | 11:45 PM - 11:50 PM | 45.5 | 45.0 |
| 06:30 PM - 06:35 PM | 53.8 | 49.9 | 09:10 PM - 09:15 PM | 52.9 | 45.5 | 11:50 PM - 11:55 PM | 45.4 | 45.0 |
| 06:35 PM - 06:40 PM | 54.2 | 49.4 | 09:15 PM - 09:20 PM | 47.1 | 45.5 | 11:55 PM - 12:00 AM | 45.9 | 44.5 |
| 06:40 PM - 06:45 PM | 50.6 | 49.9 | 09:20 PM - 09:25 PM | 49.1 | 44.9 | 12:00 AM - 12:05 AM | 46.3 | 44.4 |
| 06:45 PM - 06:50 PM | 51.2 | 50.1 | 09:25 PM - 09:30 PM | 47.0 | 44.6 | 12:05 AM - 12:10 AM | 44.8 | 44.4 |
| 06:50 PM - 06:55 PM | 52.0 | 49.7 | 09:30 PM - 09:35 PM | 46.2 | 44.7 | 12:10 AM - 12:15 AM | 44.8 | 43.7 |
| 06:55 PM - 07:00 PM | 51.8 | 50.7 | 09:35 PM - 09:40 PM | 46.8 | 45.0 | 12:15 AM - 12:20 AM | 45.3 | 43.7 |
| 07:00 PM - 07:05 PM | 53.2 | 50.9 | 09:40 PM - 09:45 PM | 47.3 | 45.0 | 12:20 AM - 12:25 AM | 45.6 | 43.4 |
| 07:05 PM - 07:10 PM | 52.1 | 49.1 | 09:45 PM - 09:50 PM | 47.7 | 44.9 | 12:25 AM - 12:30 AM | 44.8 | 43.5 |
| 07:10 PM - 07:15 PM | 51.5 | 48.8 | 09:50 PM - 09:55 PM | 46.0 | 44.5 | 12:30 AM - 12:35 AM | 45.9 | 44.2 |
| 07:15 PM - 07:20 PM | 51.1 | 47.9 | 09:55 PM - 10:00 PM | 45.2 | 44.4 | 12:35 AM - 12:40 AM | 45.5 | 44.9 |
| 07:20 PM - 07:25 PM | 50.8 | 47.8 | 10:00 PM - 10:05 PM | 46.3 | 44.4 | 12:40 AM - 12:45 AM | 45.1 | 44.8 |
| 07:25 PM - 07:30 PM | 53.6 | 47.9 | 10:05 PM - 10:10 PM | 47.2 | 44.7 | 12:45 AM - 12:50 AM | 46.0 | 44.3 |
| 07:30 PM - 07:35 PM | 52.1 | 48.4 | 10:10 PM - 10:15 PM | 46.2 | 44.8 | 12:50 AM - 12:55 AM | 45.0 | 44.3 |
| 07:35 PM - 07:40 PM | 56.9 | 48.3 | 10:15 PM - 10:20 PM | 45.5 | 44.7 | 12:55 AM - 01:00 AM | 46.8 | 45.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854758-1



**Sample Number** 23128868-22
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 AM - 01:05 AM | 45.4 | 45.0 | 03:40 AM - 03:45 AM | 44.6 | 43.8 | 06:20 AM - 06:25 AM | 47.5 | 43.9 |
| 01:05 AM - 01:10 AM | 47.3 | 44.5 | 03:45 AM - 03:50 AM | 43.9 | 43.4 | 06:25 AM - 06:30 AM | 50.9 | 44.1 |
| 01:10 AM - 01:15 AM | 44.9 | 44.4 | 03:50 AM - 03:55 AM | 44.7 | 43.9 | 06:30 AM - 06:35 AM | 52.4 | 44.2 |
| 01:15 AM - 01:20 AM | 45.0 | 44.1 | 03:55 AM - 04:00 AM | 45.2 | 44.4 | 06:35 AM - 06:40 AM | 51.3 | 45.4 |
| 01:20 AM - 01:25 AM | 45.4 | 44.6 | 04:00 AM - 04:05 AM | 44.8 | 44.0 | 06:40 AM - 06:45 AM | 51.9 | 46.0 |
| 01:25 AM - 01:30 AM | 45.9 | 44.2 | 04:05 AM - 04:10 AM | 47.0 | 43.8 | 06:45 AM - 06:50 AM | 47.5 | 43.9 |
| 01:30 AM - 01:35 AM | 44.7 | 44.0 | 04:10 AM - 04:15 AM | 44.7 | 43.7 | 06:50 AM - 06:55 AM | 51.0 | 44.4 |
| 01:35 AM - 01:40 AM | 45.9 | 44.2 | 04:15 AM - 04:20 AM | 44.6 | 43.3 | 06:55 AM - 07:00 AM | 52.1 | 45.2 |
| 01:40 AM - 01:45 AM | 44.6 | 43.9 | 04:20 AM - 04:25 AM | 44.9 | 43.6 | 07:00 AM - 07:05 AM | 50.9 | 45.5 |
| 01:45 AM - 01:50 AM | 45.5 | 44.4 | 04:25 AM - 04:30 AM | 45.2 | 43.8 | 07:05 AM - 07:10 AM | 52.4 | 46.1 |
| 01:50 AM - 01:55 AM | 45.3 | 44.8 | 04:30 AM - 04:35 AM | 47.4 | 44.4 | 07:10 AM - 07:15 AM | 54.0 | 46.8 |
| 01:55 AM - 02:00 AM | 44.4 | 43.9 | 04:35 AM - 04:40 AM | 45.6 | 43.8 | 07:15 AM - 07:20 AM | 52.7 | 47.0 |
| 02:00 AM - 02:05 AM | 44.5 | 44.0 | 04:40 AM - 04:45 AM | 44.3 | 43.8 | 07:20 AM - 07:25 AM | 53.8 | 47.1 |
| 02:05 AM - 02:10 AM | 45.7 | 44.8 | 04:45 AM - 04:50 AM | 47.4 | 43.9 | 07:25 AM - 07:30 AM | 53.8 | 47.1 |
| 02:10 AM - 02:15 AM | 45.5 | 44.6 | 04:50 AM - 04:55 AM | 46.6 | 44.1 | 07:30 AM - 07:35 AM | 53.6 | 48.1 |
| 02:15 AM - 02:20 AM | 46.3 | 43.9 | 04:55 AM - 05:00 AM | 50.2 | 43.8 | 07:35 AM - 07:40 AM | 56.1 | 50.6 |
| 02:20 AM - 02:25 AM | 44.7 | 44.0 | 05:00 AM - 05:05 AM | 48.1 | 44.0 | 07:40 AM - 07:45 AM | 55.9 | 47.8 |
| 02:25 AM - 02:30 AM | 44.2 | 43.9 | 05:05 AM - 05:10 AM | 46.6 | 44.2 | 07:45 AM - 07:50 AM | 56.2 | 48.7 |
| 02:30 AM - 02:35 AM | 44.3 | 44.0 | 05:10 AM - 05:15 AM | 47.5 | 44.3 | 07:50 AM - 07:55 AM | 54.6 | 48.9 |
| 02:35 AM - 02:40 AM | 45.9 | 43.9 | 05:15 AM - 05:20 AM | 48.8 | 43.6 | 07:55 AM - 08:00 AM | 51.4 | 46.1 |
| 02:40 AM - 02:45 AM | 44.5 | 44.1 | 05:20 AM - 05:25 AM | 49.3 | 44.1 | 08:00 AM - 08:05 AM | 50.8 | 46.3 |
| 02:45 AM - 02:50 AM | 46.4 | 43.5 | 05:25 AM - 05:30 AM | 49.5 | 44.9 | 08:05 AM - 08:10 AM | 55.9 | 47.4 |
| 02:50 AM - 02:55 AM | 43.8 | 43.4 | 05:30 AM - 05:35 AM | 49.2 | 44.5 | 08:10 AM - 08:15 AM | 50.8 | 46.0 |
| 02:55 AM - 03:00 AM | 44.9 | 43.7 | 05:35 AM - 05:40 AM | 48.9 | 43.7 | 08:15 AM - 08:20 AM | 55.0 | 46.1 |
| 03:00 AM - 03:05 AM | 45.0 | 43.8 | 05:40 AM - 05:45 AM | 49.1 | 43.6 | 08:20 AM - 08:25 AM | 55.8 | 46.9 |
| 03:05 AM - 03:10 AM | 44.2 | 43.9 | 05:45 AM - 05:50 AM | 53.7 | 43.9 | 08:25 AM - 08:30 AM | 52.1 | 46.1 |
| 03:10 AM - 03:15 AM | 44.4 | 44.1 | 05:50 AM - 05:55 AM | 52.4 | 44.2 | 08:30 AM - 08:35 AM | 50.6 | 45.8 |
| 03:15 AM - 03:20 AM | 46.2 | 43.4 | 05:55 AM - 06:00 AM | 50.1 | 43.6 | 08:35 AM - 08:40 AM | 54.2 | 46.1 |
| 03:20 AM - 03:25 AM | 43.8 | 43.2 | 06:00 AM - 06:05 AM | 52.0 | 43.4 | 08:40 AM - 08:45 AM | 55.9 | 44.9 |
| 03:25 AM - 03:30 AM | 43.9 | 43.2 | 06:05 AM - 06:10 AM | 52.1 | 44.2 | 08:45 AM - 08:50 AM | 55.5 | 45.3 |
| 03:30 AM - 03:35 AM | 43.4 | 43.1 | 06:10 AM - 06:15 AM | 49.5 | 44.2 | 08:50 AM - 08:55 AM | 49.7 | 45.4 |
| 03:35 AM - 03:40 AM | 44.0 | 43.4 | 06:15 AM - 06:20 AM | 49.7 | 43.8 | 08:55 AM - 09:00 AM | 54.5 | 45.5 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854759-1



**Sample Number** 23128868-23
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 AM - 09:05 AM | 49.6 | 44.9 | 11:40 AM - 11:45 AM | 53.3 | 42.6 | 02:20 PM - 02:25 PM | 49.8 | 37.3 |
| 09:05 AM - 09:10 AM | 47.4 | 44.6 | 11:45 AM - 11:50 AM | 48.1 | 44.3 | 02:25 PM - 02:30 PM | 47.7 | 37.4 |
| 09:10 AM - 09:15 AM | 49.0 | 44.6 | 11:50 AM - 11:55 AM | 48.9 | 43.8 | 02:30 PM - 02:35 PM | 50.6 | 38.5 |
| 09:15 AM - 09:20 AM | 53.5 | 44.4 | 11:55 AM - 12:00 PM | 50.2 | 42.9 | 02:35 PM - 02:40 PM | 48.5 | 40.5 |
| 09:20 AM - 09:25 AM | 50.1 | 43.4 | 12:00 PM - 12:05 PM | 54.1 | 43.8 | 02:40 PM - 02:45 PM | 49.2 | 40.3 |
| 09:25 AM - 09:30 AM | 55.7 | 44.6 | 12:05 PM - 12:10 PM | 54.3 | 44.6 | 02:45 PM - 02:50 PM | 51.4 | 39.1 |
| 09:30 AM - 09:35 AM | 55.0 | 43.9 | 12:10 PM - 12:15 PM | 54.2 | 42.5 | 02:50 PM - 02:55 PM | 48.6 | 38.6 |
| 09:35 AM - 09:40 AM | 47.2 | 42.8 | 12:15 PM - 12:20 PM | 47.8 | 41.7 | 02:55 PM - 03:00 PM | 45.4 | 37.6 |
| 09:40 AM - 09:45 AM | 49.1 | 42.9 | 12:20 PM - 12:25 PM | 50.9 | 41.7 | 03:00 PM - 03:05 PM | 46.1 | 37.9 |
| 09:45 AM - 09:50 AM | 50.7 | 43.2 | 12:25 PM - 12:30 PM | 50.2 | 41.6 | 03:05 PM - 03:10 PM | 44.2 | 36.5 |
| 09:50 AM - 09:55 AM | 50.0 | 43.3 | 12:30 PM - 12:35 PM | 50.0 | 43.3 | 03:10 PM - 03:15 PM | 45.3 | 38.4 |
| 09:55 AM - 10:00 AM | 50.7 | 43.5 | 12:35 PM - 12:40 PM | 48.3 | 41.9 | 03:15 PM - 03:20 PM | 46.5 | 38.4 |
| 10:00 AM - 10:05 AM | 49.2 | 43.8 | 12:40 PM - 12:45 PM | 48.0 | 42.2 | 03:20 PM - 03:25 PM | 51.0 | 38.2 |
| 10:05 AM - 10:10 AM | 46.9 | 42.5 | 12:45 PM - 12:50 PM | 56.2 | 42.3 | 03:25 PM - 03:30 PM | 54.0 | 42.9 |
| 10:10 AM - 10:15 AM | 47.9 | 42.4 | 12:50 PM - 12:55 PM | 48.1 | 43.3 | 03:30 PM - 03:35 PM | 49.8 | 42.3 |
| 10:15 AM - 10:20 AM | 46.5 | 42.1 | 12:55 PM - 01:00 PM | 47.7 | 44.2 | 03:35 PM - 03:40 PM | 50.6 | 42.2 |
| 10:20 AM - 10:25 AM | 46.2 | 42.0 | 01:00 PM - 01:05 PM | 48.1 | 42.0 | 03:40 PM - 03:45 PM | 58.1 | 44.2 |
| 10:25 AM - 10:30 AM | 51.0 | 44.4 | 01:05 PM - 01:10 PM | 50.4 | 41.4 | 03:45 PM - 03:50 PM | 52.6 | 42.4 |
| 10:30 AM - 10:35 AM | 47.2 | 44.0 | 01:10 PM - 01:15 PM | 49.7 | 42.3 | 03:50 PM - 03:55 PM | 49.6 | 43.5 |
| 10:35 AM - 10:40 AM | 50.4 | 43.1 | 01:15 PM - 01:20 PM | 48.9 | 37.4 | 03:55 PM - 04:00 PM | 47.0 | 43.0 |
| 10:40 AM - 10:45 AM | 49.3 | 42.4 | 01:20 PM - 01:25 PM | 49.2 | 38.6 | 04:00 PM - 04:05 PM | 46.9 | 42.8 |
| 10:45 AM - 10:50 AM | 50.9 | 41.5 | 01:25 PM - 01:30 PM | 47.4 | 40.7 | 04:05 PM - 04:10 PM | 51.3 | 43.9 |
| 10:50 AM - 10:55 AM | 50.5 | 40.0 | 01:30 PM - 01:35 PM | 49.8 | 38.6 | 04:10 PM - 04:15 PM | 52.7 | 45.5 |
| 10:55 AM - 11:00 AM | 50.7 | 38.7 | 01:35 PM - 01:40 PM | 43.6 | 36.3 | 04:15 PM - 04:20 PM | 50.9 | 44.3 |
| 11:00 AM - 11:05 AM | 50.6 | 41.5 | 01:40 PM - 01:45 PM | 50.8 | 39.7 | 04:20 PM - 04:25 PM | 51.5 | 43.9 |
| 11:05 AM - 11:10 AM | 48.7 | 41.6 | 01:45 PM - 01:50 PM | 47.3 | 39.4 | 04:25 PM - 04:30 PM | 53.5 | 44.7 |
| 11:10 AM - 11:15 AM | 48.6 | 39.7 | 01:50 PM - 01:55 PM | 44.0 | 38.3 | 04:30 PM - 04:35 PM | 52.1 | 44.5 |
| 11:15 AM - 11:20 AM | 48.2 | 41.4 | 01:55 PM - 02:00 PM | 45.7 | 37.8 | 04:35 PM - 04:40 PM | 52.0 | 44.8 |
| 11:20 AM - 11:25 AM | 50.4 | 41.1 | 02:00 PM - 02:05 PM | 45.0 | 38.4 | 04:40 PM - 04:45 PM | 55.0 | 48.9 |
| 11:25 AM - 11:30 AM | 53.0 | 41.6 | 02:05 PM - 02:10 PM | 47.1 | 38.4 | 04:45 PM - 04:50 PM | 51.0 | 44.2 |
| 11:30 AM - 11:35 AM | 53.9 | 44.4 | 02:10 PM - 02:15 PM | 47.3 | 38.1 | 04:50 PM - 04:55 PM | 52.2 | 44.9 |
| 11:35 AM - 11:40 AM | 53.5 | 44.3 | 02:15 PM - 02:20 PM | 45.0 | 37.4 | 04:55 PM - 05:00 PM | 51.1 | 44.9 |

Approved by

Sarayuth Jittranont
Assistant General Manager

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854759-1



**Sample Number** 23128868-23
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24 - Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 PM - 05:05 PM | 49.0 | 45.4 | 07:40 PM - 07:45 PM | 54.9 | 47.7 | 10:20 PM - 10:25 PM | 45.7 | 44.7 |
| 05:05 PM - 05:10 PM | 53.9 | 47.7 | 07:45 PM - 07:50 PM | 55.0 | 47.7 | 10:25 PM - 10:30 PM | 45.9 | 45.0 |
| 05:10 PM - 05:15 PM | 54.3 | 47.7 | 07:50 PM - 07:55 PM | 53.7 | 47.1 | 10:30 PM - 10:35 PM | 46.4 | 45.1 |
| 05:15 PM - 05:20 PM | 54.4 | 47.1 | 07:55 PM - 08:00 PM | 54.7 | 47.6 | 10:35 PM - 10:40 PM | 46.4 | 45.2 |
| 05:20 PM - 05:25 PM | 53.4 | 46.9 | 08:00 PM - 08:05 PM | 54.9 | 47.1 | 10:40 PM - 10:45 PM | 45.9 | 44.7 |
| 05:25 PM - 05:30 PM | 53.6 | 46.4 | 08:05 PM - 08:10 PM | 56.6 | 47.5 | 10:45 PM - 10:50 PM | 45.6 | 44.9 |
| 05:30 PM - 05:35 PM | 53.6 | 46.7 | 08:10 PM - 08:15 PM | 56.6 | 47.9 | 10:50 PM - 10:55 PM | 45.1 | 44.5 |
| 05:35 PM - 05:40 PM | 54.6 | 46.0 | 08:15 PM - 08:20 PM | 55.2 | 46.1 | 10:55 PM - 11:00 PM | 44.8 | 43.8 |
| 05:40 PM - 05:45 PM | 49.7 | 45.0 | 08:20 PM - 08:25 PM | 55.5 | 46.8 | 11:00 PM - 11:05 PM | 45.9 | 44.2 |
| 05:45 PM - 05:50 PM | 50.5 | 44.4 | 08:25 PM - 08:30 PM | 52.2 | 46.4 | 11:05 PM - 11:10 PM | 48.2 | 44.1 |
| 05:50 PM - 05:55 PM | 49.7 | 44.0 | 08:30 PM - 08:35 PM | 54.9 | 46.7 | 11:10 PM - 11:15 PM | 45.5 | 44.0 |
| 05:55 PM - 06:00 PM | 50.5 | 42.4 | 08:35 PM - 08:40 PM | 52.5 | 46.2 | 11:15 PM - 11:20 PM | 46.4 | 44.8 |
| 06:00 PM - 06:05 PM | 52.0 | 43.6 | 08:40 PM - 08:45 PM | 54.2 | 46.2 | 11:20 PM - 11:25 PM | 46.6 | 44.6 |
| 06:05 PM - 06:10 PM | 50.7 | 43.3 | 08:45 PM - 08:50 PM | 50.6 | 45.1 | 11:25 PM - 11:30 PM | 46.7 | 44.3 |
| 06:10 PM - 06:15 PM | 52.7 | 44.5 | 08:50 PM - 08:55 PM | 51.7 | 45.2 | 11:30 PM - 11:35 PM | 45.1 | 44.2 |
| 06:15 PM - 06:20 PM | 51.8 | 45.2 | 08:55 PM - 09:00 PM | 49.2 | 45.2 | 11:35 PM - 11:40 PM | 47.3 | 44.3 |
| 06:20 PM - 06:25 PM | 53.1 | 46.8 | 09:00 PM - 09:05 PM | 47.9 | 45.3 | 11:40 PM - 11:45 PM | 48.3 | 44.1 |
| 06:25 PM - 06:30 PM | 53.5 | 47.7 | 09:05 PM - 09:10 PM | 49.0 | 45.4 | 11:45 PM - 11:50 PM | 45.8 | 44.4 |
| 06:30 PM - 06:35 PM | 54.2 | 48.4 | 09:10 PM - 09:15 PM | 53.8 | 46.1 | 11:50 PM - 11:55 PM | 45.3 | 44.5 |
| 06:35 PM - 06:40 PM | 56.3 | 48.9 | 09:15 PM - 09:20 PM | 47.4 | 46.1 | 11:55 PM - 12:00 AM | 45.4 | 44.9 |
| 06:40 PM - 06:45 PM | 55.5 | 47.7 | 09:20 PM - 09:25 PM | 49.5 | 46.2 | 12:00 AM - 12:05 AM | 47.3 | 45.2 |
| 06:45 PM - 06:50 PM | 51.5 | 47.7 | 09:25 PM - 09:30 PM | 46.4 | 45.4 | 12:05 AM - 12:10 AM | 46.3 | 44.5 |
| 06:50 PM - 06:55 PM | 54.3 | 48.1 | 09:30 PM - 09:35 PM | 47.8 | 45.1 | 12:10 AM - 12:15 AM | 47.4 | 44.0 |
| 06:55 PM - 07:00 PM | 53.8 | 47.9 | 09:35 PM - 09:40 PM | 49.2 | 44.9 | 12:15 AM - 12:20 AM | 46.4 | 43.7 |
| 07:00 PM - 07:05 PM | 53.6 | 48.1 | 09:40 PM - 09:45 PM | 50.0 | 44.8 | 12:20 AM - 12:25 AM | 46.9 | 44.5 |
| 07:05 PM - 07:10 PM | 53.6 | 47.9 | 09:45 PM - 09:50 PM | 46.4 | 44.1 | 12:25 AM - 12:30 AM | 45.5 | 44.4 |
| 07:10 PM - 07:15 PM | 54.4 | 48.3 | 09:50 PM - 09:55 PM | 44.8 | 44.0 | 12:30 AM - 12:35 AM | 46.9 | 44.5 |
| 07:15 PM - 07:20 PM | 52.4 | 47.9 | 09:55 PM - 10:00 PM | 46.2 | 44.3 | 12:35 AM - 12:40 AM | 46.4 | 45.1 |
| 07:20 PM - 07:25 PM | 55.0 | 47.8 | 10:00 PM - 10:05 PM | 44.6 | 44.2 | 12:40 AM - 12:45 AM | 45.6 | 44.5 |
| 07:25 PM - 07:30 PM | 51.6 | 47.7 | 10:05 PM - 10:10 PM | 45.6 | 44.6 | 12:45 AM - 12:50 AM | 44.1 | 43.7 |
| 07:30 PM - 07:35 PM | 54.7 | 47.2 | 10:10 PM - 10:15 PM | 45.7 | 44.3 | 12:50 AM - 12:55 AM | 45.8 | 43.6 |
| 07:35 PM - 07:40 PM | 54.9 | 47.8 | 10:15 PM - 10:20 PM | 45.4 | 44.2 | 12:55 AM - 01:00 AM | 45.9 | 43.8 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854759-1



**Sample Number** 23128868-23
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 AM - 01:05 AM | 44.0 | 43.6 | 03:40 AM - 03:45 AM | 45.7 | 45.3 | 06:20 AM - 06:25 AM | 46.9 | 43.9 |
| 01:05 AM - 01:10 AM | 45.4 | 43.4 | 03:45 AM - 03:50 AM | 52.1 | 45.2 | 06:25 AM - 06:30 AM | 50.0 | 43.8 |
| 01:10 AM - 01:15 AM | 44.3 | 43.5 | 03:50 AM - 03:55 AM | 53.1 | 45.3 | 06:30 AM - 06:35 AM | 50.5 | 44.0 |
| 01:15 AM - 01:20 AM | 45.9 | 43.2 | 03:55 AM - 04:00 AM | 45.7 | 44.8 | 06:35 AM - 06:40 AM | 51.7 | 43.6 |
| 01:20 AM - 01:25 AM | 43.8 | 43.4 | 04:00 AM - 04:05 AM | 46.3 | 45.3 | 06:40 AM - 06:45 AM | 50.3 | 43.9 |
| 01:25 AM - 01:30 AM | 44.2 | 43.5 | 04:05 AM - 04:10 AM | 46.6 | 45.5 | 06:45 AM - 06:50 AM | 50.7 | 44.2 |
| 01:30 AM - 01:35 AM | 45.2 | 43.3 | 04:10 AM - 04:15 AM | 45.6 | 44.9 | 06:50 AM - 06:55 AM | 51.4 | 44.9 |
| 01:35 AM - 01:40 AM | 44.3 | 43.4 | 04:15 AM - 04:20 AM | 46.0 | 45.5 | 06:55 AM - 07:00 AM | 51.0 | 44.9 |
| 01:40 AM - 01:45 AM | 46.0 | 44.0 | 04:20 AM - 04:25 AM | 48.6 | 44.9 | 07:00 AM - 07:05 AM | 48.4 | 44.8 |
| 01:45 AM - 01:50 AM | 44.5 | 43.9 | 04:25 AM - 04:30 AM | 48.9 | 45.1 | 07:05 AM - 07:10 AM | 48.9 | 45.5 |
| 01:50 AM - 01:55 AM | 44.6 | 44.3 | 04:30 AM - 04:35 AM | 46.7 | 44.6 | 07:10 AM - 07:15 AM | 51.3 | 45.7 |
| 01:55 AM - 02:00 AM | 44.5 | 44.0 | 04:35 AM - 04:40 AM | 46.1 | 44.0 | 07:15 AM - 07:20 AM | 50.3 | 46.1 |
| 02:00 AM - 02:05 AM | 44.4 | 43.7 | 04:40 AM - 04:45 AM | 46.1 | 44.7 | 07:20 AM - 07:25 AM | 51.5 | 45.4 |
| 02:05 AM - 02:10 AM | 48.7 | 43.4 | 04:45 AM - 04:50 AM | 49.1 | 44.5 | 07:25 AM - 07:30 AM | 50.7 | 45.8 |
| 02:10 AM - 02:15 AM | 44.6 | 43.1 | 04:50 AM - 04:55 AM | 46.9 | 44.3 | 07:30 AM - 07:35 AM | 56.4 | 47.0 |
| 02:15 AM - 02:20 AM | 47.0 | 44.6 | 04:55 AM - 05:00 AM | 46.9 | 43.9 | 07:35 AM - 07:40 AM | 54.1 | 46.9 |
| 02:20 AM - 02:25 AM | 44.9 | 44.6 | 05:00 AM - 05:05 AM | 48.0 | 44.4 | 07:40 AM - 07:45 AM | 53.9 | 46.2 |
| 02:25 AM - 02:30 AM | 44.6 | 43.8 | 05:05 AM - 05:10 AM | 48.5 | 44.5 | 07:45 AM - 07:50 AM | 54.5 | 45.3 |
| 02:30 AM - 02:35 AM | 44.1 | 43.7 | 05:10 AM - 05:15 AM | 46.9 | 44.6 | 07:50 AM - 07:55 AM | 53.5 | 46.1 |
| 02:35 AM - 02:40 AM | 46.6 | 43.8 | 05:15 AM - 05:20 AM | 48.9 | 44.9 | 07:55 AM - 08:00 AM | 50.6 | 45.8 |
| 02:40 AM - 02:45 AM | 44.6 | 43.8 | 05:20 AM - 05:25 AM | 49.6 | 45.0 | 08:00 AM - 08:05 AM | 51.5 | 45.4 |
| 02:45 AM - 02:50 AM | 44.1 | 43.7 | 05:25 AM - 05:30 AM | 49.9 | 44.9 | 08:05 AM - 08:10 AM | 55.6 | 45.5 |
| 02:50 AM - 02:55 AM | 46.3 | 43.8 | 05:30 AM - 05:35 AM | 50.1 | 44.3 | 08:10 AM - 08:15 AM | 59.1 | 46.2 |
| 02:55 AM - 03:00 AM | 47.8 | 44.0 | 05:35 AM - 05:40 AM | 50.1 | 44.2 | 08:15 AM - 08:19 AM | 54.3 | 45.5 |
| 03:00 AM - 03:05 AM | 44.4 | 43.8 | 05:40 AM - 05:45 AM | 51.9 | 44.3 | 08:20 AM - 08:25 AM | 52.9 | 45.5 |
| 03:05 AM - 03:10 AM | 43.8 | 43.3 | 05:45 AM - 05:50 AM | 50.9 | 43.6 | 08:25 AM - 08:30 AM | 52.6 | 44.7 |
| 03:10 AM - 03:15 AM | 44.5 | 43.8 | 05:50 AM - 05:55 AM | 53.7 | 44.3 | 08:30 AM - 08:35 AM | 57.3 | 45.6 |
| 03:15 AM - 03:20 AM | 47.3 | 44.3 | 05:55 AM - 06:00 AM | 51.4 | 44.8 | 08:35 AM - 08:40 AM | 51.5 | 43.7 |
| 03:20 AM - 03:25 AM | 45.4 | 45.1 | 06:00 AM - 06:05 AM | 51.7 | 44.5 | 08:40 AM - 08:45 AM | 48.6 | 42.4 |
| 03:25 AM - 03:30 AM | 45.7 | 44.8 | 06:05 AM - 06:10 AM | 50.8 | 44.5 | 08:45 AM - 08:50 AM | 54.9 | 42.2 |
| 03:30 AM - 03:35 AM | 45.2 | 44.8 | 06:10 AM - 06:15 AM | 47.1 | 44.4 | 08:50 AM - 08:55 AM | 55.8 | 42.7 |
| 03:35 AM - 03:40 AM | 47.8 | 45.0 | 06:15 AM - 06:20 AM | 48.8 | 44.3 | 08:55 AM - 09:00 AM | 48.3 | 41.6 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854760-1



**Sample Number** 23128868-24
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 AM - 09:05 AM | 48.9 | 42.1 | 11:40 AM - 11:45 AM | 47.9 | 44.4 | 02:20 PM - 02:25 PM | 55.1 | 53.3 |
| 09:05 AM - 09:10 AM | 50.5 | 41.9 | 11:45 AM - 11:50 AM | 48.3 | 42.1 | 02:25 PM - 02:30 PM | 50.8 | 42.9 |
| 09:10 AM - 09:15 AM | 51.9 | 44.4 | 11:50 AM - 11:55 AM | 47.2 | 42.6 | 02:30 PM - 02:35 PM | 53.2 | 43.0 |
| 09:15 AM - 09:20 AM | 49.7 | 43.1 | 11:55 AM - 12:00 PM | 55.9 | 41.3 | 02:35 PM - 02:40 PM | 54.4 | 42.5 |
| 09:20 AM - 09:25 AM | 56.6 | 42.6 | 12:00 PM - 12:05 PM | 54.6 | 42.3 | 02:40 PM - 02:45 PM | 53.9 | 44.4 |
| 09:25 AM - 09:30 AM | 52.9 | 43.3 | 12:05 PM - 12:10 PM | 51.0 | 41.6 | 02:45 PM - 02:50 PM | 51.0 | 43.9 |
| 09:30 AM - 09:35 AM | 56.3 | 43.8 | 12:10 PM - 12:15 PM | 48.1 | 43.1 | 02:50 PM - 02:55 PM | 50.7 | 43.9 |
| 09:35 AM - 09:40 AM | 54.2 | 42.6 | 12:15 PM - 12:20 PM | 47.5 | 43.6 | 02:55 PM - 03:00 PM | 51.2 | 42.5 |
| 09:40 AM - 09:45 AM | 47.6 | 39.3 | 12:20 PM - 12:25 PM | 50.5 | 42.6 | 03:00 PM - 03:05 PM | 47.1 | 42.6 |
| 09:45 AM - 09:50 AM | 56.4 | 41.9 | 12:25 PM - 12:30 PM | 48.8 | 42.5 | 03:05 PM - 03:10 PM | 48.2 | 43.0 |
| 09:50 AM - 09:55 AM | 48.9 | 41.1 | 12:30 PM - 12:35 PM | 49.7 | 44.0 | 03:10 PM - 03:15 PM | 51.3 | 43.0 |
| 09:55 AM - 10:00 AM | 47.0 | 39.9 | 12:35 PM - 12:40 PM | 47.2 | 40.6 | 03:15 PM - 03:20 PM | 50.8 | 42.1 |
| 10:00 AM - 10:05 AM | 47.2 | 39.4 | 12:40 PM - 12:45 PM | 48.0 | 39.0 | 03:20 PM - 03:25 PM | 50.4 | 41.8 |
| 10:05 AM - 10:10 AM | 48.8 | 41.2 | 12:45 PM - 12:50 PM | 48.5 | 39.4 | 03:25 PM - 03:30 PM | 51.0 | 41.5 |
| 10:10 AM - 10:15 AM | 52.5 | 40.3 | 12:50 PM - 12:55 PM | 49.6 | 38.8 | 03:30 PM - 03:35 PM | 54.5 | 44.8 |
| 10:15 AM - 10:20 AM | 52.3 | 41.9 | 12:55 PM - 01:00 PM | 51.6 | 38.9 | 03:35 PM - 03:40 PM | 54.6 | 44.5 |
| 10:20 AM - 10:25 AM | 54.9 | 47.4 | 01:00 PM - 01:05 PM | 48.4 | 37.6 | 03:40 PM - 03:45 PM | 53.3 | 44.7 |
| 10:25 AM - 10:30 AM | 48.7 | 42.0 | 01:05 PM - 01:10 PM | 49.1 | 39.5 | 03:45 PM - 03:50 PM | 48.6 | 42.4 |
| 10:30 AM - 10:35 AM | 49.9 | 42.9 | 01:10 PM - 01:15 PM | 46.9 | 37.9 | 03:50 PM - 03:55 PM | 47.0 | 42.0 |
| 10:35 AM - 10:40 AM | 58.0 | 50.6 | 01:15 PM - 01:20 PM | 50.6 | 37.2 | 03:55 PM - 04:00 PM | 48.6 | 42.4 |
| 10:40 AM - 10:45 AM | 52.4 | 49.6 | 01:20 PM - 01:25 PM | 49.9 | 38.1 | 04:00 PM - 04:05 PM | 54.0 | 43.9 |
| 10:45 AM - 10:50 AM | 53.0 | 45.0 | 01:25 PM - 01:30 PM | 51.2 | 36.9 | 04:05 PM - 04:10 PM | 51.3 | 43.9 |
| 10:50 AM - 10:55 AM | 49.4 | 43.2 | 01:30 PM - 01:35 PM | 45.0 | 37.7 | 04:10 PM - 04:15 PM | 49.5 | 43.0 |
| 10:55 AM - 11:00 AM | 54.9 | 42.9 | 01:35 PM - 01:40 PM | 51.1 | 37.7 | 04:15 PM - 04:20 PM | 48.5 | 43.1 |
| 11:00 AM - 11:05 AM | 48.5 | 42.4 | 01:40 PM - 01:45 PM | 47.4 | 38.0 | 04:20 PM - 04:25 PM | 50.6 | 46.1 |
| 11:05 AM - 11:10 AM | 46.0 | 41.2 | 01:45 PM - 01:50 PM | 51.7 | 39.5 | 04:25 PM - 04:30 PM | 52.0 | 45.8 |
| 11:10 AM - 11:15 AM | 51.9 | 43.0 | 01:50 PM - 01:55 PM | 53.6 | 52.6 | 04:30 PM - 04:35 PM | 50.2 | 45.1 |
| 11:15 AM - 11:20 AM | 47.5 | 42.9 | 01:55 PM - 02:00 PM | 55.3 | 53.1 | 04:35 PM - 04:40 PM | 53.8 | 45.6 |
| 11:20 AM - 11:25 AM | 47.0 | 42.2 | 02:00 PM - 02:05 PM | 48.9 | 37.9 | 04:40 PM - 04:45 PM | 52.6 | 45.8 |
| 11:25 AM - 11:30 AM | 45.8 | 42.5 | 02:05 PM - 02:10 PM | 54.0 | 42.5 | 04:45 PM - 04:50 PM | 51.5 | 45.5 |
| 11:30 AM - 11:35 AM | 47.0 | 42.4 | 02:10 PM - 02:15 PM | 55.1 | 43.3 | 04:50 PM - 04:55 PM | 56.2 | 47.6 |
| 11:35 AM - 11:40 AM | 52.2 | 44.0 | 02:15 PM - 02:20 PM | 54.0 | 46.2 | 04:55 PM - 05:00 PM | 55.8 | 47.9 |

Approved by

Sarayuth Jittranont
Assistant General Manager

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854760-1



**Sample Number** 23128868-24
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25 - Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 PM - 05:05 PM | 58.2 | 47.5 | 07:40 PM - 07:45 PM | 55.0 | 48.3 | 10:20 PM - 10:25 PM | 45.8 | 44.1 |
| 05:05 PM - 05:10 PM | 54.1 | 47.0 | 07:45 PM - 07:50 PM | 55.2 | 47.8 | 10:25 PM - 10:30 PM | 45.4 | 44.3 |
| 05:10 PM - 05:15 PM | 52.8 | 45.6 | 07:50 PM - 07:55 PM | 53.3 | 47.3 | 10:30 PM - 10:35 PM | 45.6 | 44.9 |
| 05:15 PM - 05:20 PM | 54.3 | 46.7 | 07:55 PM - 08:00 PM | 52.8 | 47.4 | 10:35 PM - 10:40 PM | 47.4 | 45.1 |
| 05:20 PM - 05:25 PM | 48.8 | 44.1 | 08:00 PM - 08:05 PM | 52.5 | 47.4 | 10:40 PM - 10:45 PM | 48.0 | 45.2 |
| 05:25 PM - 05:30 PM | 53.8 | 45.4 | 08:05 PM - 08:10 PM | 56.9 | 48.1 | 10:45 PM - 10:50 PM | 45.9 | 44.7 |
| 05:30 PM - 05:35 PM | 49.1 | 44.7 | 08:10 PM - 08:15 PM | 55.9 | 48.1 | 10:50 PM - 10:55 PM | 47.7 | 44.9 |
| 05:35 PM - 05:40 PM | 50.5 | 44.5 | 08:15 PM - 08:20 PM | 53.8 | 47.5 | 10:55 PM - 11:00 PM | 46.9 | 45.6 |
| 05:40 PM - 05:45 PM | 49.5 | 44.9 | 08:20 PM - 08:25 PM | 52.5 | 48.0 | 11:00 PM - 11:05 PM | 45.8 | 45.2 |
| 05:45 PM - 05:50 PM | 48.1 | 44.3 | 08:25 PM - 08:30 PM | 51.5 | 47.7 | 11:05 PM - 11:10 PM | 45.5 | 45.0 |
| 05:50 PM - 05:55 PM | 49.3 | 44.2 | 08:30 PM - 08:35 PM | 52.9 | 48.1 | 11:10 PM - 11:15 PM | 45.8 | 45.1 |
| 05:55 PM - 06:00 PM | 58.2 | 44.2 | 08:35 PM - 08:40 PM | 49.6 | 47.4 | 11:15 PM - 11:20 PM | 45.7 | 45.3 |
| 06:00 PM - 06:05 PM | 48.9 | 43.8 | 08:40 PM - 08:45 PM | 48.9 | 45.7 | 11:20 PM - 11:25 PM | 45.5 | 45.1 |
| 06:05 PM - 06:10 PM | 50.3 | 45.2 | 08:45 PM - 08:50 PM | 48.3 | 45.7 | 11:25 PM - 11:30 PM | 45.7 | 44.6 |
| 06:10 PM - 06:15 PM | 53.9 | 46.2 | 08:50 PM - 08:55 PM | 49.6 | 45.1 | 11:30 PM - 11:35 PM | 45.9 | 44.3 |
| 06:15 PM - 06:20 PM | 51.1 | 47.7 | 08:55 PM - 09:00 PM | 49.3 | 44.1 | 11:35 PM - 11:40 PM | 45.5 | 45.2 |
| 06:20 PM - 06:25 PM | 52.2 | 47.7 | 09:00 PM - 09:05 PM | 47.8 | 45.3 | 11:40 PM - 11:45 PM | 46.0 | 45.0 |
| 06:25 PM - 06:30 PM | 51.1 | 48.0 | 09:05 PM - 09:10 PM | 48.6 | 45.3 | 11:45 PM - 11:50 PM | 56.2 | 44.7 |
| 06:30 PM - 06:35 PM | 52.2 | 48.4 | 09:10 PM - 09:15 PM | 50.8 | 44.9 | 11:50 PM - 11:55 PM | 46.0 | 44.8 |
| 06:35 PM - 06:40 PM | 54.2 | 48.6 | 09:15 PM - 09:20 PM | 47.3 | 44.7 | 11:55 PM - 12:00 AM | 45.0 | 44.5 |
| 06:40 PM - 06:45 PM | 52.0 | 48.9 | 09:20 PM - 09:25 PM | 46.9 | 44.6 | 12:00 AM - 12:05 AM | 48.7 | 45.0 |
| 06:45 PM - 06:50 PM | 50.6 | 48.9 | 09:25 PM - 09:30 PM | 46.3 | 44.7 | 12:05 AM - 12:10 AM | 46.3 | 45.0 |
| 06:50 PM - 06:55 PM | 54.4 | 49.8 | 09:30 PM - 09:35 PM | 47.0 | 44.6 | 12:10 AM - 12:15 AM | 46.0 | 45.2 |
| 06:55 PM - 07:00 PM | 54.0 | 49.4 | 09:35 PM - 09:40 PM | 44.3 | 43.8 | 12:15 AM - 12:20 AM | 46.5 | 45.4 |
| 07:00 PM - 07:05 PM | 54.2 | 48.9 | 09:40 PM - 09:45 PM | 45.0 | 44.1 | 12:20 AM - 12:25 AM | 47.2 | 45.3 |
| 07:05 PM - 07:10 PM | 55.2 | 49.2 | 09:45 PM - 09:50 PM | 58.2 | 43.8 | 12:25 AM - 12:30 AM | 46.0 | 45.4 |
| 07:10 PM - 07:15 PM | 51.9 | 48.6 | 09:50 PM - 09:55 PM | 50.2 | 44.6 | 12:30 AM - 12:35 AM | 47.1 | 45.2 |
| 07:15 PM - 07:20 PM | 53.9 | 49.0 | 09:55 PM - 10:00 PM | 46.5 | 45.3 | 12:35 AM - 12:40 AM | 45.9 | 45.0 |
| 07:20 PM - 07:25 PM | 55.3 | 48.5 | 10:00 PM - 10:05 PM | 46.0 | 45.2 | 12:40 AM - 12:45 AM | 45.8 | 45.0 |
| 07:25 PM - 07:30 PM | 53.7 | 48.6 | 10:05 PM - 10:10 PM | 48.3 | 44.9 | 12:45 AM - 12:50 AM | 45.9 | 44.6 |
| 07:30 PM - 07:35 PM | 53.0 | 48.4 | 10:10 PM - 10:15 PM | 44.6 | 44.0 | 12:50 AM - 12:55 AM | 50.3 | 44.9 |
| 07:35 PM - 07:40 PM | 56.5 | 48.4 | 10:15 PM - 10:20 PM | 54.0 | 44.3 | 12:55 AM - 01:00 AM | 46.8 | 44.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854760-1



**Sample Number** 23128868-24
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 AM - 01:05 AM | 44.7 | 44.3 | 03:40 AM - 03:45 AM | 43.9 | 43.6 | 06:20 AM - 06:25 AM | 50.6 | 44.2 |
| 01:05 AM - 01:10 AM | 45.1 | 44.4 | 03:45 AM - 03:50 AM | 44.0 | 43.3 | 06:25 AM - 06:30 AM | 50.1 | 44.9 |
| 01:10 AM - 01:15 AM | 46.3 | 44.7 | 03:50 AM - 03:55 AM | 45.4 | 43.9 | 06:30 AM - 06:35 AM | 50.7 | 45.9 |
| 01:15 AM - 01:20 AM | 45.7 | 44.4 | 03:55 AM - 04:00 AM | 44.1 | 43.7 | 06:35 AM - 06:40 AM | 50.1 | 45.3 |
| 01:20 AM - 01:25 AM | 47.1 | 44.5 | 04:00 AM - 04:05 AM | 45.5 | 43.5 | 06:40 AM - 06:45 AM | 49.3 | 44.6 |
| 01:25 AM - 01:30 AM | 44.7 | 44.2 | 04:05 AM - 04:10 AM | 47.1 | 44.2 | 06:45 AM - 06:50 AM | 50.2 | 45.2 |
| 01:30 AM - 01:35 AM | 45.0 | 44.5 | 04:10 AM - 04:15 AM | 46.9 | 44.0 | 06:50 AM - 06:55 AM | 52.6 | 45.1 |
| 01:35 AM - 01:40 AM | 46.3 | 44.7 | 04:15 AM - 04:20 AM | 44.9 | 43.3 | 06:55 AM - 07:00 AM | 49.9 | 44.5 |
| 01:40 AM - 01:45 AM | 44.6 | 44.3 | 04:20 AM - 04:25 AM | 45.5 | 43.3 | 07:00 AM - 07:05 AM | 48.3 | 45.1 |
| 01:45 AM - 01:50 AM | 44.7 | 44.4 | 04:25 AM - 04:30 AM | 45.9 | 43.6 | 07:05 AM - 07:10 AM | 63.9 | 33.6 |
| 01:50 AM - 01:55 AM | 44.8 | 44.4 | 04:30 AM - 04:35 AM | 46.9 | 43.7 | 07:10 AM - 07:15 AM | 68.3 | 56.8 |
| 01:55 AM - 02:00 AM | 44.5 | 44.1 | 04:35 AM - 04:40 AM | 43.6 | 42.3 | 07:15 AM - 07:20 AM | 68.4 | 58.7 |
| 02:00 AM - 02:05 AM | 44.7 | 44.0 | 04:40 AM - 04:45 AM | 45.6 | 42.6 | 07:20 AM - 07:25 AM | 68.6 | 59.6 |
| 02:05 AM - 02:10 AM | 44.3 | 44.0 | 04:45 AM - 04:50 AM | 48.0 | 43.5 | 07:25 AM - 07:30 AM | 67.7 | 38.3 |
| 02:10 AM - 02:15 AM | 44.1 | 43.7 | 04:50 AM - 04:55 AM | 45.6 | 42.7 | 07:30 AM - 07:35 AM | 52.0 | 45.3 |
| 02:15 AM - 02:20 AM | 43.9 | 43.5 | 04:55 AM - 05:00 AM | 45.6 | 42.9 | 07:35 AM - 07:40 AM | 51.1 | 45.0 |
| 02:20 AM - 02:25 AM | 44.3 | 43.8 | 05:00 AM - 05:05 AM | 43.7 | 42.9 | 07:40 AM - 07:45 AM | 49.9 | 44.8 |
| 02:25 AM - 02:30 AM | 44.2 | 43.7 | 05:05 AM - 05:10 AM | 44.7 | 43.0 | 07:45 AM - 07:50 AM | 51.3 | 45.0 |
| 02:30 AM - 02:35 AM | 44.5 | 43.3 | 05:10 AM - 05:15 AM | 44.9 | 42.6 | 07:50 AM - 07:55 AM | 51.1 | 44.5 |
| 02:35 AM - 02:40 AM | 43.2 | 42.7 | 05:15 AM - 05:20 AM | 48.8 | 43.2 | 07:55 AM - 08:00 AM | 52.1 | 45.9 |
| 02:40 AM - 02:45 AM | 44.4 | 43.4 | 05:20 AM - 05:25 AM | 46.7 | 42.9 | 08:00 AM - 08:05 AM | 50.5 | 44.4 |
| 02:45 AM - 02:50 AM | 44.0 | 43.4 | 05:25 AM - 05:30 AM | 48.8 | 43.1 | 08:05 AM - 08:10 AM | 59.2 | 46.3 |
| 02:50 AM - 02:55 AM | 44.8 | 44.2 | 05:30 AM - 05:35 AM | 49.2 | 42.8 | 08:10 AM - 08:15 AM | 50.7 | 45.1 |
| 02:55 AM - 03:00 AM | 44.6 | 44.3 | 05:35 AM - 05:40 AM | 47.6 | 43.4 | 08:15 AM - 08:20 AM | 49.1 | 44.3 |
| 03:00 AM - 03:05 AM | 44.7 | 44.4 | 05:40 AM - 05:45 AM | 47.8 | 43.6 | 08:20 AM - 08:25 AM | 55.0 | 45.0 |
| 03:05 AM - 03:10 AM | 44.6 | 44.2 | 05:45 AM - 05:50 AM | 49.8 | 43.2 | 08:25 AM - 08:30 AM | 50.1 | 46.4 |
| 03:10 AM - 03:15 AM | 46.9 | 44.3 | 05:50 AM - 05:55 AM | 48.1 | 43.4 | 08:30 AM - 08:35 AM | 49.5 | 46.2 |
| 03:15 AM - 03:20 AM | 44.6 | 44.1 | 05:55 AM - 06:00 AM | 51.5 | 44.2 | 08:35 AM - 08:40 AM | 48.0 | 43.3 |
| 03:20 AM - 03:25 AM | 44.6 | 44.1 | 06:00 AM - 06:05 AM | 48.4 | 44.3 | 08:40 AM - 08:45 AM | 48.5 | 40.8 |
| 03:25 AM - 03:30 AM | 45.4 | 44.1 | 06:05 AM - 06:10 AM | 52.9 | 44.2 | 08:45 AM - 08:50 AM | 47.2 | 39.8 |
| 03:30 AM - 03:35 AM | 47.1 | 44.0 | 06:10 AM - 06:15 AM | 48.8 | 43.9 | 08:50 AM - 08:55 AM | 44.7 | 37.9 |
| 03:35 AM - 03:40 AM | 46.6 | 43.8 | 06:15 AM - 06:20 AM | 50.0 | 44.0 | 08:55 AM - 09:00 AM | 49.5 | 40.1 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854761-1



**Sample Number** 23128868-25
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 AM - 09:05 AM | 50.6 | 39.6 | 11:40 AM - 11:45 AM | 47.8 | 39.4 | 02:20 PM - 02:25 PM | 48.8 | 42.7 |
| 09:05 AM - 09:10 AM | 46.5 | 38.3 | 11:45 AM - 11:50 AM | 48.6 | 37.4 | 02:25 PM - 02:30 PM | 47.7 | 40.9 |
| 09:10 AM - 09:15 AM | 48.6 | 39.6 | 11:50 AM - 11:55 AM | 47.5 | 37.1 | 02:30 PM - 02:35 PM | 48.5 | 41.5 |
| 09:15 AM - 09:20 AM | 48.4 | 38.7 | 11:55 AM - 12:00 PM | 47.5 | 38.0 | 02:35 PM - 02:40 PM | 51.7 | 38.3 |
| 09:20 AM - 09:25 AM | 44.2 | 38.6 | 12:00 PM - 12:05 PM | 43.8 | 36.2 | 02:40 PM - 02:45 PM | 56.4 | 40.4 |
| 09:25 AM - 09:30 AM | 47.2 | 39.8 | 12:05 PM - 12:10 PM | 48.1 | 38.3 | 02:45 PM - 02:50 PM | 50.8 | 40.2 |
| 09:30 AM - 09:35 AM | 45.6 | 39.3 | 12:10 PM - 12:15 PM | 47.7 | 38.7 | 02:50 PM - 02:55 PM | 53.6 | 42.4 |
| 09:35 AM - 09:40 AM | 52.3 | 39.8 | 12:15 PM - 12:20 PM | 47.5 | 38.2 | 02:55 PM - 03:00 PM | 51.5 | 38.7 |
| 09:40 AM - 09:45 AM | 48.6 | 38.5 | 12:20 PM - 12:25 PM | 44.9 | 37.8 | 03:00 PM - 03:05 PM | 51.7 | 36.3 |
| 09:45 AM - 09:50 AM | 50.9 | 40.9 | 12:25 PM - 12:30 PM | 43.5 | 36.8 | 03:05 PM - 03:10 PM | 44.7 | 36.3 |
| 09:50 AM - 09:55 AM | 46.4 | 41.3 | 12:30 PM - 12:35 PM | 45.9 | 39.7 | 03:10 PM - 03:15 PM | 47.6 | 36.7 |
| 09:55 AM - 10:00 AM | 48.2 | 42.5 | 12:35 PM - 12:40 PM | 47.0 | 37.6 | 03:15 PM - 03:20 PM | 46.4 | 35.9 |
| 10:00 AM - 10:05 AM | 47.9 | 39.7 | 12:40 PM - 12:45 PM | 46.4 | 38.6 | 03:20 PM - 03:25 PM | 46.7 | 38.5 |
| 10:05 AM - 10:10 AM | 46.1 | 41.3 | 12:45 PM - 12:50 PM | 47.7 | 37.7 | 03:25 PM - 03:30 PM | 48.9 | 37.4 |
| 10:10 AM - 10:15 AM | 50.3 | 43.0 | 12:50 PM - 12:55 PM | 47.8 | 37.2 | 03:30 PM - 03:35 PM | 49.9 | 37.9 |
| 10:15 AM - 10:20 AM | 48.8 | 39.8 | 12:55 PM - 01:00 PM | 44.5 | 39.9 | 03:35 PM - 03:40 PM | 48.1 | 38.8 |
| 10:20 AM - 10:25 AM | 49.3 | 39.5 | 01:00 PM - 01:05 PM | 45.6 | 39.4 | 03:40 PM - 03:45 PM | 45.6 | 37.2 |
| 10:25 AM - 10:30 AM | 46.3 | 39.5 | 01:05 PM - 01:10 PM | 49.0 | 38.5 | 03:45 PM - 03:50 PM | 46.4 | 36.3 |
| 10:30 AM - 10:35 AM | 47.5 | 38.1 | 01:10 PM - 01:15 PM | 46.8 | 38.5 | 03:50 PM - 03:55 PM | 48.9 | 37.2 |
| 10:35 AM - 10:40 AM | 47.6 | 41.5 | 01:15 PM - 01:20 PM | 47.6 | 38.8 | 03:55 PM - 04:00 PM | 51.2 | 36.7 |
| 10:40 AM - 10:45 AM | 50.1 | 39.0 | 01:20 PM - 01:25 PM | 46.5 | 36.5 | 04:00 PM - 04:05 PM | 47.4 | 38.7 |
| 10:45 AM - 10:50 AM | 46.2 | 38.4 | 01:25 PM - 01:30 PM | 51.3 | 34.9 | 04:05 PM - 04:10 PM | 45.6 | 37.9 |
| 10:50 AM - 10:55 AM | 52.1 | 37.2 | 01:30 PM - 01:35 PM | 45.9 | 36.4 | 04:10 PM - 04:15 PM | 47.5 | 36.8 |
| 10:55 AM - 11:00 AM | 51.2 | 37.9 | 01:35 PM - 01:40 PM | 47.7 | 35.2 | 04:15 PM - 04:20 PM | 47.7 | 37.1 |
| 11:00 AM - 11:05 AM | 45.8 | 36.7 | 01:40 PM - 01:45 PM | 45.4 | 37.2 | 04:20 PM - 04:25 PM | 45.3 | 38.1 |
| 11:05 AM - 11:10 AM | 46.5 | 36.4 | 01:45 PM - 01:50 PM | 45.8 | 39.8 | 04:25 PM - 04:30 PM | 49.6 | 38.2 |
| 11:10 AM - 11:15 AM | 45.7 | 37.4 | 01:50 PM - 01:55 PM | 48.3 | 40.1 | 04:30 PM - 04:35 PM | 48.2 | 39.3 |
| 11:15 AM - 11:20 AM | 42.9 | 36.0 | 01:55 PM - 02:00 PM | 47.1 | 40.2 | 04:35 PM - 04:40 PM | 47.0 | 38.0 |
| 11:20 AM - 11:25 AM | 44.3 | 37.1 | 02:00 PM - 02:05 PM | 45.7 | 35.3 | 04:40 PM - 04:45 PM | 47.2 | 39.8 |
| 11:25 AM - 11:30 AM | 48.3 | 38.7 | 02:05 PM - 02:10 PM | 46.7 | 41.8 | 04:45 PM - 04:50 PM | 45.3 | 38.0 |
| 11:30 AM - 11:35 AM | 45.0 | 38.7 | 02:10 PM - 02:15 PM | 47.8 | 40.3 | 04:50 PM - 04:55 PM | 47.7 | 38.5 |
| 11:35 AM - 11:40 AM | 46.9 | 38.4 | 02:15 PM - 02:20 PM | 51.1 | 43.5 | 04:55 PM - 05:00 PM | 50.5 | 38.8 |

Approved by

Sarayuth Jittranont
Assistant General Manager

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854761-1



**Sample Number** 23128868-25
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26 - Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 PM - 05:05 PM | 50.9 | 40.5 | 07:40 PM - 07:45 PM | 48.3 | 46.8 | 10:20 PM - 10:25 PM | 46.1 | 41.3 |
| 05:05 PM - 05:10 PM | 49.2 | 42.3 | 07:45 PM - 07:50 PM | 48.5 | 46.0 | 10:25 PM - 10:30 PM | 45.5 | 44.4 |
| 05:10 PM - 05:15 PM | 54.4 | 41.7 | 07:50 PM - 07:55 PM | 47.1 | 45.9 | 10:30 PM - 10:35 PM | 45.8 | 44.9 |
| 05:15 PM - 05:20 PM | 49.4 | 42.1 | 07:55 PM - 08:00 PM | 48.6 | 45.9 | 10:35 PM - 10:40 PM | 47.0 | 45.9 |
| 05:20 PM - 05:25 PM | 49.2 | 41.2 | 08:00 PM - 08:05 PM | 46.9 | 45.5 | 10:40 PM - 10:45 PM | 46.9 | 45.0 |
| 05:25 PM - 05:30 PM | 52.4 | 43.2 | 08:05 PM - 08:10 PM | 49.4 | 45.3 | 10:45 PM - 10:50 PM | 43.5 | 41.1 |
| 05:30 PM - 05:35 PM | 48.3 | 43.9 | 08:10 PM - 08:15 PM | 48.4 | 45.0 | 10:50 PM - 10:55 PM | 54.9 | 49.7 |
| 05:35 PM - 05:40 PM | 47.0 | 41.0 | 08:15 PM - 08:20 PM | 47.6 | 45.0 | 10:55 PM - 11:00 PM | 49.0 | 43.0 |
| 05:40 PM - 05:45 PM | 48.8 | 41.9 | 08:20 PM - 08:25 PM | 48.8 | 45.1 | 11:00 PM - 11:05 PM | 46.9 | 42.2 |
| 05:45 PM - 05:50 PM | 53.7 | 42.6 | 08:25 PM - 08:30 PM | 46.7 | 44.7 | 11:05 PM - 11:10 PM | 42.6 | 39.4 |
| 05:50 PM - 05:55 PM | 50.3 | 40.7 | 08:30 PM - 08:35 PM | 47.3 | 45.2 | 11:10 PM - 11:15 PM | 42.2 | 40.8 |
| 05:55 PM - 06:00 PM | 50.4 | 41.0 | 08:35 PM - 08:40 PM | 47.1 | 45.3 | 11:15 PM - 11:20 PM | 43.4 | 41.4 |
| 06:00 PM - 06:05 PM | 46.4 | 39.7 | 08:40 PM - 08:45 PM | 47.7 | 45.5 | 11:20 PM - 11:25 PM | 43.6 | 42.9 |
| 06:05 PM - 06:10 PM | 51.9 | 40.5 | 08:45 PM - 08:50 PM | 46.5 | 45.3 | 11:25 PM - 11:30 PM | 43.8 | 43.1 |
| 06:10 PM - 06:15 PM | 48.7 | 42.0 | 08:50 PM - 08:55 PM | 45.4 | 44.8 | 11:30 PM - 11:35 PM | 46.4 | 43.6 |
| 06:15 PM - 06:20 PM | 51.1 | 45.4 | 08:55 PM - 09:00 PM | 47.1 | 45.5 | 11:35 PM - 11:40 PM | 43.7 | 43.3 |
| 06:20 PM - 06:25 PM | 51.2 | 45.5 | 09:00 PM - 09:05 PM | 46.3 | 45.3 | 11:40 PM - 11:45 PM | 43.5 | 43.0 |
| 06:25 PM - 06:30 PM | 49.0 | 45.7 | 09:05 PM - 09:10 PM | 46.5 | 45.2 | 11:45 PM - 11:50 PM | 45.6 | 43.6 |
| 06:30 PM - 06:35 PM | 50.4 | 46.1 | 09:10 PM - 09:15 PM | 46.8 | 45.3 | 11:50 PM - 11:55 PM | 47.5 | 43.5 |
| 06:35 PM - 06:40 PM | 50.5 | 46.0 | 09:15 PM - 09:20 PM | 46.2 | 45.5 | 11:55 PM - 12:00 AM | 44.8 | 43.6 |
| 06:40 PM - 06:45 PM | 48.3 | 46.3 | 09:20 PM - 09:25 PM | 46.2 | 45.3 | 12:00 AM - 12:05 AM | 49.9 | 43.4 |
| 06:45 PM - 06:50 PM | 48.5 | 42.8 | 09:25 PM - 09:30 PM | 46.6 | 45.3 | 12:05 AM - 12:10 AM | 46.0 | 44.0 |
| 06:50 PM - 06:55 PM | 47.1 | 42.6 | 09:30 PM - 09:35 PM | 46.1 | 45.3 | 12:10 AM - 12:15 AM | 43.3 | 42.1 |
| 06:55 PM - 07:00 PM | 46.6 | 45.4 | 09:35 PM - 09:40 PM | 46.1 | 45.5 | 12:15 AM - 12:20 AM | 43.5 | 43.2 |
| 07:00 PM - 07:05 PM | 47.5 | 45.7 | 09:40 PM - 09:45 PM | 46.8 | 45.7 | 12:20 AM - 12:25 AM | 43.2 | 37.3 |
| 07:05 PM - 07:10 PM | 48.8 | 46.0 | 09:45 PM - 09:50 PM | 46.0 | 45.1 | 12:25 AM - 12:30 AM | 44.8 | 39.1 |
| 07:10 PM - 07:15 PM | 47.7 | 46.0 | 09:50 PM - 09:55 PM | 46.5 | 45.1 | 12:30 AM - 12:35 AM | 43.0 | 39.2 |
| 07:15 PM - 07:20 PM | 47.2 | 46.0 | 09:55 PM - 10:00 PM | 47.3 | 44.9 | 12:35 AM - 12:40 AM | 41.6 | 40.2 |
| 07:20 PM - 07:25 PM | 47.7 | 46.2 | 10:00 PM - 10:05 PM | 47.1 | 44.7 | 12:40 AM - 12:45 AM | 42.7 | 42.2 |
| 07:25 PM - 07:30 PM | 49.3 | 46.5 | 10:05 PM - 10:10 PM | 47.1 | 44.7 | 12:45 AM - 12:50 AM | 43.7 | 43.0 |
| 07:30 PM - 07:35 PM | 49.8 | 46.4 | 10:10 PM - 10:15 PM | 49.7 | 44.7 | 12:50 AM - 12:55 AM | 44.5 | 43.9 |
| 07:35 PM - 07:40 PM | 49.1 | 47.0 | 10:15 PM - 10:20 PM | 45.5 | 39.1 | 12:55 AM - 01:00 AM | 45.6 | 44.3 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854761-1



**Sample Number** 23128868-25
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 AM - 01:05 AM | 52.9 | 44.4 | 03:40 AM - 03:45 AM | 44.4 | 44.0 | 06:20 AM - 06:25 AM | 51.1 | 44.8 |
| 01:05 AM - 01:10 AM | 44.3 | 43.8 | 03:45 AM - 03:50 AM | 44.1 | 43.6 | 06:25 AM - 06:30 AM | 54.2 | 44.9 |
| 01:10 AM - 01:15 AM | 44.4 | 43.8 | 03:50 AM - 03:55 AM | 46.2 | 43.9 | 06:30 AM - 06:35 AM | 51.7 | 45.4 |
| 01:15 AM - 01:20 AM | 44.9 | 43.7 | 03:55 AM - 04:00 AM | 47.3 | 43.8 | 06:35 AM - 06:40 AM | 51.5 | 45.4 |
| 01:20 AM - 01:25 AM | 44.8 | 44.2 | 04:00 AM - 04:05 AM | 45.6 | 43.8 | 06:40 AM - 06:45 AM | 50.1 | 44.9 |
| 01:25 AM - 01:30 AM | 46.3 | 43.9 | 04:05 AM - 04:10 AM | 44.7 | 44.2 | 06:45 AM - 06:50 AM | 53.4 | 45.6 |
| 01:30 AM - 01:35 AM | 48.4 | 43.9 | 04:10 AM - 04:15 AM | 44.8 | 44.0 | 06:50 AM - 06:55 AM | 50.1 | 45.8 |
| 01:35 AM - 01:40 AM | 45.0 | 44.4 | 04:15 AM - 04:20 AM | 44.4 | 43.4 | 06:55 AM - 07:00 AM | 53.2 | 46.0 |
| 01:40 AM - 01:45 AM | 44.6 | 43.9 | 04:20 AM - 04:25 AM | 46.2 | 43.9 | 07:00 AM - 07:05 AM | 51.2 | 45.4 |
| 01:45 AM - 01:50 AM | 45.8 | 44.1 | 04:25 AM - 04:30 AM | 46.1 | 44.2 | 07:05 AM - 07:10 AM | 52.7 | 45.7 |
| 01:50 AM - 01:55 AM | 44.6 | 43.9 | 04:30 AM - 04:35 AM | 46.1 | 43.8 | 07:10 AM - 07:15 AM | 51.9 | 45.9 |
| 01:55 AM - 02:00 AM | 44.2 | 43.5 | 04:35 AM - 04:40 AM | 51.5 | 43.7 | 07:15 AM - 07:20 AM | 57.8 | 46.5 |
| 02:00 AM - 02:05 AM | 45.0 | 44.5 | 04:40 AM - 04:45 AM | 46.7 | 43.5 | 07:20 AM - 07:25 AM | 54.7 | 45.4 |
| 02:05 AM - 02:10 AM | 45.1 | 44.5 | 04:45 AM - 04:50 AM | 49.8 | 43.2 | 07:25 AM - 07:30 AM | 53.0 | 46.7 |
| 02:10 AM - 02:15 AM | 45.4 | 44.6 | 04:50 AM - 04:55 AM | 46.7 | 43.6 | 07:30 AM - 07:35 AM | 54.3 | 47.9 |
| 02:15 AM - 02:20 AM | 45.7 | 45.3 | 04:55 AM - 05:00 AM | 45.5 | 44.0 | 07:35 AM - 07:40 AM | 57.2 | 47.1 |
| 02:20 AM - 02:25 AM | 45.7 | 44.9 | 05:00 AM - 05:05 AM | 46.7 | 44.5 | 07:40 AM - 07:45 AM | 54.4 | 48.0 |
| 02:25 AM - 02:30 AM | 45.2 | 44.9 | 05:05 AM - 05:10 AM | 45.4 | 44.1 | 07:45 AM - 07:50 AM | 54.4 | 47.5 |
| 02:30 AM - 02:35 AM | 45.8 | 44.9 | 05:10 AM - 05:15 AM | 47.2 | 44.4 | 07:50 AM - 07:55 AM | 54.1 | 47.4 |
| 02:35 AM - 02:40 AM | 45.3 | 44.8 | 05:15 AM - 05:20 AM | 49.6 | 44.4 | 07:55 AM - 08:00 AM | 53.9 | 46.8 |
| 02:40 AM - 02:45 AM | 45.7 | 45.0 | 05:20 AM - 05:25 AM | 49.0 | 43.8 | 08:00 AM - 08:05 AM | 54.8 | 45.7 |
| 02:45 AM - 02:50 AM | 46.4 | 45.1 | 05:25 AM - 05:30 AM | 49.6 | 43.6 | 08:05 AM - 08:10 AM | 53.3 | 44.5 |
| 02:50 AM - 02:55 AM | 45.5 | 44.8 | 05:30 AM - 05:35 AM | 49.6 | 43.9 | 08:10 AM - 08:15 AM | 56.3 | 45.7 |
| 02:55 AM - 03:00 AM | 45.1 | 44.5 | 05:35 AM - 05:40 AM | 49.0 | 43.2 | 08:15 AM - 08:20 AM | 52.6 | 45.8 |
| 03:00 AM - 03:05 AM | 45.4 | 44.8 | 05:40 AM - 05:45 AM | 49.5 | 43.6 | 08:20 AM - 08:25 AM | 52.2 | 46.7 |
| 03:05 AM - 03:10 AM | 44.8 | 44.1 | 05:45 AM - 05:50 AM | 53.8 | 44.4 | 08:25 AM - 08:30 AM | 57.0 | 50.5 |
| 03:10 AM - 03:15 AM | 46.7 | 44.4 | 05:50 AM - 05:55 AM | 50.8 | 44.2 | 08:30 AM - 08:35 AM | 53.6 | 46.7 |
| 03:15 AM - 03:20 AM | 45.3 | 44.9 | 05:55 AM - 06:00 AM | 51.5 | 44.0 | 08:35 AM - 08:40 AM | 51.7 | 45.3 |
| 03:20 AM - 03:25 AM | 45.4 | 44.9 | 06:00 AM - 06:05 AM | 48.3 | 43.9 | 08:40 AM - 08:45 AM | 56.2 | 48.7 |
| 03:25 AM - 03:30 AM | 46.5 | 44.6 | 06:05 AM - 06:10 AM | 50.6 | 43.7 | 08:45 AM - 08:50 AM | 52.5 | 46.1 |
| 03:30 AM - 03:35 AM | 44.8 | 44.1 | 06:10 AM - 06:15 AM | 52.8 | 43.9 | 08:50 AM - 08:55 AM | 50.3 | 46.9 |
| 03:35 AM - 03:40 AM | 44.7 | 44.4 | 06:15 AM - 06:20 AM | 50.3 | 45.1 | 08:55 AM - 09:00 AM | 52.2 | 46.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854762-1



**Sample Number** 23128868-26
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 AM - 09:05 AM | 49.5 | 45.2 | 11:40 AM - 11:45 AM | 49.1 | 42.2 | 02:20 PM - 02:25 PM | 54.8 | 43.6 |
| 09:05 AM - 09:10 AM | 53.2 | 46.0 | 11:45 AM - 11:50 AM | 48.3 | 43.1 | 02:25 PM - 02:30 PM | 52.7 | 43.2 |
| 09:10 AM - 09:15 AM | 50.7 | 46.0 | 11:50 AM - 11:55 AM | 48.1 | 42.5 | 02:30 PM - 02:35 PM | 55.9 | 44.5 |
| 09:15 AM - 09:20 AM | 49.3 | 46.3 | 11:55 AM - 12:00 PM | 49.2 | 44.4 | 02:35 PM - 02:40 PM | 45.7 | 42.5 |
| 09:20 AM - 09:25 AM | 50.2 | 45.4 | 12:00 PM - 12:05 PM | 47.8 | 43.9 | 02:40 PM - 02:45 PM | 48.7 | 43.0 |
| 09:25 AM - 09:30 AM | 58.1 | 45.0 | 12:05 PM - 12:10 PM | 48.8 | 43.6 | 02:45 PM - 02:50 PM | 52.3 | 42.7 |
| 09:30 AM - 09:35 AM | 50.1 | 45.5 | 12:10 PM - 12:15 PM | 51.4 | 43.7 | 02:50 PM - 02:55 PM | 49.6 | 43.8 |
| 09:35 AM - 09:40 AM | 50.4 | 45.8 | 12:15 PM - 12:20 PM | 49.9 | 45.2 | 02:55 PM - 03:00 PM | 51.8 | 43.4 |
| 09:40 AM - 09:45 AM | 47.9 | 44.7 | 12:20 PM - 12:25 PM | 47.7 | 38.9 | 03:00 PM - 03:05 PM | 55.0 | 45.5 |
| 09:45 AM - 09:50 AM | 50.5 | 45.6 | 12:25 PM - 12:30 PM | 49.5 | 38.6 | 03:05 PM - 03:10 PM | 52.4 | 43.5 |
| 09:50 AM - 09:55 AM | 50.8 | 44.9 | 12:30 PM - 12:35 PM | 49.3 | 39.8 | 03:10 PM - 03:15 PM | 48.4 | 42.2 |
| 09:55 AM - 10:00 AM | 51.8 | 46.7 | 12:35 PM - 12:40 PM | 48.4 | 41.8 | 03:15 PM - 03:20 PM | 52.0 | 43.1 |
| 10:00 AM - 10:05 AM | 55.2 | 48.7 | 12:40 PM - 12:45 PM | 50.0 | 43.4 | 03:20 PM - 03:25 PM | 51.1 | 43.2 |
| 10:05 AM - 10:10 AM | 56.2 | 48.8 | 12:45 PM - 12:50 PM | 48.8 | 42.0 | 03:25 PM - 03:30 PM | 55.3 | 48.7 |
| 10:10 AM - 10:15 AM | 51.0 | 44.7 | 12:50 PM - 12:55 PM | 47.5 | 41.5 | 03:30 PM - 03:35 PM | 54.2 | 46.6 |
| 10:15 AM - 10:20 AM | 55.1 | 46.2 | 12:55 PM - 01:00 PM | 47.2 | 38.4 | 03:35 PM - 03:40 PM | 50.9 | 46.3 |
| 10:20 AM - 10:25 AM | 47.8 | 43.0 | 01:00 PM - 01:05 PM | 46.2 | 40.0 | 03:40 PM - 03:45 PM | 50.7 | 44.0 |
| 10:25 AM - 10:30 AM | 49.7 | 43.4 | 01:05 PM - 01:10 PM | 46.4 | 41.1 | 03:45 PM - 03:50 PM | 47.5 | 43.8 |
| 10:30 AM - 10:35 AM | 51.3 | 43.0 | 01:10 PM - 01:15 PM | 45.2 | 38.8 | 03:50 PM - 03:55 PM | 48.8 | 44.0 |
| 10:35 AM - 10:40 AM | 51.9 | 45.8 | 01:15 PM - 01:20 PM | 47.7 | 38.9 | 03:55 PM - 04:00 PM | 48.8 | 43.2 |
| 10:40 AM - 10:45 AM | 49.7 | 42.9 | 01:20 PM - 01:25 PM | 47.8 | 40.2 | 04:00 PM - 04:05 PM | 49.4 | 44.4 |
| 10:45 AM - 10:50 AM | 52.3 | 43.0 | 01:25 PM - 01:30 PM | 47.1 | 42.3 | 04:05 PM - 04:10 PM | 49.9 | 43.6 |
| 10:50 AM - 10:55 AM | 45.7 | 41.9 | 01:30 PM - 01:35 PM | 56.0 | 43.3 | 04:10 PM - 04:15 PM | 50.3 | 44.1 |
| 10:55 AM - 11:00 AM | 48.1 | 42.4 | 01:35 PM - 01:40 PM | 50.5 | 42.0 | 04:15 PM - 04:20 PM | 52.7 | 44.2 |
| 11:00 AM - 11:05 AM | 52.1 | 42.0 | 01:40 PM - 01:45 PM | 55.0 | 43.4 | 04:20 PM - 04:25 PM | 51.0 | 44.2 |
| 11:05 AM - 11:10 AM | 49.0 | 41.3 | 01:45 PM - 01:50 PM | 54.3 | 43.9 | 04:25 PM - 04:30 PM | 51.1 | 45.6 |
| 11:10 AM - 11:15 AM | 47.7 | 38.6 | 01:50 PM - 01:55 PM | 50.8 | 43.9 | 04:30 PM - 04:35 PM | 54.0 | 45.9 |
| 11:15 AM - 11:20 AM | 48.6 | 39.0 | 01:55 PM - 02:00 PM | 51.6 | 43.6 | 04:35 PM - 04:40 PM | 55.8 | 48.3 |
| 11:20 AM - 11:25 AM | 49.2 | 41.8 | 02:00 PM - 02:05 PM | 53.3 | 44.0 | 04:40 PM - 04:45 PM | 57.0 | 49.4 |
| 11:25 AM - 11:30 AM | 57.2 | 52.6 | 02:05 PM - 02:10 PM | 55.1 | 45.0 | 04:45 PM - 04:50 PM | 55.8 | 50.6 |
| 11:30 AM - 11:35 AM | 54.4 | 42.2 | 02:10 PM - 02:15 PM | 48.9 | 43.3 | 04:50 PM - 04:55 PM | 57.2 | 51.3 |
| 11:35 AM - 11:40 AM | 55.0 | 42.5 | 02:15 PM - 02:20 PM | 52.5 | 44.8 | 04:55 PM - 05:00 PM | 56.1 | 49.9 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854762-1



**Sample Number** 23128868-26
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27 - Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 PM - 05:05 PM | 58.3 | 52.3 | 07:40 PM - 07:45 PM | 55.3 | 51.6 | 10:20 PM - 10:25 PM | 50.2 | 47.5 |
| 05:05 PM - 05:10 PM | 59.9 | 54.4 | 07:45 PM - 07:50 PM | 55.7 | 51.1 | 10:25 PM - 10:30 PM | 49.8 | 47.3 |
| 05:10 PM - 05:15 PM | 58.6 | 53.0 | 07:50 PM - 07:55 PM | 53.7 | 50.2 | 10:30 PM - 10:35 PM | 47.7 | 45.6 |
| 05:15 PM - 05:20 PM | 58.5 | 49.8 | 07:55 PM - 08:00 PM | 54.5 | 50.4 | 10:35 PM - 10:40 PM | 50.3 | 44.9 |
| 05:20 PM - 05:25 PM | 54.2 | 47.5 | 08:00 PM - 08:05 PM | 53.9 | 49.2 | 10:40 PM - 10:45 PM | 47.9 | 44.9 |
| 05:25 PM - 05:30 PM | 57.3 | 48.2 | 08:05 PM - 08:10 PM | 55.8 | 51.4 | 10:45 PM - 10:50 PM | 46.1 | 44.7 |
| 05:30 PM - 05:35 PM | 58.9 | 52.3 | 08:10 PM - 08:15 PM | 59.3 | 51.0 | 10:50 PM - 10:55 PM | 48.1 | 44.9 |
| 05:35 PM - 05:40 PM | 57.5 | 49.5 | 08:15 PM - 08:20 PM | 53.8 | 48.4 | 10:55 PM - 11:00 PM | 46.5 | 45.0 |
| 05:40 PM - 05:45 PM | 53.5 | 47.9 | 08:20 PM - 08:25 PM | 52.8 | 47.7 | 11:00 PM - 11:05 PM | 47.2 | 44.4 |
| 05:45 PM - 05:50 PM | 53.6 | 48.2 | 08:25 PM - 08:30 PM | 55.5 | 48.3 | 11:05 PM - 11:10 PM | 46.0 | 44.3 |
| 05:50 PM - 05:55 PM | 53.0 | 47.4 | 08:30 PM - 08:35 PM | 52.5 | 48.0 | 11:10 PM - 11:15 PM | 46.3 | 44.2 |
| 05:55 PM - 06:00 PM | 51.9 | 43.7 | 08:35 PM - 08:40 PM | 51.7 | 49.3 | 11:15 PM - 11:20 PM | 45.7 | 44.6 |
| 06:00 PM - 06:05 PM | 53.1 | 43.8 | 08:40 PM - 08:45 PM | 53.0 | 50.5 | 11:20 PM - 11:25 PM | 46.3 | 44.7 |
| 06:05 PM - 06:10 PM | 53.3 | 44.0 | 08:45 PM - 08:50 PM | 53.5 | 51.1 | 11:25 PM - 11:30 PM | 45.9 | 45.0 |
| 06:10 PM - 06:15 PM | 50.8 | 45.0 | 08:50 PM - 08:55 PM | 53.1 | 48.1 | 11:30 PM - 11:35 PM | 46.5 | 44.9 |
| 06:15 PM - 06:20 PM | 64.6 | 46.3 | 08:55 PM - 09:00 PM | 49.9 | 46.8 | 11:35 PM - 11:40 PM | 47.9 | 44.6 |
| 06:20 PM - 06:25 PM | 54.9 | 50.2 | 09:00 PM - 09:05 PM | 55.2 | 46.8 | 11:40 PM - 11:45 PM | 48.6 | 43.9 |
| 06:25 PM - 06:30 PM | 54.4 | 52.0 | 09:05 PM - 09:10 PM | 51.6 | 47.6 | 11:45 PM - 11:50 PM | 45.9 | 44.8 |
| 06:30 PM - 06:35 PM | 54.0 | 51.2 | 09:10 PM - 09:15 PM | 51.2 | 47.5 | 11:50 PM - 11:55 PM | 45.7 | 44.5 |
| 06:35 PM - 06:40 PM | 52.2 | 49.3 | 09:15 PM - 09:20 PM | 50.8 | 47.6 | 11:55 PM - 12:00 AM | 47.4 | 45.1 |
| 06:40 PM - 06:45 PM | 52.9 | 48.4 | 09:20 PM - 09:25 PM | 50.4 | 46.8 | 12:00 AM - 12:05 AM | 49.5 | 44.6 |
| 06:45 PM - 06:50 PM | 52.6 | 49.3 | 09:25 PM - 09:30 PM | 50.8 | 46.5 | 12:05 AM - 12:10 AM | 46.4 | 43.9 |
| 06:50 PM - 06:55 PM | 54.8 | 49.3 | 09:30 PM - 09:35 PM | 51.2 | 46.9 | 12:10 AM - 12:15 AM | 46.2 | 44.3 |
| 06:55 PM - 07:00 PM | 53.7 | 50.8 | 09:35 PM - 09:40 PM | 50.1 | 47.0 | 12:15 AM - 12:20 AM | 46.4 | 44.1 |
| 07:00 PM - 07:05 PM | 53.4 | 50.2 | 09:40 PM - 09:45 PM | 50.7 | 47.0 | 12:20 AM - 12:25 AM | 47.4 | 44.2 |
| 07:05 PM - 07:10 PM | 54.3 | 50.7 | 09:45 PM - 09:50 PM | 52.0 | 48.0 | 12:25 AM - 12:30 AM | 48.2 | 44.0 |
| 07:10 PM - 07:15 PM | 52.7 | 49.9 | 09:50 PM - 09:55 PM | 52.0 | 49.1 | 12:30 AM - 12:35 AM | 47.5 | 43.9 |
| 07:15 PM - 07:20 PM | 55.5 | 51.7 | 09:55 PM - 10:00 PM | 49.0 | 47.2 | 12:35 AM - 12:40 AM | 45.1 | 43.3 |
| 07:20 PM - 07:25 PM | 52.8 | 48.2 | 10:00 PM - 10:05 PM | 48.4 | 46.7 | 12:40 AM - 12:45 AM | 43.7 | 42.8 |
| 07:25 PM - 07:30 PM | 53.5 | 50.1 | 10:05 PM - 10:10 PM | 48.8 | 46.6 | 12:45 AM - 12:50 AM | 48.0 | 42.6 |
| 07:30 PM - 07:35 PM | 54.3 | 49.6 | 10:10 PM - 10:15 PM | 48.9 | 46.5 | 12:50 AM - 12:55 AM | 49.7 | 43.1 |
| 07:35 PM - 07:40 PM | 56.3 | 51.0 | 10:15 PM - 10:20 PM | 49.0 | 47.2 | 12:55 AM - 01:00 AM | 44.4 | 43.3 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854762-1



**Sample Number** 23128868-26
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 AM - 01:05 AM | 44.8 | 43.2 | 03:40 AM - 03:45 AM | 45.6 | 42.2 | 06:20 AM - 06:25 AM | 48.5 | 43.1 |
| 01:05 AM - 01:10 AM | 43.7 | 43.1 | 03:45 AM - 03:50 AM | 44.5 | 42.2 | 06:25 AM - 06:30 AM | 53.7 | 43.1 |
| 01:10 AM - 01:15 AM | 47.4 | 43.1 | 03:50 AM - 03:55 AM | 43.0 | 42.5 | 06:30 AM - 06:35 AM | 47.9 | 42.8 |
| 01:15 AM - 01:20 AM | 47.4 | 43.3 | 03:55 AM - 04:00 AM | 43.4 | 42.8 | 06:35 AM - 06:40 AM | 52.3 | 44.4 |
| 01:20 AM - 01:25 AM | 44.1 | 42.5 | 04:00 AM - 04:05 AM | 44.3 | 43.0 | 06:40 AM - 06:45 AM | 54.2 | 45.1 |
| 01:25 AM - 01:30 AM | 43.0 | 42.5 | 04:05 AM - 04:10 AM | 43.9 | 42.8 | 06:45 AM - 06:50 AM | 49.3 | 44.2 |
| 01:30 AM - 01:35 AM | 44.2 | 42.8 | 04:10 AM - 04:15 AM | 44.2 | 42.5 | 06:50 AM - 06:55 AM | 53.5 | 43.7 |
| 01:35 AM - 01:40 AM | 45.0 | 42.5 | 04:15 AM - 04:20 AM | 47.0 | 42.8 | 06:55 AM - 07:00 AM | 51.8 | 44.8 |
| 01:40 AM - 01:45 AM | 44.0 | 42.9 | 04:20 AM - 04:25 AM | 47.7 | 42.3 | 07:00 AM - 07:05 AM | 51.5 | 44.9 |
| 01:45 AM - 01:50 AM | 43.6 | 42.8 | 04:25 AM - 04:30 AM | 45.8 | 42.4 | 07:05 AM - 07:10 AM | 53.1 | 45.1 |
| 01:50 AM - 01:55 AM | 43.4 | 42.8 | 04:30 AM - 04:35 AM | 46.3 | 42.3 | 07:10 AM - 07:15 AM | 53.5 | 47.9 |
| 01:55 AM - 02:00 AM | 43.5 | 42.6 | 04:35 AM - 04:40 AM | 44.8 | 42.2 | 07:15 AM - 07:20 AM | 53.0 | 46.4 |
| 02:00 AM - 02:05 AM | 43.8 | 42.9 | 04:40 AM - 04:45 AM | 45.2 | 41.9 | 07:20 AM - 07:25 AM | 52.4 | 46.3 |
| 02:05 AM - 02:10 AM | 43.0 | 42.1 | 04:45 AM - 04:50 AM | 48.3 | 42.3 | 07:25 AM - 07:30 AM | 52.6 | 47.6 |
| 02:10 AM - 02:15 AM | 44.8 | 42.4 | 04:50 AM - 04:55 AM | 48.3 | 42.5 | 07:30 AM - 07:35 AM | 54.4 | 47.0 |
| 02:15 AM - 02:20 AM | 43.7 | 42.8 | 04:55 AM - 05:00 AM | 44.9 | 42.1 | 07:35 AM - 07:40 AM | 54.3 | 47.4 |
| 02:20 AM - 02:25 AM | 43.6 | 42.2 | 05:00 AM - 05:05 AM | 47.6 | 42.3 | 07:40 AM - 07:45 AM | 55.4 | 48.2 |
| 02:25 AM - 02:30 AM | 43.0 | 42.3 | 05:05 AM - 05:10 AM | 51.3 | 42.4 | 07:45 AM - 07:50 AM | 56.8 | 48.3 |
| 02:30 AM - 02:35 AM | 45.4 | 42.5 | 05:10 AM - 05:15 AM | 49.6 | 42.6 | 07:50 AM - 07:55 AM | 57.6 | 48.1 |
| 02:35 AM - 02:40 AM | 43.5 | 42.3 | 05:15 AM - 05:20 AM | 49.0 | 42.9 | 07:55 AM - 08:00 AM | 55.4 | 46.8 |
| 02:40 AM - 02:45 AM | 43.7 | 42.2 | 05:20 AM - 05:25 AM | 48.3 | 42.8 | 08:00 AM - 08:05 AM | 54.3 | 45.4 |
| 02:45 AM - 02:50 AM | 42.9 | 42.1 | 05:25 AM - 05:30 AM | 48.8 | 43.0 | 08:05 AM - 08:10 AM | 54.7 | 44.9 |
| 02:50 AM - 02:55 AM | 43.0 | 42.4 | 05:30 AM - 05:35 AM | 49.2 | 42.5 | 08:10 AM - 08:15 AM | 51.9 | 45.3 |
| 02:55 AM - 03:00 AM | 43.2 | 42.6 | 05:35 AM - 05:40 AM | 48.0 | 42.1 | 08:15 AM - 08:20 AM | 52.9 | 45.1 |
| 03:00 AM - 03:05 AM | 43.5 | 43.0 | 05:40 AM - 05:45 AM | 49.0 | 42.9 | 08:20 AM - 08:25 AM | 53.8 | 45.3 |
| 03:05 AM - 03:10 AM | 46.4 | 43.3 | 05:45 AM - 05:50 AM | 50.9 | 43.1 | 08:25 AM - 08:30 AM | 54.4 | 47.3 |
| 03:10 AM - 03:15 AM | 44.6 | 43.2 | 05:50 AM - 05:55 AM | 52.6 | 42.8 | 08:30 AM - 08:35 AM | 50.9 | 45.3 |
| 03:15 AM - 03:20 AM | 43.7 | 42.6 | 05:55 AM - 06:00 AM | 53.5 | 43.8 | 08:35 AM - 08:40 AM | 55.0 | 44.0 |
| 03:20 AM - 03:25 AM | 43.1 | 42.6 | 06:00 AM - 06:05 AM | 52.5 | 43.5 | 08:40 AM - 08:45 AM | 49.2 | 43.4 |
| 03:25 AM - 03:30 AM | 43.4 | 42.8 | 06:05 AM - 06:10 AM | 47.8 | 42.7 | 08:45 AM - 08:50 AM | 49.3 | 43.8 |
| 03:30 AM - 03:35 AM | 44.0 | 43.2 | 06:10 AM - 06:15 AM | 53.0 | 43.3 | 08:50 AM - 08:55 AM | 49.6 | 43.5 |
| 03:35 AM - 03:40 AM | 45.2 | 42.9 | 06:15 AM - 06:20 AM | 48.6 | 43.0 | 08:55 AM - 09:00 AM | 48.5 | 43.0 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854763-1



**Sample Number** 23128868-27
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 AM - 09:05 AM | 48.0 | 42.3 | 11:40 AM - 11:45 AM | 51.7 | 44.1 | 02:20 PM - 02:25 PM | 46.9 | 42.9 |
| 09:05 AM - 09:10 AM | 47.2 | 42.3 | 11:45 AM - 11:50 AM | 48.3 | 43.7 | 02:25 PM - 02:30 PM | 49.8 | 42.8 |
| 09:10 AM - 09:15 AM | 51.7 | 41.6 | 11:50 AM - 11:55 AM | 52.5 | 42.4 | 02:30 PM - 02:35 PM | 47.4 | 42.9 |
| 09:15 AM - 09:20 AM | 48.0 | 41.4 | 11:55 AM - 12:00 PM | 48.4 | 42.0 | 02:35 PM - 02:40 PM | 46.4 | 42.2 |
| 09:20 AM - 09:25 AM | 51.4 | 41.0 | 12:00 PM - 12:05 PM | 51.4 | 44.4 | 02:40 PM - 02:45 PM | 53.9 | 43.8 |
| 09:25 AM - 09:30 AM | 50.2 | 41.5 | 12:05 PM - 12:10 PM | 50.1 | 43.6 | 02:45 PM - 02:50 PM | 55.4 | 45.1 |
| 09:30 AM - 09:35 AM | 49.1 | 42.0 | 12:10 PM - 12:15 PM | 55.6 | 42.5 | 02:50 PM - 02:55 PM | 52.2 | 43.3 |
| 09:35 AM - 09:40 AM | 55.7 | 48.1 | 12:15 PM - 12:20 PM | 47.0 | 42.7 | 02:55 PM - 03:00 PM | 45.7 | 42.8 |
| 09:40 AM - 09:45 AM | 51.7 | 43.1 | 12:20 PM - 12:25 PM | 51.1 | 43.8 | 03:00 PM - 03:05 PM | 51.8 | 43.2 |
| 09:45 AM - 09:50 AM | 47.6 | 42.6 | 12:25 PM - 12:30 PM | 49.9 | 42.9 | 03:05 PM - 03:10 PM | 45.7 | 42.6 |
| 09:50 AM - 09:55 AM | 55.3 | 42.9 | 12:30 PM - 12:35 PM | 52.4 | 43.3 | 03:10 PM - 03:15 PM | 51.1 | 43.4 |
| 09:55 AM - 10:00 AM | 48.5 | 43.0 | 12:35 PM - 12:40 PM | 47.9 | 43.7 | 03:15 PM - 03:20 PM | 50.0 | 42.6 |
| 10:00 AM - 10:05 AM | 45.9 | 42.5 | 12:40 PM - 12:45 PM | 47.4 | 42.6 | 03:20 PM - 03:25 PM | 55.2 | 44.5 |
| 10:05 AM - 10:10 AM | 48.7 | 43.0 | 12:45 PM - 12:50 PM | 47.7 | 42.7 | 03:25 PM - 03:30 PM | 49.6 | 43.8 |
| 10:10 AM - 10:15 AM | 51.5 | 43.0 | 12:50 PM - 12:55 PM | 45.6 | 42.6 | 03:30 PM - 03:35 PM | 51.2 | 43.8 |
| 10:15 AM - 10:20 AM | 57.5 | 43.8 | 12:55 PM - 01:00 PM | 51.8 | 44.1 | 03:35 PM - 03:40 PM | 53.4 | 44.5 |
| 10:20 AM - 10:25 AM | 53.7 | 45.9 | 01:00 PM - 01:05 PM | 48.0 | 42.8 | 03:40 PM - 03:45 PM | 51.3 | 44.6 |
| 10:25 AM - 10:30 AM | 55.0 | 49.4 | 01:05 PM - 01:10 PM | 51.1 | 41.7 | 03:45 PM - 03:50 PM | 49.7 | 44.5 |
| 10:30 AM - 10:35 AM | 49.7 | 45.0 | 01:10 PM - 01:15 PM | 48.1 | 38.4 | 03:50 PM - 03:55 PM | 51.0 | 44.4 |
| 10:35 AM - 10:40 AM | 55.7 | 45.2 | 01:15 PM - 01:20 PM | 49.8 | 39.7 | 03:55 PM - 04:00 PM | 49.6 | 44.6 |
| 10:40 AM - 10:45 AM | 52.5 | 43.7 | 01:20 PM - 01:25 PM | 48.8 | 38.8 | 04:00 PM - 04:05 PM | 51.6 | 45.1 |
| 10:45 AM - 10:50 AM | 55.0 | 47.6 | 01:25 PM - 01:30 PM | 45.9 | 39.6 | 04:05 PM - 04:10 PM | 47.7 | 45.3 |
| 10:50 AM - 10:55 AM | 54.9 | 43.2 | 01:30 PM - 01:35 PM | 46.8 | 40.4 | 04:10 PM - 04:15 PM | 50.0 | 46.0 |
| 10:55 AM - 11:00 AM | 49.2 | 43.7 | 01:35 PM - 01:40 PM | 51.5 | 41.5 | 04:15 PM - 04:20 PM | 49.5 | 46.2 |
| 11:00 AM - 11:05 AM | 53.1 | 43.6 | 01:40 PM - 01:45 PM | 53.1 | 41.8 | 04:20 PM - 04:25 PM | 51.0 | 45.4 |
| 11:05 AM - 11:10 AM | 47.4 | 43.0 | 01:45 PM - 01:50 PM | 55.6 | 44.9 | 04:25 PM - 04:30 PM | 52.8 | 45.3 |
| 11:10 AM - 11:15 AM | 47.0 | 42.9 | 01:50 PM - 01:55 PM | 58.3 | 52.2 | 04:30 PM - 04:35 PM | 58.8 | 45.0 |
| 11:15 AM - 11:20 AM | 48.3 | 43.7 | 01:55 PM - 02:00 PM | 54.8 | 43.5 | 04:35 PM - 04:40 PM | 60.1 | 46.8 |
| 11:20 AM - 11:25 AM | 48.0 | 44.4 | 02:00 PM - 02:05 PM | 50.3 | 43.0 | 04:40 PM - 04:45 PM | 55.0 | 45.4 |
| 11:25 AM - 11:30 AM | 51.4 | 44.6 | 02:05 PM - 02:10 PM | 54.9 | 44.0 | 04:45 PM - 04:50 PM | 52.5 | 44.7 |
| 11:30 AM - 11:35 AM | 50.2 | 44.7 | 02:10 PM - 02:15 PM | 50.1 | 43.1 | 04:50 PM - 04:55 PM | 52.2 | 43.6 |
| 11:35 AM - 11:40 AM | 48.2 | 44.5 | 02:15 PM - 02:20 PM | 47.2 | 42.8 | 04:55 PM - 05:00 PM | 51.4 | 44.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854763-1



**Sample Number** 23128868-27
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28 - Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 PM - 05:05 PM | 55.4 | 44.1 | 07:40 PM - 07:45 PM | 55.0 | 47.3 | 10:20 PM - 10:25 PM | 44.7 | 43.9 |
| 05:05 PM - 05:10 PM | 53.9 | 46.9 | 07:45 PM - 07:50 PM | 52.0 | 46.7 | 10:25 PM - 10:30 PM | 44.3 | 43.6 |
| 05:10 PM - 05:15 PM | 53.7 | 46.7 | 07:50 PM - 07:55 PM | 52.2 | 46.2 | 10:30 PM - 10:35 PM | 44.1 | 43.2 |
| 05:15 PM - 05:20 PM | 55.0 | 45.1 | 07:55 PM - 08:00 PM | 52.5 | 46.6 | 10:35 PM - 10:40 PM | 45.7 | 42.9 |
| 05:20 PM - 05:25 PM | 50.5 | 44.2 | 08:00 PM - 08:05 PM | 51.9 | 46.5 | 10:40 PM - 10:45 PM | 44.1 | 43.3 |
| 05:25 PM - 05:30 PM | 56.7 | 44.8 | 08:05 PM - 08:10 PM | 61.2 | 48.6 | 10:45 PM - 10:50 PM | 44.7 | 43.7 |
| 05:30 PM - 05:35 PM | 50.6 | 44.6 | 08:10 PM - 08:15 PM | 58.5 | 48.2 | 10:50 PM - 10:55 PM | 44.0 | 43.4 |
| 05:35 PM - 05:40 PM | 54.2 | 45.5 | 08:15 PM - 08:20 PM | 53.5 | 47.8 | 10:55 PM - 11:00 PM | 44.2 | 43.3 |
| 05:40 PM - 05:45 PM | 52.6 | 44.0 | 08:20 PM - 08:25 PM | 53.3 | 47.2 | 11:00 PM - 11:05 PM | 49.6 | 43.2 |
| 05:45 PM - 05:50 PM | 49.3 | 43.8 | 08:25 PM - 08:30 PM | 52.1 | 46.1 | 11:05 PM - 11:10 PM | 44.6 | 43.3 |
| 05:50 PM - 05:55 PM | 49.2 | 42.5 | 08:30 PM - 08:35 PM | 52.9 | 46.3 | 11:10 PM - 11:15 PM | 45.4 | 43.1 |
| 05:55 PM - 06:00 PM | 48.8 | 42.2 | 08:35 PM - 08:40 PM | 50.2 | 45.5 | 11:15 PM - 11:20 PM | 44.9 | 43.0 |
| 06:00 PM - 06:05 PM | 54.0 | 43.0 | 08:40 PM - 08:45 PM | 51.1 | 45.1 | 11:20 PM - 11:25 PM | 43.3 | 42.6 |
| 06:05 PM - 06:10 PM | 50.2 | 42.3 | 08:45 PM - 08:50 PM | 50.8 | 45.6 | 11:25 PM - 11:30 PM | 43.4 | 42.8 |
| 06:10 PM - 06:15 PM | 49.1 | 43.0 | 08:50 PM - 08:55 PM | 52.0 | 44.8 | 11:30 PM - 11:35 PM | 43.4 | 42.9 |
| 06:15 PM - 06:20 PM | 51.8 | 44.6 | 08:55 PM - 09:00 PM | 47.8 | 44.9 | 11:35 PM - 11:40 PM | 43.7 | 42.7 |
| 06:20 PM - 06:25 PM | 49.0 | 44.6 | 09:00 PM - 09:05 PM | 48.4 | 44.9 | 11:40 PM - 11:45 PM | 43.6 | 42.7 |
| 06:25 PM - 06:30 PM | 51.4 | 45.9 | 09:05 PM - 09:10 PM | 48.3 | 44.8 | 11:45 PM - 11:50 PM | 43.9 | 42.7 |
| 06:30 PM - 06:35 PM | 53.8 | 45.9 | 09:10 PM - 09:15 PM | 45.2 | 43.5 | 11:50 PM - 11:55 PM | 46.3 | 42.5 |
| 06:35 PM - 06:40 PM | 51.1 | 46.8 | 09:15 PM - 09:20 PM | 44.3 | 43.0 | 11:55 PM - 12:00 AM | 44.5 | 43.5 |
| 06:40 PM - 06:45 PM | 49.0 | 46.2 | 09:20 PM - 09:25 PM | 44.6 | 42.5 | 12:00 AM - 12:05 AM | 44.1 | 43.3 |
| 06:45 PM - 06:50 PM | 51.1 | 46.4 | 09:25 PM - 09:30 PM | 53.3 | 42.5 | 12:05 AM - 12:10 AM | 44.6 | 42.9 |
| 06:50 PM - 06:55 PM | 49.4 | 46.2 | 09:30 PM - 09:35 PM | 45.1 | 44.6 | 12:10 AM - 12:15 AM | 43.9 | 43.0 |
| 06:55 PM - 07:00 PM | 50.2 | 46.4 | 09:35 PM - 09:40 PM | 49.3 | 45.1 | 12:15 AM - 12:20 AM | 43.6 | 42.9 |
| 07:00 PM - 07:05 PM | 49.8 | 46.3 | 09:40 PM - 09:45 PM | 45.3 | 43.3 | 12:20 AM - 12:25 AM | 46.4 | 42.9 |
| 07:05 PM - 07:10 PM | 50.2 | 46.4 | 09:45 PM - 09:50 PM | 45.0 | 44.0 | 12:25 AM - 12:30 AM | 45.6 | 43.1 |
| 07:10 PM - 07:15 PM | 50.7 | 45.6 | 09:50 PM - 09:55 PM | 50.9 | 43.9 | 12:30 AM - 12:35 AM | 43.9 | 43.0 |
| 07:15 PM - 07:20 PM | 49.9 | 46.5 | 09:55 PM - 10:00 PM | 46.7 | 43.4 | 12:35 AM - 12:40 AM | 44.1 | 43.0 |
| 07:20 PM - 07:25 PM | 50.0 | 46.9 | 10:00 PM - 10:05 PM | 47.2 | 43.5 | 12:40 AM - 12:45 AM | 44.8 | 42.9 |
| 07:25 PM - 07:30 PM | 52.3 | 46.9 | 10:05 PM - 10:10 PM | 44.5 | 43.4 | 12:45 AM - 12:50 AM | 43.7 | 43.2 |
| 07:30 PM - 07:35 PM | 51.7 | 46.9 | 10:10 PM - 10:15 PM | 45.5 | 43.2 | 12:50 AM - 12:55 AM | 44.0 | 43.5 |
| 07:35 PM - 07:40 PM | 57.6 | 47.3 | 10:15 PM - 10:20 PM | 44.1 | 43.2 | 12:55 AM - 01:00 AM | 43.6 | 42.6 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854763-1



**Sample Number** 23128868-27
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 AM - 01:05 AM | 43.4 | 42.6 | 03:40 AM - 03:45 AM | 48.0 | 42.2 | 06:20 AM - 06:25 AM | 51.7 | 43.4 |
| 01:05 AM - 01:10 AM | 43.1 | 42.4 | 03:45 AM - 03:50 AM | 43.8 | 42.3 | 06:25 AM - 06:30 AM | 48.7 | 43.3 |
| 01:10 AM - 01:15 AM | 43.5 | 42.3 | 03:50 AM - 03:55 AM | 42.9 | 42.3 | 06:30 AM - 06:35 AM | 51.7 | 43.6 |
| 01:15 AM - 01:20 AM | 43.2 | 42.3 | 03:55 AM - 04:00 AM | 46.1 | 42.5 | 06:35 AM - 06:40 AM | 50.5 | 44.2 |
| 01:20 AM - 01:25 AM | 43.4 | 42.6 | 04:00 AM - 04:05 AM | 44.1 | 42.2 | 06:40 AM - 06:45 AM | 52.7 | 44.5 |
| 01:25 AM - 01:30 AM | 43.7 | 43.1 | 04:05 AM - 04:10 AM | 45.2 | 42.2 | 06:45 AM - 06:50 AM | 49.6 | 44.3 |
| 01:30 AM - 01:35 AM | 43.4 | 42.8 | 04:10 AM - 04:15 AM | 43.3 | 42.5 | 06:50 AM - 06:55 AM | 51.3 | 44.9 |
| 01:35 AM - 01:40 AM | 47.0 | 43.0 | 04:15 AM - 04:20 AM | 43.2 | 42.3 | 06:55 AM - 07:00 AM | 61.1 | 33.0 |
| 01:40 AM - 01:45 AM | 44.0 | 43.3 | 04:20 AM - 04:25 AM | 43.2 | 42.4 | 07:00 AM - 07:05 AM | 69.0 | 45.7 |
| 01:45 AM - 01:50 AM | 44.0 | 43.2 | 04:25 AM - 04:30 AM | 42.7 | 41.8 | 07:05 AM - 07:10 AM | 69.4 | 61.3 |
| 01:50 AM - 01:55 AM | 43.6 | 43.0 | 04:30 AM - 04:35 AM | 43.8 | 41.6 | 07:10 AM - 07:15 AM | 69.7 | 61.6 |
| 01:55 AM - 02:00 AM | 43.8 | 43.2 | 04:35 AM - 04:40 AM | 49.2 | 43.1 | 07:15 AM - 07:20 AM | 67.0 | 36.4 |
| 02:00 AM - 02:05 AM | 43.8 | 43.0 | 04:40 AM - 04:45 AM | 45.4 | 42.6 | 07:20 AM - 07:25 AM | 53.2 | 46.4 |
| 02:05 AM - 02:10 AM | 43.6 | 42.9 | 04:45 AM - 04:50 AM | 49.3 | 42.1 | 07:25 AM - 07:30 AM | 53.1 | 46.2 |
| 02:10 AM - 02:15 AM | 43.8 | 43.1 | 04:50 AM - 04:55 AM | 47.8 | 41.9 | 07:30 AM - 07:35 AM | 54.9 | 47.2 |
| 02:15 AM - 02:20 AM | 44.1 | 43.2 | 04:55 AM - 05:00 AM | 47.1 | 42.4 | 07:35 AM - 07:40 AM | 53.4 | 47.0 |
| 02:20 AM - 02:25 AM | 43.8 | 43.1 | 05:00 AM - 05:05 AM | 48.0 | 42.4 | 07:40 AM - 07:45 AM | 60.0 | 47.7 |
| 02:25 AM - 02:30 AM | 43.2 | 42.6 | 05:05 AM - 05:10 AM | 47.9 | 42.9 | 07:45 AM - 07:50 AM | 55.2 | 47.3 |
| 02:30 AM - 02:35 AM | 42.8 | 42.1 | 05:10 AM - 05:15 AM | 49.1 | 43.4 | 07:50 AM - 07:55 AM | 54.6 | 46.6 |
| 02:35 AM - 02:40 AM | 43.0 | 42.4 | 05:15 AM - 05:20 AM | 49.6 | 42.8 | 07:55 AM - 08:00 AM | 51.8 | 44.6 |
| 02:40 AM - 02:45 AM | 43.2 | 42.6 | 05:20 AM - 05:25 AM | 48.9 | 41.7 | 08:00 AM - 08:05 AM | 51.2 | 44.4 |
| 02:45 AM - 02:50 AM | 45.5 | 43.1 | 05:25 AM - 05:30 AM | 47.1 | 41.6 | 08:05 AM - 08:10 AM | 53.5 | 45.0 |
| 02:50 AM - 02:55 AM | 43.6 | 42.9 | 05:30 AM - 05:35 AM | 47.0 | 42.0 | 08:10 AM - 08:15 AM | 55.2 | 45.1 |
| 02:55 AM - 03:00 AM | 43.8 | 43.1 | 05:35 AM - 05:40 AM | 46.3 | 42.0 | 08:15 AM - 08:20 AM | 50.6 | 43.8 |
| 03:00 AM - 03:05 AM | 43.8 | 43.2 | 05:40 AM - 05:45 AM | 48.2 | 42.4 | 08:20 AM - 08:25 AM | 53.0 | 43.9 |
| 03:05 AM - 03:10 AM | 43.7 | 42.9 | 05:45 AM - 05:50 AM | 51.1 | 43.1 | 08:25 AM - 08:30 AM | 50.0 | 42.8 |
| 03:10 AM - 03:15 AM | 43.5 | 42.5 | 05:50 AM - 05:55 AM | 52.5 | 43.3 | 08:30 AM - 08:35 AM | 52.4 | 41.6 |
| 03:15 AM - 03:20 AM | 42.9 | 42.4 | 05:55 AM - 06:00 AM | 51.7 | 43.0 | 08:35 AM - 08:40 AM | 49.0 | 40.6 |
| 03:20 AM - 03:25 AM | 43.2 | 42.7 | 06:00 AM - 06:05 AM | 50.3 | 42.9 | 08:40 AM - 08:45 AM | 50.3 | 41.4 |
| 03:25 AM - 03:30 AM | 46.4 | 42.9 | 06:05 AM - 06:10 AM | 48.5 | 42.9 | 08:45 AM - 08:50 AM | 49.5 | 40.1 |
| 03:30 AM - 03:35 AM | 43.8 | 42.8 | 06:10 AM - 06:15 AM | 53.9 | 43.6 | 08:50 AM - 08:55 AM | 47.4 | 40.5 |
| 03:35 AM - 03:40 AM | 43.1 | 42.6 | 06:15 AM - 06:20 AM | 55.0 | 43.3 | 08:55 AM - 09:00 AM | 52.3 | 40.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854764-1



**Sample Number** 23128868-28
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 AM - 09:05 AM | 52.7 | 40.4 | 11:40 AM - 11:45 AM | 49.6 | 43.8 | 02:20 PM - 02:25 PM | 46.0 | 43.4 |
| 09:05 AM - 09:10 AM | 53.3 | 40.9 | 11:45 AM - 11:50 AM | 47.1 | 38.4 | 02:25 PM - 02:30 PM | 45.6 | 43.3 |
| 09:10 AM - 09:15 AM | 50.1 | 39.4 | 11:50 AM - 11:55 AM | 51.3 | 36.2 | 02:30 PM - 02:35 PM | 45.0 | 43.4 |
| 09:15 AM - 09:20 AM | 52.4 | 39.5 | 11:55 AM - 12:00 PM | 45.0 | 36.6 | 02:35 PM - 02:40 PM | 45.7 | 43.3 |
| 09:20 AM - 09:25 AM | 48.4 | 38.8 | 12:00 PM - 12:05 PM | 51.5 | 37.9 | 02:40 PM - 02:45 PM | 43.0 | 42.5 |
| 09:25 AM - 09:30 AM | 50.6 | 39.9 | 12:05 PM - 12:10 PM | 50.0 | 38.1 | 02:45 PM - 02:50 PM | 43.7 | 42.8 |
| 09:30 AM - 09:35 AM | 48.3 | 39.2 | 12:10 PM - 12:15 PM | 47.1 | 37.3 | 02:50 PM - 02:55 PM | 56.9 | 42.5 |
| 09:35 AM - 09:40 AM | 53.9 | 42.1 | 12:15 PM - 12:20 PM | 47.9 | 38.0 | 02:55 PM - 03:00 PM | 48.9 | 43.3 |
| 09:40 AM - 09:45 AM | 53.4 | 44.2 | 12:20 PM - 12:25 PM | 47.2 | 36.7 | 03:00 PM - 03:05 PM | 45.2 | 44.0 |
| 09:45 AM - 09:50 AM | 49.8 | 41.8 | 12:25 PM - 12:30 PM | 46.4 | 38.9 | 03:05 PM - 03:10 PM | 44.7 | 43.9 |
| 09:50 AM - 09:55 AM | 50.2 | 42.8 | 12:30 PM - 12:35 PM | 46.1 | 37.3 | 03:10 PM - 03:15 PM | 47.0 | 43.6 |
| 09:55 AM - 10:00 AM | 48.7 | 42.5 | 12:35 PM - 12:40 PM | 49.1 | 37.6 | 03:15 PM - 03:20 PM | 43.3 | 42.7 |
| 10:00 AM - 10:05 AM | 50.1 | 42.9 | 12:40 PM - 12:45 PM | 45.4 | 36.9 | 03:20 PM - 03:25 PM | 52.7 | 43.0 |
| 10:05 AM - 10:10 AM | 52.0 | 42.9 | 12:45 PM - 12:50 PM | 47.8 | 37.5 | 03:25 PM - 03:30 PM | 44.5 | 42.8 |
| 10:10 AM - 10:15 AM | 49.2 | 43.7 | 12:50 PM - 12:55 PM | 53.9 | 46.5 | 03:30 PM - 03:35 PM | 44.1 | 43.0 |
| 10:15 AM - 10:20 AM | 49.1 | 42.9 | 12:55 PM - 01:00 PM | 52.0 | 46.0 | 03:35 PM - 03:40 PM | 44.3 | 43.6 |
| 10:20 AM - 10:25 AM | 49.8 | 43.3 | 01:00 PM - 01:05 PM | 51.5 | 46.1 | 03:40 PM - 03:45 PM | 46.1 | 43.8 |
| 10:25 AM - 10:30 AM | 49.8 | 43.6 | 01:05 PM - 01:10 PM | 51.2 | 46.1 | 03:45 PM - 03:50 PM | 46.7 | 43.9 |
| 10:30 AM - 10:35 AM | 49.9 | 42.6 | 01:10 PM - 01:15 PM | 55.6 | 46.8 | 03:50 PM - 03:55 PM | 44.6 | 43.4 |
| 10:35 AM - 10:40 AM | 49.6 | 43.1 | 01:15 PM - 01:20 PM | 54.6 | 46.8 | 03:55 PM - 04:00 PM | 46.4 | 43.6 |
| 10:40 AM - 10:45 AM | 52.1 | 43.3 | 01:20 PM - 01:25 PM | 52.5 | 46.2 | 04:00 PM - 04:05 PM | 45.6 | 44.3 |
| 10:45 AM - 10:50 AM | 54.9 | 45.8 | 01:25 PM - 01:30 PM | 51.2 | 46.7 | 04:05 PM - 04:10 PM | 44.5 | 43.9 |
| 10:50 AM - 10:55 AM | 48.2 | 44.0 | 01:30 PM - 01:35 PM | 50.2 | 46.4 | 04:10 PM - 04:15 PM | 44.2 | 43.7 |
| 10:55 AM - 11:00 AM | 49.0 | 43.9 | 01:35 PM - 01:40 PM | 51.6 | 46.8 | 04:15 PM - 04:20 PM | 44.5 | 43.8 |
| 11:00 AM - 11:05 AM | 47.5 | 43.7 | 01:40 PM - 01:45 PM | 48.3 | 46.1 | 04:20 PM - 04:25 PM | 44.4 | 44.0 |
| 11:05 AM - 11:10 AM | 47.4 | 44.0 | 01:45 PM - 01:50 PM | 47.6 | 44.4 | 04:25 PM - 04:30 PM | 44.2 | 43.8 |
| 11:10 AM - 11:15 AM | 51.2 | 44.0 | 01:50 PM - 01:55 PM | 47.0 | 44.4 | 04:30 PM - 04:35 PM | 44.4 | 43.3 |
| 11:15 AM - 11:20 AM | 49.3 | 43.5 | 01:55 PM - 02:00 PM | 48.3 | 43.8 | 04:35 PM - 04:40 PM | 44.6 | 43.0 |
| 11:20 AM - 11:25 AM | 48.3 | 44.4 | 02:00 PM - 02:05 PM | 48.0 | 42.8 | 04:40 PM - 04:45 PM | 44.2 | 43.9 |
| 11:25 AM - 11:30 AM | 50.9 | 44.8 | 02:05 PM - 02:10 PM | 46.5 | 44.0 | 04:45 PM - 04:50 PM | 44.7 | 43.7 |
| 11:30 AM - 11:35 AM | 51.8 | 44.6 | 02:10 PM - 02:15 PM | 47.3 | 44.0 | 04:50 PM - 04:55 PM | 54.9 | 43.4 |
| 11:35 AM - 11:40 AM | 48.7 | 43.5 | 02:15 PM - 02:20 PM | 49.5 | 43.6 | 04:55 PM - 05:00 PM | 44.7 | 43.5 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854764-1



**Sample Number** 23128868-28
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29 - Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 PM - 05:05 PM | 43.7 | 43.2 | 07:40 PM - 07:45 PM | 41.9 | 41.4 | 10:20 PM - 10:25 PM | 47.5 | 41.9 |
| 05:05 PM - 05:10 PM | 47.4 | 43.7 | 07:45 PM - 07:50 PM | 43.1 | 42.1 | 10:25 PM - 10:30 PM | 45.4 | 41.6 |
| 05:10 PM - 05:15 PM | 45.0 | 43.7 | 07:50 PM - 07:55 PM | 42.7 | 42.1 | 10:30 PM - 10:35 PM | 47.5 | 41.8 |
| 05:15 PM - 05:20 PM | 44.7 | 43.9 | 07:55 PM - 08:00 PM | 43.5 | 42.9 | 10:35 PM - 10:40 PM | 47.9 | 41.5 |
| 05:20 PM - 05:25 PM | 45.2 | 44.1 | 08:00 PM - 08:05 PM | 43.3 | 43.0 | 10:40 PM - 10:45 PM | 46.3 | 42.1 |
| 05:25 PM - 05:30 PM | 45.9 | 44.0 | 08:05 PM - 08:10 PM | 43.4 | 43.1 | 10:45 PM - 10:50 PM | 46.5 | 42.3 |
| 05:30 PM - 05:35 PM | 44.7 | 44.1 | 08:10 PM - 08:15 PM | 43.3 | 42.9 | 10:50 PM - 10:55 PM | 48.5 | 41.9 |
| 05:35 PM - 05:40 PM | 45.8 | 43.9 | 08:15 PM - 08:20 PM | 45.6 | 43.0 | 10:55 PM - 11:00 PM | 46.8 | 42.1 |
| 05:40 PM - 05:45 PM | 44.6 | 43.7 | 08:20 PM - 08:25 PM | 43.3 | 42.8 | 11:00 PM - 11:05 PM | 50.2 | 42.9 |
| 05:45 PM - 05:50 PM | 44.5 | 43.7 | 08:25 PM - 08:30 PM | 43.3 | 42.8 | 11:05 PM - 11:10 PM | 47.1 | 43.0 |
| 05:50 PM - 05:55 PM | 44.6 | 43.3 | 08:30 PM - 08:35 PM | 44.1 | 42.8 | 11:10 PM - 11:15 PM | 51.6 | 42.9 |
| 05:55 PM - 06:00 PM | 49.0 | 43.6 | 08:35 PM - 08:40 PM | 45.8 | 42.7 | 11:15 PM - 11:20 PM | 47.5 | 42.6 |
| 06:00 PM - 06:05 PM | 45.5 | 42.9 | 08:40 PM - 08:45 PM | 45.3 | 42.5 | 11:20 PM - 11:25 PM | 48.7 | 42.7 |
| 06:05 PM - 06:10 PM | 43.4 | 43.0 | 08:45 PM - 08:50 PM | 42.6 | 42.3 | 11:25 PM - 11:30 PM | 49.3 | 42.9 |
| 06:10 PM - 06:15 PM | 43.8 | 43.1 | 08:50 PM - 08:55 PM | 42.7 | 42.0 | 11:30 PM - 11:35 PM | 48.8 | 43.6 |
| 06:15 PM - 06:20 PM | 45.0 | 43.4 | 08:55 PM - 09:00 PM | 44.1 | 42.6 | 11:35 PM - 11:40 PM | 49.4 | 44.6 |
| 06:20 PM - 06:25 PM | 44.4 | 43.1 | 09:00 PM - 09:05 PM | 42.8 | 42.4 | 11:40 PM - 11:45 PM | 48.8 | 44.0 |
| 06:25 PM - 06:30 PM | 45.8 | 43.2 | 09:05 PM - 09:10 PM | 44.2 | 42.2 | 11:45 PM - 11:50 PM | 48.0 | 43.3 |
| 06:30 PM - 06:35 PM | 43.4 | 42.9 | 09:10 PM - 09:15 PM | 45.8 | 42.9 | 11:50 PM - 11:55 PM | 48.9 | 43.9 |
| 06:35 PM - 06:40 PM | 43.7 | 43.2 | 09:15 PM - 09:20 PM | 45.6 | 42.7 | 11:55 PM - 12:00 AM | 51.3 | 43.8 |
| 06:40 PM - 06:45 PM | 45.0 | 43.4 | 09:20 PM - 09:25 PM | 43.6 | 42.0 | 12:00 AM - 12:05 AM | 48.6 | 43.2 |
| 06:45 PM - 06:50 PM | 43.3 | 43.0 | 09:25 PM - 09:30 PM | 44.2 | 42.0 | 12:05 AM - 12:10 AM | 47.0 | 43.8 |
| 06:50 PM - 06:55 PM | 43.4 | 43.1 | 09:30 PM - 09:35 PM | 44.6 | 42.3 | 12:10 AM - 12:15 AM | 43.3 | 42.1 |
| 06:55 PM - 07:00 PM | 43.5 | 43.1 | 09:35 PM - 09:40 PM | 45.6 | 42.4 | 12:15 AM - 12:20 AM | 43.5 | 43.2 |
| 07:00 PM - 07:05 PM | 43.2 | 42.8 | 09:40 PM - 09:45 PM | 42.3 | 41.0 | 12:20 AM - 12:25 AM | 43.2 | 37.3 |
| 07:05 PM - 07:10 PM | 43.4 | 42.7 | 09:45 PM - 09:50 PM | 44.3 | 41.3 | 12:25 AM - 12:30 AM | 44.8 | 39.1 |
| 07:10 PM - 07:15 PM | 43.0 | 42.7 | 09:50 PM - 09:55 PM | 46.7 | 42.2 | 12:30 AM - 12:35 AM | 43.0 | 39.2 |
| 07:15 PM - 07:20 PM | 42.8 | 42.4 | 09:55 PM - 10:00 PM | 44.3 | 41.4 | 12:35 AM - 12:40 AM | 41.6 | 40.2 |
| 07:20 PM - 07:25 PM | 42.6 | 42.2 | 10:00 PM - 10:05 PM | 44.3 | 41.6 | 12:40 AM - 12:45 AM | 42.7 | 42.2 |
| 07:25 PM - 07:30 PM | 43.0 | 42.5 | 10:05 PM - 10:10 PM | 42.4 | 41.6 | 12:45 AM - 12:50 AM | 48.6 | 43.5 |
| 07:30 PM - 07:35 PM | 42.9 | 42.4 | 10:10 PM - 10:15 PM | 43.4 | 41.7 | 12:50 AM - 12:55 AM | 50.0 | 43.7 |
| 07:35 PM - 07:40 PM | 43.2 | 42.0 | 10:15 PM - 10:20 PM | 43.6 | 41.3 | 12:55 AM - 01:00 AM | 49.8 | 43.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854764-1



**Sample Number** 23128868-28
**Parameter** Noise Level (Leq 5 min)
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 1425288)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 597167

| Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 AM - 01:05 AM | 50.8 | 44.6 | 03:40 AM - 03:45 AM | 46.3 | 40.2 | 06:20 AM - 06:25 AM | 46.3 | 37.5 |
| 01:05 AM - 01:10 AM | 49.2 | 43.1 | 03:45 AM - 03:50 AM | 48.8 | 37.7 | 06:25 AM - 06:30 AM | 45.2 | 35.2 |
| 01:10 AM - 01:15 AM | 57.9 | 45.0 | 03:50 AM - 03:55 AM | 44.9 | 37.1 | 06:30 AM - 06:35 AM | 50.0 | 33.6 |
| 01:15 AM - 01:20 AM | 49.4 | 43.8 | 03:55 AM - 04:00 AM | 50.8 | 35.9 | 06:35 AM - 06:40 AM | 44.6 | 35.1 |
| 01:20 AM - 01:25 AM | 47.8 | 43.0 | 04:00 AM - 04:05 AM | 49.9 | 36.6 | 06:40 AM - 06:45 AM | 46.4 | 33.9 |
| 01:25 AM - 01:30 AM | 53.7 | 43.7 | 04:05 AM - 04:10 AM | 44.5 | 35.4 | 06:45 AM - 06:50 AM | 44.1 | 35.9 |
| 01:30 AM - 01:35 AM | 48.8 | 45.1 | 04:10 AM - 04:15 AM | 45.2 | 35.1 | 06:50 AM - 06:55 AM | 44.5 | 38.5 |
| 01:35 AM - 01:40 AM | 48.2 | 44.9 | 04:15 AM - 04:20 AM | 44.4 | 36.1 | 06:55 AM - 07:00 AM | 47.0 | 38.8 |
| 01:40 AM - 01:45 AM | 46.7 | 42.0 | 04:20 AM - 04:25 AM | 41.6 | 34.7 | 07:00 AM - 07:05 AM | 45.8 | 38.9 |
| 01:45 AM - 01:50 AM | 47.2 | 39.5 | 04:25 AM - 04:30 AM | 43.0 | 35.8 | 07:05 AM - 07:10 AM | 44.4 | 34.0 |
| 01:50 AM - 01:55 AM | 45.9 | 38.5 | 04:30 AM - 04:35 AM | 47.0 | 37.4 | 07:10 AM - 07:15 AM | 45.4 | 40.5 |
| 01:55 AM - 02:00 AM | 43.4 | 36.6 | 04:35 AM - 04:40 AM | 43.7 | 37.4 | 07:15 AM - 07:20 AM | 46.5 | 39.0 |
| 02:00 AM - 02:05 AM | 48.2 | 38.8 | 04:40 AM - 04:45 AM | 45.6 | 37.1 | 07:20 AM - 07:25 AM | 49.8 | 42.2 |
| 02:05 AM - 02:10 AM | 49.3 | 38.3 | 04:45 AM - 04:50 AM | 46.5 | 38.1 | 07:25 AM - 07:30 AM | 47.5 | 41.4 |
| 02:10 AM - 02:15 AM | 45.2 | 37.0 | 04:50 AM - 04:55 AM | 47.3 | 36.1 | 07:30 AM - 07:35 AM | 46.4 | 39.6 |
| 02:15 AM - 02:20 AM | 47.3 | 38.3 | 04:55 AM - 05:00 AM | 46.2 | 35.8 | 07:35 AM - 07:40 AM | 47.2 | 40.2 |
| 02:20 AM - 02:25 AM | 47.1 | 37.4 | 05:00 AM - 05:05 AM | 46.2 | 36.7 | 07:40 AM - 07:45 AM | 50.4 | 37.0 |
| 02:25 AM - 02:30 AM | 42.9 | 37.3 | 05:05 AM - 05:10 AM | 42.5 | 34.9 | 07:45 AM - 07:50 AM | 55.1 | 39.1 |
| 02:30 AM - 02:35 AM | 45.9 | 38.5 | 05:10 AM - 05:15 AM | 46.8 | 37.0 | 07:50 AM - 07:55 AM | 49.5 | 38.9 |
| 02:35 AM - 02:40 AM | 44.3 | 38.0 | 05:15 AM - 05:20 AM | 46.4 | 37.4 | 07:55 AM - 08:00 AM | 52.3 | 41.1 |
| 02:40 AM - 02:45 AM | 51.0 | 38.5 | 05:20 AM - 05:25 AM | 46.2 | 36.9 | 08:00 AM - 08:05 AM | 50.2 | 37.4 |
| 02:45 AM - 02:50 AM | 47.3 | 37.2 | 05:25 AM - 05:30 AM | 43.6 | 36.5 | 08:05 AM - 08:10 AM | 50.4 | 35.0 |
| 02:50 AM - 02:55 AM | 49.6 | 39.6 | 05:30 AM - 05:35 AM | 42.2 | 35.5 | 08:10 AM - 08:15 AM | 43.4 | 35.0 |
| 02:55 AM - 03:00 AM | 45.1 | 40.0 | 05:35 AM - 05:40 AM | 44.6 | 38.4 | 08:15 AM - 08:20 AM | 46.3 | 35.4 |
| 03:00 AM - 03:05 AM | 46.9 | 41.2 | 05:40 AM - 05:45 AM | 45.7 | 36.3 | 08:20 AM - 08:25 AM | 45.1 | 34.6 |
| 03:05 AM - 03:10 AM | 46.6 | 38.4 | 05:45 AM - 05:50 AM | 45.1 | 37.3 | 08:25 AM - 08:30 AM | 45.4 | 37.2 |
| 03:10 AM - 03:15 AM | 44.8 | 40.0 | 05:50 AM - 05:55 AM | 46.4 | 36.4 | 08:30 AM - 08:35 AM | 47.6 | 36.1 |
| 03:15 AM - 03:20 AM | 49.0 | 41.7 | 05:55 AM - 06:00 AM | 46.5 | 35.9 | 08:35 AM - 08:40 AM | 48.6 | 36.6 |
| 03:20 AM - 03:25 AM | 47.5 | 38.5 | 06:00 AM - 06:05 AM | 43.2 | 38.6 | 08:40 AM - 08:45 AM | 46.8 | 37.5 |
| 03:25 AM - 03:30 AM | 48.0 | 38.2 | 06:05 AM - 06:10 AM | 44.3 | 38.1 | 08:45 AM - 08:50 AM | 44.3 | 35.9 |
| 03:30 AM - 03:35 AM | 45.0 | 38.2 | 06:10 AM - 06:15 AM | 47.7 | 37.2 | 08:50 AM - 08:55 AM | 45.1 | 35.0 |
| 03:35 AM - 03:40 AM | 46.2 | 36.8 | 06:15 AM - 06:20 AM | 45.5 | 37.2 | 08:55 AM - 09:00 AM | 47.6 | 35.9 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854765-1



**Sample Number** 23128868-29
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 PM - 01:05 PM | 42.7 | 38.1 | 03:40 PM - 03:45 PM | 52.3 | 42.6 | 06:20 PM - 06:25 PM | 51.8 | 48.2 |
| 01:05 PM - 01:10 PM | 43.0 | 39.0 | 03:45 PM - 03:50 PM | 51.7 | 42.3 | 06:25 PM - 06:30 PM | 52.7 | 49.7 |
| 01:10 PM - 01:15 PM | 44.5 | 39.3 | 03:50 PM - 03:55 PM | 52.8 | 43.8 | 06:30 PM - 06:35 PM | 53.6 | 51.1 |
| 01:15 PM - 01:20 PM | 47.3 | 38.7 | 03:55 PM - 04:00 PM | 53.4 | 44.3 | 06:35 PM - 06:40 PM | 54.2 | 51.9 |
| 01:20 PM - 01:25 PM | 46.9 | 39.8 | 04:00 PM - 04:05 PM | 51.6 | 43.8 | 06:40 PM - 06:45 PM | 53.3 | 50.8 |
| 01:25 PM - 01:30 PM | 43.4 | 38.8 | 04:05 PM - 04:10 PM | 51.0 | 43.7 | 06:45 PM - 06:50 PM | 54.4 | 51.2 |
| 01:30 PM - 01:35 PM | 41.6 | 37.5 | 04:10 PM - 04:15 PM | 51.9 | 45.3 | 06:50 PM - 06:55 PM | 53.7 | 51.4 |
| 01:35 PM - 01:40 PM | 43.0 | 40.0 | 04:15 PM - 04:20 PM | 51.0 | 43.4 | 06:55 PM - 07:00 PM | 54.2 | 52.6 |
| 01:40 PM - 01:45 PM | 42.5 | 39.4 | 04:20 PM - 04:25 PM | 53.9 | 44.9 | 07:00 PM - 07:05 PM | 55.4 | 53.8 |
| 01:45 PM - 01:50 PM | 47.4 | 40.2 | 04:25 PM - 04:30 PM | 54.3 | 46.3 | 07:05 PM - 07:10 PM | 55.6 | 54.2 |
| 01:50 PM - 01:55 PM | 45.5 | 40.0 | 04:30 PM - 04:35 PM | 51.8 | 43.7 | 07:10 PM - 07:15 PM | 55.6 | 54.0 |
| 01:55 PM - 02:00 PM | 49.8 | 38.9 | 04:35 PM - 04:40 PM | 50.7 | 43.3 | 07:15 PM - 07:20 PM | 55.4 | 54.0 |
| 02:00 PM - 02:05 PM | 47.8 | 39.5 | 04:40 PM - 04:45 PM | 53.8 | 44.9 | 07:20 PM - 07:25 PM | 55.1 | 52.2 |
| 02:05 PM - 02:10 PM | 52.3 | 41.3 | 04:45 PM - 04:50 PM | 49.9 | 44.0 | 07:25 PM - 07:30 PM | 54.1 | 52.4 |
| 02:10 PM - 02:15 PM | 56.9 | 42.9 | 04:50 PM - 04:55 PM | 51.3 | 43.3 | 07:30 PM - 07:35 PM | 54.1 | 52.3 |
| 02:15 PM - 02:20 PM | 58.2 | 43.4 | 04:55 PM - 05:00 PM | 50.6 | 44.2 | 07:35 PM - 07:40 PM | 54.4 | 52.8 |
| 02:20 PM - 02:25 PM | 59.4 | 47.9 | 05:00 PM - 05:05 PM | 48.3 | 43.3 | 07:40 PM - 07:45 PM | 53.5 | 51.7 |
| 02:25 PM - 02:30 PM | 60.2 | 47.2 | 05:05 PM - 05:10 PM | 51.0 | 44.0 | 07:45 PM - 07:50 PM | 55.7 | 52.1 |
| 02:30 PM - 02:35 PM | 59.8 | 46.3 | 05:10 PM - 05:15 PM | 54.3 | 44.6 | 07:50 PM - 07:55 PM | 56.6 | 53.0 |
| 02:35 PM - 02:40 PM | 51.6 | 42.9 | 05:15 PM - 05:20 PM | 50.9 | 45.1 | 07:55 PM - 08:00 PM | 56.0 | 52.2 |
| 02:40 PM - 02:45 PM | 51.3 | 43.1 | 05:20 PM - 05:25 PM | 50.3 | 45.9 | 08:00 PM - 08:05 PM | 54.1 | 52.1 |
| 02:45 PM - 02:50 PM | 54.3 | 44.8 | 05:25 PM - 05:30 PM | 51.2 | 46.1 | 08:05 PM - 08:10 PM | 53.3 | 51.8 |
| 02:50 PM - 02:55 PM | 53.2 | 43.1 | 05:30 PM - 05:35 PM | 49.1 | 45.2 | 08:10 PM - 08:15 PM | 54.3 | 52.0 |
| 02:55 PM - 03:00 PM | 52.2 | 42.5 | 05:35 PM - 05:40 PM | 48.3 | 44.7 | 08:15 PM - 08:20 PM | 55.0 | 52.8 |
| 03:00 PM - 03:05 PM | 52.3 | 43.3 | 05:40 PM - 05:45 PM | 48.9 | 43.3 | 08:20 PM - 08:25 PM | 54.9 | 52.8 |
| 03:05 PM - 03:10 PM | 50.5 | 41.5 | 05:45 PM - 05:50 PM | 49.9 | 44.1 | 08:25 PM - 08:30 PM | 54.9 | 52.6 |
| 03:10 PM - 03:15 PM | 45.6 | 40.5 | 05:50 PM - 05:55 PM | 49.7 | 44.2 | 08:30 PM - 08:35 PM | 58.2 | 54.9 |
| 03:15 PM - 03:20 PM | 46.7 | 39.7 | 05:55 PM - 06:00 PM | 49.4 | 44.5 | 08:35 PM - 08:40 PM | 58.3 | 55.1 |
| 03:20 PM - 03:25 PM | 47.6 | 39.9 | 06:00 PM - 06:05 PM | 49.0 | 45.1 | 08:40 PM - 08:45 PM | 58.6 | 55.4 |
| 03:25 PM - 03:30 PM | 46.4 | 40.1 | 06:05 PM - 06:10 PM | 48.4 | 46.0 | 08:45 PM - 08:50 PM | 58.5 | 54.8 |
| 03:30 PM - 03:35 PM | 47.9 | 42.1 | 06:10 PM - 06:15 PM | 50.1 | 47.1 | 08:50 PM - 08:55 PM | 57.7 | 52.8 |
| 03:35 PM - 03:40 PM | 54.6 | 44.3 | 06:15 PM - 06:20 PM | 49.6 | 47.2 | 08:55 PM - 09:00 PM | 59.1 | 56.1 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854765-1



**Sample Number** 23128868-29
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 23, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 23 - Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 PM - 09:05 PM | 58.4 | 53.5 | 11:40 PM - 11:45 PM | 58.3 | 54.1 | 02:20 AM - 02:25 AM | 49.3 | 48.1 |
| 09:05 PM - 09:10 PM | 58.7 | 54.9 | 11:45 PM - 11:50 PM | 58.6 | 53.2 | 02:25 AM - 02:30 AM | 50.9 | 48.6 |
| 09:10 PM - 09:15 PM | 59.5 | 56.4 | 11:50 PM - 11:55 PM | 58.1 | 53.3 | 02:30 AM - 02:35 AM | 50.8 | 48.3 |
| 09:15 PM - 09:20 PM | 59.2 | 56.2 | 11:55 PM - 12:00 AM | 57.7 | 55.2 | 02:35 AM - 02:40 AM | 50.6 | 48.4 |
| 09:20 PM - 09:25 PM | 58.9 | 55.3 | 12:00 AM - 12:05 AM | 57.8 | 55.6 | 02:40 AM - 02:45 AM | 50.7 | 48.0 |
| 09:25 PM - 09:30 PM | 59.2 | 54.3 | 12:05 AM - 12:10 AM | 57.5 | 54.6 | 02:45 AM - 02:50 AM | 52.1 | 48.7 |
| 09:30 PM - 09:35 PM | 59.0 | 54.5 | 12:10 AM - 12:15 AM | 57.2 | 53.9 | 02:50 AM - 02:55 AM | 52.4 | 49.0 |
| 09:35 PM - 09:40 PM | 59.2 | 55.4 | 12:15 AM - 12:20 AM | 57.1 | 54.2 | 02:55 AM - 03:00 AM | 51.7 | 48.9 |
| 09:40 PM - 09:45 PM | 59.5 | 56.5 | 12:20 AM - 12:25 AM | 55.6 | 52.0 | 03:00 AM - 03:05 AM | 52.3 | 48.7 |
| 09:45 PM - 09:50 PM | 59.3 | 55.1 | 12:25 AM - 12:30 AM | 55.7 | 52.2 | 03:05 AM - 03:10 AM | 53.8 | 49.9 |
| 09:50 PM - 09:55 PM | 58.8 | 56.1 | 12:30 AM - 12:35 AM | 55.6 | 51.9 | 03:10 AM - 03:15 AM | 54.0 | 50.7 |
| 09:55 PM - 10:00 PM | 59.9 | 52.7 | 12:35 AM - 12:40 AM | 55.2 | 50.3 | 03:15 AM - 03:20 AM | 54.0 | 51.0 |
| 10:00 PM - 10:05 PM | 57.0 | 52.4 | 12:40 AM - 12:45 AM | 56.8 | 50.4 | 03:20 AM - 03:25 AM | 52.9 | 50.6 |
| 10:05 PM - 10:10 PM | 66.4 | 51.6 | 12:45 AM - 12:50 AM | 56.2 | 51.5 | 03:25 AM - 03:30 AM | 53.0 | 50.6 |
| 10:10 PM - 10:15 PM | 53.8 | 51.4 | 12:50 AM - 12:55 AM | 55.4 | 50.1 | 03:30 AM - 03:35 AM | 53.0 | 50.2 |
| 10:15 PM - 10:20 PM | 55.0 | 50.4 | 12:55 AM - 01:00 AM | 55.6 | 50.8 | 03:35 AM - 03:40 AM | 52.9 | 50.3 |
| 10:20 PM - 10:25 PM | 53.8 | 50.1 | 01:00 AM - 01:05 AM | 54.9 | 50.3 | 03:40 AM - 03:45 AM | 51.9 | 49.4 |
| 10:25 PM - 10:30 PM | 57.7 | 52.6 | 01:05 AM - 01:10 AM | 55.2 | 50.8 | 03:45 AM - 03:50 AM | 52.3 | 49.9 |
| 10:30 PM - 10:35 PM | 58.2 | 53.3 | 01:10 AM - 01:15 AM | 55.1 | 51.0 | 03:50 AM - 03:55 AM | 51.9 | 49.3 |
| 10:35 PM - 10:40 PM | 58.3 | 54.1 | 01:15 AM - 01:20 AM | 54.4 | 50.2 | 03:55 AM - 04:00 AM | 51.6 | 48.5 |
| 10:40 PM - 10:45 PM | 58.3 | 53.8 | 01:20 AM - 01:25 AM | 55.0 | 50.5 | 04:00 AM - 04:05 AM | 52.0 | 48.2 |
| 10:45 PM - 10:50 PM | 58.1 | 53.4 | 01:25 AM - 01:30 AM | 54.9 | 50.2 | 04:05 AM - 04:10 AM | 51.8 | 48.9 |
| 10:50 PM - 10:55 PM | 58.1 | 53.7 | 01:30 AM - 01:35 AM | 55.4 | 50.9 | 04:10 AM - 04:15 AM | 51.7 | 48.8 |
| 10:55 PM - 11:00 PM | 58.5 | 54.7 | 01:35 AM - 01:40 AM | 56.2 | 50.3 | 04:15 AM - 04:20 AM | 51.2 | 47.2 |
| 11:00 PM - 11:05 PM | 58.4 | 54.2 | 01:40 AM - 01:45 AM | 54.5 | 50.2 | 04:20 AM - 04:25 AM | 52.0 | 48.5 |
| 11:05 PM - 11:10 PM | 58.2 | 53.8 | 01:45 AM - 01:50 AM | 52.8 | 50.0 | 04:25 AM - 04:30 AM | 52.0 | 47.9 |
| 11:10 PM - 11:15 PM | 58.2 | 53.4 | 01:50 AM - 01:55 AM | 52.5 | 50.2 | 04:30 AM - 04:35 AM | 52.0 | 48.5 |
| 11:15 PM - 11:20 PM | 58.7 | 54.1 | 01:55 AM - 02:00 AM | 50.9 | 49.2 | 04:35 AM - 04:40 AM | 51.1 | 48.1 |
| 11:20 PM - 11:25 PM | 58.7 | 54.1 | 02:00 AM - 02:05 AM | 53.3 | 49.3 | 04:40 AM - 04:45 AM | 51.5 | 48.2 |
| 11:25 PM - 11:30 PM | 58.8 | 54.7 | 02:05 AM - 02:10 AM | 52.6 | 49.5 | 04:45 AM - 04:50 AM | 52.2 | 48.7 |
| 11:30 PM - 11:35 PM | 58.8 | 54.9 | 02:10 AM - 02:15 AM | 51.0 | 48.5 | 04:50 AM - 04:55 AM | 53.2 | 49.4 |
| 11:35 PM - 11:40 PM | 58.9 | 54.9 | 02:15 AM - 02:20 AM | 49.9 | 48.1 | 04:55 AM - 05:00 AM | 53.8 | 50.6 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854765-1



**Sample Number** 23128868-29
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 23 - Nov 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 AM - 05:05 AM | 53.8 | 49.3 | 07:40 AM - 07:45 AM | 56.0 | 51.6 | 10:20 AM - 10:25 AM | 42.5 | 39.7 |
| 05:05 AM - 05:10 AM | 53.4 | 50.5 | 07:45 AM - 07:50 AM | 61.3 | 45.3 | 10:25 AM - 10:30 AM | 49.5 | 39.6 |
| 05:10 AM - 05:15 AM | 53.0 | 50.4 | 07:50 AM - 07:55 AM | 53.9 | 43.9 | 10:30 AM - 10:35 AM | 42.6 | 38.9 |
| 05:15 AM - 05:20 AM | 52.9 | 50.1 | 07:55 AM - 08:00 AM | 47.5 | 43.0 | 10:35 AM - 10:40 AM | 43.7 | 38.6 |
| 05:20 AM - 05:25 AM | 53.1 | 50.0 | 08:00 AM - 08:05 AM | 45.5 | 41.8 | 10:40 AM - 10:45 AM | 45.7 | 38.1 |
| 05:25 AM - 05:30 AM | 54.2 | 52.0 | 08:05 AM - 08:10 AM | 46.9 | 43.6 | 10:45 AM - 10:50 AM | 45.2 | 40.3 |
| 05:30 AM - 05:35 AM | 53.1 | 50.4 | 08:10 AM - 08:15 AM | 46.0 | 41.5 | 10:50 AM - 10:55 AM | 53.5 | 42.6 |
| 05:35 AM - 05:40 AM | 52.6 | 50.4 | 08:15 AM - 08:20 AM | 46.9 | 42.5 | 10:55 AM - 11:00 AM | 60.2 | 41.0 |
| 05:40 AM - 05:45 AM | 52.6 | 50.2 | 08:20 AM - 08:25 AM | 48.0 | 40.9 | 11:00 AM - 11:05 AM | 43.1 | 40.3 |
| 05:45 AM - 05:50 AM | 56.1 | 51.0 | 08:25 AM - 08:30 AM | 47.3 | 42.5 | 11:05 AM - 11:10 AM | 47.0 | 40.6 |
| 05:50 AM - 05:55 AM | 56.1 | 50.4 | 08:30 AM - 08:35 AM | 48.6 | 42.9 | 11:10 AM - 11:15 AM | 45.3 | 38.7 |
| 05:55 AM - 06:00 AM | 52.5 | 50.2 | 08:35 AM - 08:40 AM | 45.8 | 42.7 | 11:15 AM - 11:20 AM | 43.7 | 38.4 |
| 06:00 AM - 06:05 AM | 52.7 | 50.3 | 08:40 AM - 08:45 AM | 47.7 | 40.8 | 11:20 AM - 11:25 AM | 46.2 | 39.5 |
| 06:05 AM - 06:10 AM | 54.9 | 48.4 | 08:45 AM - 08:50 AM | 49.0 | 43.1 | 11:25 AM - 11:30 AM | 53.1 | 40.3 |
| 06:10 AM - 06:15 AM | 52.0 | 49.4 | 08:50 AM - 08:55 AM | 47.7 | 42.6 | 11:30 AM - 11:35 AM | 46.4 | 38.6 |
| 06:15 AM - 06:20 AM | 52.6 | 49.7 | 08:55 AM - 09:00 AM | 46.6 | 41.4 | 11:35 AM - 11:40 AM | 47.2 | 39.5 |
| 06:20 AM - 06:25 AM | 53.0 | 49.3 | 09:00 AM - 09:05 AM | 48.2 | 42.3 | 11:40 AM - 11:45 AM | 45.9 | 39.9 |
| 06:25 AM - 06:30 AM | 52.6 | 49.1 | 09:05 AM - 09:10 AM | 46.2 | 42.5 | 11:45 AM - 11:50 AM | 50.2 | 41.8 |
| 06:30 AM - 06:35 AM | 52.1 | 47.8 | 09:10 AM - 09:15 AM | 48.5 | 43.6 | 11:50 AM - 11:55 AM | 51.1 | 42.5 |
| 06:35 AM - 06:40 AM | 51.9 | 47.7 | 09:15 AM - 09:20 AM | 49.6 | 44.1 | 11:55 AM - 12:00 PM | 47.8 | 41.8 |
| 06:40 AM - 06:45 AM | 52.4 | 46.2 | 09:20 AM - 09:25 AM | 51.1 | 42.1 | 12:00 PM - 12:05 PM | 47.2 | 39.5 |
| 06:45 AM - 06:50 AM | 49.2 | 46.3 | 09:25 AM - 09:30 AM | 47.6 | 41.1 | 12:05 PM - 12:10 PM | 54.1 | 41.4 |
| 06:50 AM - 06:55 AM | 52.2 | 45.6 | 09:30 AM - 09:35 AM | 47.6 | 41.9 | 12:10 PM - 12:15 PM | 49.1 | 41.2 |
| 06:55 AM - 07:00 AM | 49.4 | 44.9 | 09:35 AM - 09:40 AM | 48.9 | 43.4 | 12:15 PM - 12:20 PM | 43.4 | 39.3 |
| 07:00 AM - 07:05 AM | 49.4 | 45.8 | 09:40 AM - 09:45 AM | 47.6 | 41.7 | 12:20 PM - 12:25 PM | 51.0 | 43.1 |
| 07:05 AM - 07:10 AM | 48.5 | 44.9 | 09:45 AM - 09:50 AM | 47.7 | 43.5 | 12:25 PM - 12:30 PM | 43.1 | 37.7 |
| 07:10 AM - 07:15 AM | 50.2 | 45.4 | 09:50 AM - 09:55 AM | 51.3 | 41.9 | 12:30 PM - 12:35 PM | 44.2 | 36.7 |
| 07:15 AM - 07:20 AM | 50.2 | 47.2 | 09:55 AM - 10:00 AM | 49.0 | 41.8 | 12:35 PM - 12:40 PM | 42.1 | 38.3 |
| 07:20 AM - 07:25 AM | 59.7 | 48.7 | 10:00 AM - 10:05 AM | 48.6 | 38.6 | 12:40 PM - 12:45 PM | 44.5 | 40.5 |
| 07:25 AM - 07:30 AM | 56.9 | 50.6 | 10:05 AM - 10:10 AM | 49.1 | 43.2 | 12:45 PM - 12:50 PM | 45.0 | 40.5 |
| 07:30 AM - 07:35 AM | 57.0 | 52.6 | 10:10 AM - 10:15 AM | 48.4 | 42.4 | 12:50 PM - 12:55 PM | 51.0 | 42.7 |
| 07:35 AM - 07:40 AM | 56.9 | 51.6 | 10:15 AM - 10:20 AM | 50.0 | 40.3 | 12:55 PM - 01:00 PM | 49.1 | 41.3 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854766-1



**Sample Number** 23128868-30
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 PM - 01:05 PM | 53.3 | 41.4 | 03:40 PM - 03:45 PM | 46.6 | 39.9 | 06:20 PM - 06:25 PM | 52.5 | 47.5 |
| 01:05 PM - 01:10 PM | 49.8 | 39.5 | 03:45 PM - 03:50 PM | 46.2 | 40.2 | 06:25 PM - 06:30 PM | 54.4 | 47.6 |
| 01:10 PM - 01:15 PM | 48.5 | 42.8 | 03:50 PM - 03:55 PM | 47.2 | 41.0 | 06:30 PM - 06:35 PM | 54.4 | 50.1 |
| 01:15 PM - 01:20 PM | 43.4 | 38.8 | 03:55 PM - 04:00 PM | 45.9 | 40.5 | 06:35 PM - 06:40 PM | 55.7 | 50.8 |
| 01:20 PM - 01:25 PM | 50.2 | 40.7 | 04:00 PM - 04:05 PM | 45.6 | 40.3 | 06:40 PM - 06:45 PM | 56.4 | 51.9 |
| 01:25 PM - 01:30 PM | 50.0 | 40.0 | 04:05 PM - 04:10 PM | 45.5 | 40.4 | 06:45 PM - 06:50 PM | 55.6 | 51.6 |
| 01:30 PM - 01:35 PM | 42.6 | 38.1 | 04:10 PM - 04:15 PM | 47.4 | 40.9 | 06:50 PM - 06:55 PM | 57.3 | 51.6 |
| 01:35 PM - 01:40 PM | 44.4 | 38.7 | 04:15 PM - 04:20 PM | 46.0 | 41.5 | 06:55 PM - 07:00 PM | 57.7 | 52.2 |
| 01:40 PM - 01:45 PM | 45.2 | 40.6 | 04:20 PM - 04:25 PM | 45.4 | 39.1 | 07:00 PM - 07:05 PM | 57.9 | 52.3 |
| 01:45 PM - 01:50 PM | 44.5 | 38.8 | 04:25 PM - 04:30 PM | 44.2 | 40.6 | 07:05 PM - 07:10 PM | 58.7 | 54.5 |
| 01:50 PM - 01:55 PM | 47.0 | 39.3 | 04:30 PM - 04:35 PM | 48.6 | 39.2 | 07:10 PM - 07:15 PM | 58.4 | 53.6 |
| 01:55 PM - 02:00 PM | 48.2 | 39.6 | 04:35 PM - 04:40 PM | 45.0 | 40.5 | 07:15 PM - 07:20 PM | 58.5 | 54.8 |
| 02:00 PM - 02:05 PM | 45.7 | 40.1 | 04:40 PM - 04:45 PM | 50.5 | 40.5 | 07:20 PM - 07:25 PM | 58.6 | 55.5 |
| 02:05 PM - 02:10 PM | 46.5 | 42.6 | 04:45 PM - 04:50 PM | 47.8 | 39.6 | 07:25 PM - 07:30 PM | 58.7 | 56.0 |
| 02:10 PM - 02:15 PM | 50.5 | 41.0 | 04:50 PM - 04:55 PM | 45.2 | 40.5 | 07:30 PM - 07:35 PM | 58.4 | 55.0 |
| 02:15 PM - 02:20 PM | 46.8 | 40.3 | 04:55 PM - 05:00 PM | 47.3 | 41.6 | 07:35 PM - 07:40 PM | 58.2 | 55.1 |
| 02:20 PM - 02:25 PM | 48.8 | 40.9 | 05:00 PM - 05:05 PM | 49.9 | 43.1 | 07:40 PM - 07:45 PM | 58.7 | 55.8 |
| 02:25 PM - 02:30 PM | 48.3 | 40.3 | 05:05 PM - 05:10 PM | 47.8 | 41.1 | 07:45 PM - 07:50 PM | 58.7 | 56.1 |
| 02:30 PM - 02:35 PM | 47.6 | 39.4 | 05:10 PM - 05:15 PM | 48.8 | 40.8 | 07:50 PM - 07:55 PM | 59.1 | 56.6 |
| 02:35 PM - 02:40 PM | 48.2 | 39.9 | 05:15 PM - 05:20 PM | 44.1 | 40.8 | 07:55 PM - 08:00 PM | 59.5 | 56.9 |
| 02:40 PM - 02:45 PM | 48.2 | 40.2 | 05:20 PM - 05:25 PM | 45.9 | 42.1 | 08:00 PM - 08:05 PM | 58.8 | 55.9 |
| 02:45 PM - 02:50 PM | 50.1 | 38.8 | 05:25 PM - 05:30 PM | 47.2 | 43.4 | 08:05 PM - 08:10 PM | 59.5 | 57.1 |
| 02:50 PM - 02:55 PM | 46.3 | 41.9 | 05:30 PM - 05:35 PM | 47.8 | 43.3 | 08:10 PM - 08:15 PM | 59.8 | 57.1 |
| 02:55 PM - 03:00 PM | 49.3 | 44.1 | 05:35 PM - 05:40 PM | 49.5 | 42.8 | 08:15 PM - 08:20 PM | 60.4 | 58.8 |
| 03:00 PM - 03:05 PM | 50.9 | 42.6 | 05:40 PM - 05:45 PM | 49.6 | 42.4 | 08:20 PM - 08:25 PM | 60.5 | 58.5 |
| 03:05 PM - 03:10 PM | 48.3 | 42.7 | 05:45 PM - 05:50 PM | 49.7 | 44.1 | 08:25 PM - 08:30 PM | 60.5 | 56.4 |
| 03:10 PM - 03:15 PM | 48.1 | 40.5 | 05:50 PM - 05:55 PM | 48.9 | 43.4 | 08:30 PM - 08:35 PM | 59.3 | 56.2 |
| 03:15 PM - 03:20 PM | 47.3 | 41.1 | 05:55 PM - 06:00 PM | 50.4 | 43.7 | 08:35 PM - 08:40 PM | 58.8 | 54.9 |
| 03:20 PM - 03:25 PM | 47.1 | 42.5 | 06:00 PM - 06:05 PM | 50.9 | 44.5 | 08:40 PM - 08:45 PM | 59.7 | 57.6 |
| 03:25 PM - 03:30 PM | 48.1 | 41.6 | 06:05 PM - 06:10 PM | 54.8 | 45.6 | 08:45 PM - 08:50 PM | 60.4 | 58.4 |
| 03:30 PM - 03:35 PM | 43.0 | 38.7 | 06:10 PM - 06:15 PM | 50.8 | 45.6 | 08:50 PM - 08:55 PM | 59.9 | 57.5 |
| 03:35 PM - 03:40 PM | 47.6 | 40.7 | 06:15 PM - 06:20 PM | 52.6 | 46.6 | 08:55 PM - 09:00 PM | 60.0 | 58.5 |

Approved by

Sarayuth Jittranont
Assistant General Manager

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# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854766-1



**Sample Number** 23128868-30
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 24, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 24 - Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 PM - 09:05 PM | 60.9 | 59.0 | 11:40 PM - 11:45 PM | 56.7 | 52.2 | 02:20 AM - 02:25 AM | 52.9 | 50.4 |
| 09:05 PM - 09:10 PM | 60.3 | 58.8 | 11:45 PM - 11:50 PM | 56.8 | 51.9 | 02:25 AM - 02:30 AM | 51.6 | 48.2 |
| 09:10 PM - 09:15 PM | 64.4 | 58.1 | 11:50 PM - 11:55 PM | 56.9 | 52.4 | 02:30 AM - 02:35 AM | 51.8 | 49.1 |
| 09:15 PM - 09:20 PM | 62.5 | 58.4 | 11:55 PM - 12:00 AM | 56.7 | 51.9 | 02:35 AM - 02:40 AM | 51.6 | 48.1 |
| 09:20 PM - 09:25 PM | 59.6 | 57.9 | 12:00 AM - 12:05 AM | 54.0 | 48.4 | 02:40 AM - 02:45 AM | 52.3 | 48.9 |
| 09:25 PM - 09:30 PM | 59.9 | 57.8 | 12:05 AM - 12:10 AM | 52.5 | 49.1 | 02:45 AM - 02:50 AM | 50.1 | 48.1 |
| 09:30 PM - 09:35 PM | 59.7 | 56.7 | 12:10 AM - 12:15 AM | 52.3 | 49.0 | 02:50 AM - 02:55 AM | 51.9 | 47.9 |
| 09:35 PM - 09:40 PM | 58.6 | 56.1 | 12:15 AM - 12:20 AM | 53.2 | 48.9 | 02:55 AM - 03:00 AM | 52.7 | 48.5 |
| 09:40 PM - 09:45 PM | 59.7 | 57.9 | 12:20 AM - 12:25 AM | 54.9 | 50.7 | 03:00 AM - 03:05 AM | 51.2 | 47.8 |
| 09:45 PM - 09:50 PM | 59.4 | 56.7 | 12:25 AM - 12:30 AM | 53.4 | 50.2 | 03:05 AM - 03:10 AM | 51.2 | 47.4 |
| 09:50 PM - 09:55 PM | 60.0 | 57.9 | 12:30 AM - 12:35 AM | 54.8 | 52.2 | 03:10 AM - 03:15 AM | 51.6 | 48.3 |
| 09:55 PM - 10:00 PM | 60.0 | 57.9 | 12:35 AM - 12:40 AM | 55.5 | 51.9 | 03:15 AM - 03:20 AM | 51.5 | 47.8 |
| 10:00 PM - 10:05 PM | 59.1 | 57.2 | 12:40 AM - 12:45 AM | 56.8 | 53.5 | 03:20 AM - 03:25 AM | 54.4 | 49.4 |
| 10:05 PM - 10:10 PM | 58.7 | 57.3 | 12:45 AM - 12:50 AM | 56.9 | 53.6 | 03:25 AM - 03:30 AM | 52.8 | 48.5 |
| 10:10 PM - 10:15 PM | 58.6 | 56.2 | 12:50 AM - 12:55 AM | 56.5 | 52.6 | 03:30 AM - 03:35 AM | 52.6 | 48.6 |
| 10:15 PM - 10:20 PM | 58.9 | 56.5 | 12:55 AM - 01:00 AM | 55.9 | 50.9 | 03:35 AM - 03:40 AM | 54.2 | 49.6 |
| 10:20 PM - 10:25 PM | 57.1 | 54.5 | 01:00 AM - 01:05 AM | 56.2 | 51.9 | 03:40 AM - 03:45 AM | 55.4 | 48.1 |
| 10:25 PM - 10:30 PM | 57.2 | 54.5 | 01:05 AM - 01:10 AM | 55.5 | 50.3 | 03:45 AM - 03:50 AM | 57.1 | 47.8 |
| 10:30 PM - 10:35 PM | 57.8 | 55.2 | 01:10 AM - 01:15 AM | 54.0 | 49.3 | 03:50 AM - 03:55 AM | 54.1 | 47.1 |
| 10:35 PM - 10:40 PM | 68.4 | 53.3 | 01:15 AM - 01:20 AM | 55.0 | 49.8 | 03:55 AM - 04:00 AM | 52.6 | 46.6 |
| 10:40 PM - 10:45 PM | 57.7 | 54.2 | 01:20 AM - 01:25 AM | 50.4 | 47.2 | 04:00 AM - 04:05 AM | 53.2 | 46.7 |
| 10:45 PM - 10:50 PM | 54.5 | 52.2 | 01:25 AM - 01:30 AM | 48.5 | 47.0 | 04:05 AM - 04:10 AM | 51.8 | 46.8 |
| 10:50 PM - 10:55 PM | 52.9 | 51.2 | 01:30 AM - 01:35 AM | 49.0 | 47.6 | 04:10 AM - 04:15 AM | 51.3 | 46.8 |
| 10:55 PM - 11:00 PM | 54.7 | 52.2 | 01:35 AM - 01:40 AM | 49.4 | 48.0 | 04:15 AM - 04:20 AM | 54.1 | 48.8 |
| 11:00 PM - 11:05 PM | 57.7 | 54.5 | 01:40 AM - 01:45 AM | 50.0 | 48.4 | 04:20 AM - 04:25 AM | 54.5 | 47.2 |
| 11:05 PM - 11:10 PM | 57.8 | 54.6 | 01:45 AM - 01:50 AM | 51.7 | 49.5 | 04:25 AM - 04:30 AM | 56.4 | 50.6 |
| 11:10 PM - 11:15 PM | 57.3 | 53.5 | 01:50 AM - 01:55 AM | 53.4 | 50.9 | 04:30 AM - 04:35 AM | 55.2 | 48.4 |
| 11:15 PM - 11:20 PM | 57.2 | 52.9 | 01:55 AM - 02:00 AM | 53.7 | 51.3 | 04:35 AM - 04:40 AM | 52.9 | 47.4 |
| 11:20 PM - 11:25 PM | 56.8 | 51.9 | 02:00 AM - 02:05 AM | 53.3 | 50.6 | 04:40 AM - 04:45 AM | 52.2 | 47.4 |
| 11:25 PM - 11:30 PM | 56.9 | 52.4 | 02:05 AM - 02:10 AM | 54.0 | 50.4 | 04:45 AM - 04:50 AM | 53.2 | 47.3 |
| 11:30 PM - 11:35 PM | 57.5 | 52.7 | 02:10 AM - 02:15 AM | 53.2 | 50.0 | 04:50 AM - 04:55 AM | 53.1 | 47.4 |
| 11:35 PM - 11:40 PM | 56.8 | 52.5 | 02:15 AM - 02:20 AM | 52.8 | 49.8 | 04:55 AM - 05:00 AM | 54.2 | 50.1 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854766-1



**Sample Number** 23128868-30
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 24 - Nov 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 AM - 05:05 AM | 53.2 | 49.8 | 07:40 AM - 07:45 AM | 52.1 | 42.8 | 10:20 AM - 10:25 AM | 41.8 | 38.0 |
| 05:05 AM - 05:10 AM | 53.0 | 49.3 | 07:45 AM - 07:50 AM | 52.5 | 41.7 | 10:25 AM - 10:30 AM | 43.0 | 38.6 |
| 05:10 AM - 05:15 AM | 54.2 | 49.5 | 07:50 AM - 07:55 AM | 44.7 | 40.9 | 10:30 AM - 10:35 AM | 46.3 | 38.5 |
| 05:15 AM - 05:20 AM | 51.5 | 46.2 | 07:55 AM - 08:00 AM | 47.8 | 41.0 | 10:35 AM - 10:40 AM | 41.4 | 36.8 |
| 05:20 AM - 05:25 AM | 48.9 | 46.0 | 08:00 AM - 08:05 AM | 46.0 | 41.9 | 10:40 AM - 10:45 AM | 42.1 | 37.7 |
| 05:25 AM - 05:30 AM | 48.4 | 45.8 | 08:05 AM - 08:10 AM | 46.3 | 41.4 | 10:45 AM - 10:50 AM | 45.1 | 40.6 |
| 05:30 AM - 05:35 AM | 50.2 | 47.1 | 08:10 AM - 08:15 AM | 44.2 | 39.2 | 10:50 AM - 10:55 AM | 43.0 | 39.5 |
| 05:35 AM - 05:40 AM | 51.1 | 48.8 | 08:15 AM - 08:19 AM | 44.1 | 40.7 | 10:55 AM - 11:00 AM | 56.5 | 43.0 |
| 05:40 AM - 05:45 AM | 50.2 | 47.9 | 08:20 AM - 08:25 AM | 45.1 | 41.0 | 11:00 AM - 11:05 AM | 45.8 | 41.5 |
| 05:45 AM - 05:50 AM | 49.5 | 47.7 | 08:25 AM - 08:30 AM | 45.0 | 40.2 | 11:05 AM - 11:10 AM | 42.8 | 38.4 |
| 05:50 AM - 05:55 AM | 50.5 | 47.6 | 08:30 AM - 08:35 AM | 45.9 | 40.4 | 11:10 AM - 11:15 AM | 41.8 | 38.6 |
| 05:55 AM - 06:00 AM | 53.1 | 48.1 | 08:35 AM - 08:40 AM | 46.9 | 40.8 | 11:15 AM - 11:20 AM | 46.1 | 39.7 |
| 06:00 AM - 06:05 AM | 52.4 | 48.8 | 08:40 AM - 08:45 AM | 48.9 | 40.9 | 11:20 AM - 11:25 AM | 46.9 | 39.4 |
| 06:05 AM - 06:10 AM | 51.4 | 48.9 | 08:45 AM - 08:50 AM | 41.9 | 39.8 | 11:25 AM - 11:30 AM | 45.2 | 40.6 |
| 06:10 AM - 06:15 AM | 52.3 | 48.6 | 08:50 AM - 08:55 AM | 42.4 | 39.5 | 11:30 AM - 11:35 AM | 67.9 | 42.0 |
| 06:15 AM - 06:20 AM | 52.1 | 48.4 | 08:55 AM - 09:00 AM | 45.8 | 40.6 | 11:35 AM - 11:40 AM | 47.8 | 43.5 |
| 06:20 AM - 06:25 AM | 51.6 | 47.2 | 09:00 AM - 09:05 AM | 45.0 | 40.3 | 11:40 AM - 11:45 AM | 42.4 | 38.3 |
| 06:25 AM - 06:30 AM | 51.3 | 46.7 | 09:05 AM - 09:10 AM | 44.3 | 39.5 | 11:45 AM - 11:50 AM | 47.9 | 43.3 |
| 06:30 AM - 06:35 AM | 50.5 | 47.1 | 09:10 AM - 09:15 AM | 43.3 | 39.5 | 11:50 AM - 11:55 AM | 45.9 | 41.4 |
| 06:35 AM - 06:40 AM | 48.8 | 46.3 | 09:15 AM - 09:20 AM | 43.1 | 39.1 | 11:55 AM - 12:00 PM | 44.1 | 40.0 |
| 06:40 AM - 06:45 AM | 49.8 | 46.3 | 09:20 AM - 09:25 AM | 40.5 | 37.5 | 12:00 PM - 12:05 PM | 45.4 | 39.3 |
| 06:45 AM - 06:50 AM | 48.2 | 45.9 | 09:25 AM - 09:30 AM | 44.3 | 38.7 | 12:05 PM - 12:10 PM | 46.8 | 41.6 |
| 06:50 AM - 06:55 AM | 48.6 | 45.6 | 09:30 AM - 09:35 AM | 44.3 | 37.9 | 12:10 PM - 12:15 PM | 49.9 | 44.2 |
| 06:55 AM - 07:00 AM | 49.9 | 44.9 | 09:35 AM - 09:40 AM | 44.8 | 38.0 | 12:15 PM - 12:20 PM | 46.1 | 41.0 |
| 07:00 AM - 07:05 AM | 48.3 | 44.6 | 09:40 AM - 09:45 AM | 41.3 | 37.6 | 12:20 PM - 12:25 PM | 48.7 | 41.0 |
| 07:05 AM - 07:10 AM | 48.0 | 44.8 | 09:45 AM - 09:50 AM | 40.4 | 37.6 | 12:25 PM - 12:30 PM | 46.9 | 43.1 |
| 07:10 AM - 07:15 AM | 49.4 | 45.3 | 09:50 AM - 09:55 AM | 49.2 | 38.2 | 12:30 PM - 12:35 PM | 45.8 | 41.6 |
| 07:15 AM - 07:20 AM | 49.7 | 44.9 | 09:55 AM - 10:00 AM | 43.6 | 37.8 | 12:35 PM - 12:40 PM | 46.9 | 40.3 |
| 07:20 AM - 07:25 AM | 48.0 | 43.6 | 10:00 AM - 10:05 AM | 45.5 | 39.0 | 12:40 PM - 12:45 PM | 45.2 | 40.4 |
| 07:25 AM - 07:30 AM | 50.5 | 42.9 | 10:05 AM - 10:10 AM | 47.4 | 39.7 | 12:45 PM - 12:50 PM | 41.8 | 39.0 |
| 07:30 AM - 07:35 AM | 50.6 | 43.5 | 10:10 AM - 10:15 AM | 40.1 | 37.3 | 12:50 PM - 12:55 PM | 43.2 | 36.6 |
| 07:35 AM - 07:40 AM | 52.1 | 43.5 | 10:15 AM - 10:20 AM | 41.6 | 38.8 | 12:55 PM - 01:00 PM | 44.4 | 38.3 |

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Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854767-1



**Sample Number** 23128868-31
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 PM - 01:05 PM | 43.5 | 39.8 | 03:40 PM - 03:45 PM | 40.6 | 38.3 | 06:20 PM - 06:25 PM | 51.2 | 47.7 |
| 01:05 PM - 01:10 PM | 43.2 | 39.0 | 03:45 PM - 03:50 PM | 44.1 | 39.0 | 06:25 PM - 06:30 PM | 52.2 | 48.3 |
| 01:10 PM - 01:15 PM | 46.0 | 37.2 | 03:50 PM - 03:55 PM | 40.8 | 37.8 | 06:30 PM - 06:35 PM | 55.2 | 49.8 |
| 01:15 PM - 01:20 PM | 45.9 | 39.8 | 03:55 PM - 04:00 PM | 40.6 | 37.8 | 06:35 PM - 06:40 PM | 56.0 | 50.2 |
| 01:20 PM - 01:25 PM | 40.9 | 38.0 | 04:00 PM - 04:05 PM | 41.4 | 38.5 | 06:40 PM - 06:45 PM | 56.5 | 53.2 |
| 01:25 PM - 01:30 PM | 43.7 | 37.6 | 04:05 PM - 04:10 PM | 44.4 | 40.7 | 06:45 PM - 06:50 PM | 57.1 | 53.6 |
| 01:30 PM - 01:35 PM | 42.7 | 38.9 | 04:10 PM - 04:15 PM | 43.7 | 40.8 | 06:50 PM - 06:55 PM | 57.0 | 54.0 |
| 01:35 PM - 01:40 PM | 43.8 | 37.5 | 04:15 PM - 04:20 PM | 44.1 | 40.8 | 06:55 PM - 07:00 PM | 57.0 | 53.3 |
| 01:40 PM - 01:45 PM | 42.8 | 37.7 | 04:20 PM - 04:25 PM | 46.3 | 40.5 | 07:00 PM - 07:05 PM | 57.8 | 53.4 |
| 01:45 PM - 01:50 PM | 45.0 | 38.9 | 04:25 PM - 04:30 PM | 42.4 | 39.1 | 07:05 PM - 07:10 PM | 57.5 | 53.7 |
| 01:50 PM - 01:55 PM | 43.5 | 38.4 | 04:30 PM - 04:35 PM | 44.0 | 39.9 | 07:10 PM - 07:15 PM | 58.8 | 56.0 |
| 01:55 PM - 02:00 PM | 44.9 | 39.3 | 04:35 PM - 04:40 PM | 45.7 | 41.6 | 07:15 PM - 07:20 PM | 57.7 | 52.2 |
| 02:00 PM - 02:05 PM | 49.3 | 39.5 | 04:40 PM - 04:45 PM | 50.0 | 43.2 | 07:20 PM - 07:25 PM | 58.4 | 55.5 |
| 02:05 PM - 02:10 PM | 42.5 | 38.7 | 04:45 PM - 04:50 PM | 51.1 | 44.0 | 07:25 PM - 07:30 PM | 58.7 | 56.2 |
| 02:10 PM - 02:15 PM | 45.3 | 38.1 | 04:50 PM - 04:55 PM | 49.2 | 44.1 | 07:30 PM - 07:35 PM | 57.9 | 55.6 |
| 02:15 PM - 02:20 PM | 42.7 | 37.8 | 04:55 PM - 05:00 PM | 49.2 | 44.3 | 07:35 PM - 07:40 PM | 58.1 | 56.1 |
| 02:20 PM - 02:25 PM | 49.1 | 42.0 | 05:00 PM - 05:05 PM | 45.7 | 42.5 | 07:40 PM - 07:45 PM | 54.1 | 50.0 |
| 02:25 PM - 02:30 PM | 44.1 | 38.3 | 05:05 PM - 05:10 PM | 46.4 | 42.8 | 07:45 PM - 07:50 PM | 54.2 | 51.0 |
| 02:30 PM - 02:35 PM | 41.3 | 38.5 | 05:10 PM - 05:15 PM | 46.8 | 43.0 | 07:50 PM - 07:55 PM | 54.7 | 51.0 |
| 02:35 PM - 02:40 PM | 43.1 | 39.8 | 05:15 PM - 05:20 PM | 47.3 | 43.6 | 07:55 PM - 08:00 PM | 56.2 | 53.5 |
| 02:40 PM - 02:45 PM | 48.0 | 39.4 | 05:20 PM - 05:25 PM | 47.1 | 43.3 | 08:00 PM - 08:05 PM | 57.1 | 54.7 |
| 02:45 PM - 02:50 PM | 49.3 | 39.4 | 05:25 PM - 05:30 PM | 46.8 | 43.3 | 08:05 PM - 08:10 PM | 57.7 | 55.4 |
| 02:50 PM - 02:55 PM | 47.4 | 40.2 | 05:30 PM - 05:35 PM | 46.9 | 43.4 | 08:10 PM - 08:15 PM | 56.8 | 53.4 |
| 02:55 PM - 03:00 PM | 43.9 | 38.6 | 05:35 PM - 05:40 PM | 47.8 | 44.5 | 08:15 PM - 08:20 PM | 53.9 | 49.6 |
| 03:00 PM - 03:05 PM | 43.7 | 39.2 | 05:40 PM - 05:45 PM | 46.9 | 44.2 | 08:20 PM - 08:25 PM | 55.7 | 51.6 |
| 03:05 PM - 03:10 PM | 44.9 | 39.9 | 05:45 PM - 05:50 PM | 49.8 | 44.7 | 08:25 PM - 08:30 PM | 57.0 | 52.6 |
| 03:10 PM - 03:15 PM | 42.9 | 37.9 | 05:50 PM - 05:55 PM | 49.6 | 45.0 | 08:30 PM - 08:35 PM | 54.4 | 50.3 |
| 03:15 PM - 03:20 PM | 41.8 | 37.2 | 05:55 PM - 06:00 PM | 49.1 | 45.7 | 08:35 PM - 08:40 PM | 56.1 | 52.4 |
| 03:20 PM - 03:25 PM | 42.1 | 36.9 | 06:00 PM - 06:05 PM | 50.0 | 46.4 | 08:40 PM - 08:45 PM | 56.5 | 52.7 |
| 03:25 PM - 03:30 PM | 46.3 | 38.6 | 06:05 PM - 06:10 PM | 48.4 | 46.2 | 08:45 PM - 08:50 PM | 56.4 | 51.7 |
| 03:30 PM - 03:35 PM | 41.4 | 38.0 | 06:10 PM - 06:15 PM | 50.4 | 47.8 | 08:50 PM - 08:55 PM | 56.4 | 53.0 |
| 03:35 PM - 03:40 PM | 42.1 | 37.8 | 06:15 PM - 06:20 PM | 49.8 | 47.2 | 08:55 PM - 09:00 PM | 56.9 | 54.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854767-1



**Sample Number** 23128868-31
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 25, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 25 - Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 PM - 09:05 PM | 51.6 | 47.7 | 11:40 PM - 11:45 PM | 65.3 | 51.8 | 02:20 AM - 02:25 AM | 53.4 | 47.8 |
| 09:05 PM - 09:10 PM | 51.6 | 49.2 | 11:45 PM - 11:50 PM | 59.1 | 50.7 | 02:25 AM - 02:30 AM | 55.9 | 50.7 |
| 09:10 PM - 09:15 PM | 54.3 | 49.6 | 11:50 PM - 11:55 PM | 56.1 | 49.7 | 02:30 AM - 02:35 AM | 56.2 | 50.8 |
| 09:15 PM - 09:20 PM | 53.8 | 51.1 | 11:55 PM - 12:00 AM | 55.1 | 50.5 | 02:35 AM - 02:40 AM | 56.2 | 50.8 |
| 09:20 PM - 09:25 PM | 52.1 | 49.3 | 12:00 AM - 12:05 AM | 56.9 | 50.6 | 02:40 AM - 02:45 AM | 56.5 | 51.4 |
| 09:25 PM - 09:30 PM | 50.9 | 48.1 | 12:05 AM - 12:10 AM | 56.0 | 50.1 | 02:45 AM - 02:50 AM | 53.9 | 49.5 |
| 09:30 PM - 09:35 PM | 52.9 | 49.1 | 12:10 AM - 12:15 AM | 54.5 | 50.7 | 02:50 AM - 02:55 AM | 51.2 | 49.0 |
| 09:35 PM - 09:40 PM | 56.2 | 51.8 | 12:15 AM - 12:20 AM | 54.4 | 50.7 | 02:55 AM - 03:00 AM | 50.4 | 48.1 |
| 09:40 PM - 09:45 PM | 56.6 | 49.1 | 12:20 AM - 12:25 AM | 55.8 | 49.9 | 03:00 AM - 03:05 AM | 49.6 | 47.9 |
| 09:45 PM - 09:50 PM | 57.2 | 52.1 | 12:25 AM - 12:30 AM | 56.2 | 50.5 | 03:05 AM - 03:10 AM | 49.7 | 47.6 |
| 09:50 PM - 09:55 PM | 57.8 | 52.7 | 12:30 AM - 12:35 AM | 56.5 | 50.4 | 03:10 AM - 03:15 AM | 49.0 | 47.3 |
| 09:55 PM - 10:00 PM | 60.0 | 52.5 | 12:35 AM - 12:40 AM | 56.6 | 51.0 | 03:15 AM - 03:20 AM | 49.0 | 47.9 |
| 10:00 PM - 10:05 PM | 57.9 | 53.0 | 12:40 AM - 12:45 AM | 56.8 | 51.0 | 03:20 AM - 03:25 AM | 49.0 | 47.0 |
| 10:05 PM - 10:10 PM | 57.1 | 51.9 | 12:45 AM - 12:50 AM | 56.1 | 50.1 | 03:25 AM - 03:30 AM | 48.1 | 46.8 |
| 10:10 PM - 10:15 PM | 57.6 | 52.8 | 12:50 AM - 12:55 AM | 56.0 | 49.7 | 03:30 AM - 03:35 AM | 48.7 | 47.2 |
| 10:15 PM - 10:20 PM | 58.0 | 52.8 | 12:55 AM - 01:00 AM | 55.9 | 48.8 | 03:35 AM - 03:40 AM | 49.9 | 48.3 |
| 10:20 PM - 10:25 PM | 57.3 | 50.7 | 01:00 AM - 01:05 AM | 55.7 | 48.2 | 03:40 AM - 03:45 AM | 51.3 | 49.4 |
| 10:25 PM - 10:30 PM | 57.4 | 51.9 | 01:05 AM - 01:10 AM | 56.0 | 50.1 | 03:45 AM - 03:50 AM | 51.6 | 49.5 |
| 10:30 PM - 10:35 PM | 55.8 | 50.6 | 01:10 AM - 01:15 AM | 56.7 | 51.9 | 03:50 AM - 03:55 AM | 51.0 | 48.8 |
| 10:35 PM - 10:40 PM | 54.9 | 50.7 | 01:15 AM - 01:20 AM | 56.6 | 52.0 | 03:55 AM - 04:00 AM | 50.3 | 48.5 |
| 10:40 PM - 10:45 PM | 55.5 | 50.9 | 01:20 AM - 01:25 AM | 56.6 | 52.1 | 04:00 AM - 04:05 AM | 49.9 | 48.1 |
| 10:45 PM - 10:50 PM | 55.5 | 50.9 | 01:25 AM - 01:30 AM | 55.1 | 48.6 | 04:05 AM - 04:10 AM | 49.6 | 48.0 |
| 10:50 PM - 10:55 PM | 55.4 | 50.8 | 01:30 AM - 01:35 AM | 54.2 | 50.3 | 04:10 AM - 04:15 AM | 49.0 | 47.4 |
| 10:55 PM - 11:00 PM | 55.6 | 51.4 | 01:35 AM - 01:40 AM | 55.0 | 49.7 | 04:15 AM - 04:20 AM | 48.4 | 46.2 |
| 11:00 PM - 11:05 PM | 55.7 | 49.6 | 01:40 AM - 01:45 AM | 54.6 | 49.9 | 04:20 AM - 04:25 AM | 48.3 | 46.0 |
| 11:05 PM - 11:10 PM | 56.9 | 50.2 | 01:45 AM - 01:50 AM | 55.2 | 50.2 | 04:25 AM - 04:30 AM | 48.1 | 46.0 |
| 11:10 PM - 11:15 PM | 56.2 | 49.7 | 01:50 AM - 01:55 AM | 55.4 | 50.8 | 04:30 AM - 04:35 AM | 49.5 | 46.3 |
| 11:15 PM - 11:20 PM | 57.1 | 50.1 | 01:55 AM - 02:00 AM | 55.0 | 50.1 | 04:35 AM - 04:40 AM | 48.8 | 46.1 |
| 11:20 PM - 11:25 PM | 56.6 | 49.9 | 02:00 AM - 02:05 AM | 55.4 | 50.7 | 04:40 AM - 04:45 AM | 46.8 | 44.9 |
| 11:25 PM - 11:30 PM | 55.7 | 49.5 | 02:05 AM - 02:10 AM | 55.8 | 52.3 | 04:45 AM - 04:50 AM | 45.7 | 44.2 |
| 11:30 PM - 11:35 PM | 56.1 | 49.6 | 02:10 AM - 02:15 AM | 55.9 | 52.6 | 04:50 AM - 04:55 AM | 45.5 | 44.2 |
| 11:35 PM - 11:40 PM | 55.9 | 50.3 | 02:15 AM - 02:20 AM | 55.7 | 52.3 | 04:55 AM - 05:00 AM | 47.4 | 43.8 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854767-1



**Sample Number** 23128868-31
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 25 - Nov 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 AM - 05:05 AM | 48.0 | 45.0 | 07:40 AM - 07:45 AM | 48.2 | 42.3 | 10:20 AM - 10:25 AM | 45.3 | 38.2 |
| 05:05 AM - 05:10 AM | 48.0 | 45.5 | 07:45 AM - 07:50 AM | 49.2 | 40.8 | 10:25 AM - 10:30 AM | 47.9 | 40.3 |
| 05:10 AM - 05:15 AM | 48.8 | 46.6 | 07:50 AM - 07:55 AM | 47.2 | 41.3 | 10:30 AM - 10:35 AM | 42.1 | 39.5 |
| 05:15 AM - 05:20 AM | 48.7 | 46.8 | 07:55 AM - 08:00 AM | 47.3 | 41.6 | 10:35 AM - 10:40 AM | 42.0 | 39.7 |
| 05:20 AM - 05:25 AM | 48.3 | 46.3 | 08:00 AM - 08:05 AM | 47.3 | 43.0 | 10:40 AM - 10:45 AM | 47.5 | 38.9 |
| 05:25 AM - 05:30 AM | 48.5 | 46.1 | 08:05 AM - 08:10 AM | 46.9 | 42.2 | 10:45 AM - 10:50 AM | 42.0 | 39.5 |
| 05:30 AM - 05:35 AM | 50.4 | 47.1 | 08:10 AM - 08:15 AM | 47.1 | 41.8 | 10:50 AM - 10:55 AM | 46.0 | 39.2 |
| 05:35 AM - 05:40 AM | 50.6 | 47.2 | 08:15 AM - 08:20 AM | 48.3 | 40.8 | 10:55 AM - 11:00 AM | 45.3 | 38.9 |
| 05:40 AM - 05:45 AM | 51.5 | 47.8 | 08:20 AM - 08:25 AM | 48.7 | 41.5 | 11:00 AM - 11:05 AM | 45.9 | 42.0 |
| 05:45 AM - 05:50 AM | 52.4 | 47.5 | 08:25 AM - 08:30 AM | 48.2 | 39.4 | 11:05 AM - 11:10 AM | 46.2 | 40.1 |
| 05:50 AM - 05:55 AM | 49.5 | 47.8 | 08:30 AM - 08:35 AM | 47.5 | 39.4 | 11:10 AM - 11:15 AM | 47.4 | 41.7 |
| 05:55 AM - 06:00 AM | 49.9 | 47.6 | 08:35 AM - 08:40 AM | 51.5 | 39.7 | 11:15 AM - 11:20 AM | 42.9 | 39.4 |
| 06:00 AM - 06:05 AM | 50.1 | 48.3 | 08:40 AM - 08:45 AM | 46.9 | 40.1 | 11:20 AM - 11:25 AM | 44.4 | 41.0 |
| 06:05 AM - 06:10 AM | 51.4 | 47.6 | 08:45 AM - 08:50 AM | 43.5 | 39.0 | 11:25 AM - 11:30 AM | 44.1 | 40.1 |
| 06:10 AM - 06:15 AM | 49.8 | 47.6 | 08:50 AM - 08:55 AM | 42.7 | 38.3 | 11:30 AM - 11:35 AM | 46.5 | 40.2 |
| 06:15 AM - 06:20 AM | 50.3 | 47.9 | 08:55 AM - 09:00 AM | 44.1 | 41.3 | 11:35 AM - 11:40 AM | 43.4 | 39.3 |
| 06:20 AM - 06:25 AM | 52.1 | 47.6 | 09:00 AM - 09:05 AM | 47.7 | 42.6 | 11:40 AM - 11:45 AM | 51.6 | 38.9 |
| 06:25 AM - 06:30 AM | 50.1 | 47.2 | 09:05 AM - 09:10 AM | 46.4 | 42.1 | 11:45 AM - 11:50 AM | 48.0 | 37.2 |
| 06:30 AM - 06:35 AM | 49.8 | 47.7 | 09:10 AM - 09:15 AM | 44.6 | 39.6 | 11:50 AM - 11:55 AM | 43.5 | 38.7 |
| 06:35 AM - 06:40 AM | 50.0 | 47.6 | 09:15 AM - 09:20 AM | 44.8 | 40.1 | 11:55 AM - 12:00 PM | 49.3 | 38.8 |
| 06:40 AM - 06:45 AM | 49.7 | 47.3 | 09:20 AM - 09:25 AM | 43.8 | 38.1 | 12:00 PM - 12:05 PM | 43.0 | 38.4 |
| 06:45 AM - 06:50 AM | 50.1 | 48.0 | 09:25 AM - 09:30 AM | 41.3 | 38.9 | 12:05 PM - 12:10 PM | 43.5 | 39.3 |
| 06:50 AM - 06:55 AM | 49.8 | 47.8 | 09:30 AM - 09:35 AM | 47.4 | 38.2 | 12:10 PM - 12:15 PM | 43.1 | 39.1 |
| 06:55 AM - 07:00 AM | 50.7 | 48.5 | 09:35 AM - 09:40 AM | 41.0 | 37.3 | 12:15 PM - 12:20 PM | 41.6 | 37.5 |
| 07:00 AM - 07:05 AM | 50.4 | 47.4 | 09:40 AM - 09:45 AM | 48.0 | 40.4 | 12:20 PM - 12:25 PM | 43.5 | 38.0 |
| 07:05 AM - 07:10 AM | 49.5 | 46.7 | 09:45 AM - 09:50 AM | 47.5 | 40.3 | 12:25 PM - 12:30 PM | 52.2 | 38.6 |
| 07:10 AM - 07:15 AM | 47.7 | 44.5 | 09:50 AM - 09:55 AM | 49.7 | 43.7 | 12:30 PM - 12:35 PM | 44.4 | 39.0 |
| 07:15 AM - 07:20 AM | 48.2 | 43.6 | 09:55 AM - 10:00 AM | 47.1 | 42.2 | 12:35 PM - 12:40 PM | 44.4 | 37.0 |
| 07:20 AM - 07:25 AM | 48.9 | 42.3 | 10:00 AM - 10:05 AM | 45.4 | 40.3 | 12:40 PM - 12:45 PM | 47.4 | 37.5 |
| 07:25 AM - 07:30 AM | 47.1 | 43.2 | 10:05 AM - 10:10 AM | 43.6 | 39.9 | 12:45 PM - 12:50 PM | 47.1 | 38.9 |
| 07:30 AM - 07:35 AM | 46.1 | 42.7 | 10:10 AM - 10:15 AM | 44.3 | 40.8 | 12:50 PM - 12:55 PM | 48.5 | 40.2 |
| 07:35 AM - 07:40 AM | 47.7 | 43.4 | 10:15 AM - 10:20 AM | 42.5 | 38.6 | 12:55 PM - 01:00 PM | 47.2 | 41.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854768-1



**Sample Number** 23128868-32
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 PM - 01:05 PM | 46.3 | 41.0 | 03:40 PM - 03:45 PM | 44.2 | 38.1 | 06:20 PM - 06:25 PM | 48.8 | 46.4 |
| 01:05 PM - 01:10 PM | 46.3 | 39.7 | 03:45 PM - 03:50 PM | 43.6 | 38.7 | 06:25 PM - 06:30 PM | 53.5 | 47.8 |
| 01:10 PM - 01:15 PM | 42.9 | 39.4 | 03:50 PM - 03:55 PM | 41.6 | 38.7 | 06:30 PM - 06:35 PM | 55.7 | 52.8 |
| 01:15 PM - 01:20 PM | 40.9 | 36.9 | 03:55 PM - 04:00 PM | 43.5 | 37.9 | 06:35 PM - 06:40 PM | 56.5 | 54.3 |
| 01:20 PM - 01:25 PM | 43.9 | 40.0 | 04:00 PM - 04:05 PM | 48.2 | 39.7 | 06:40 PM - 06:45 PM | 58.3 | 56.6 |
| 01:25 PM - 01:30 PM | 44.1 | 40.3 | 04:05 PM - 04:10 PM | 44.4 | 38.8 | 06:45 PM - 06:50 PM | 58.9 | 57.5 |
| 01:30 PM - 01:35 PM | 44.9 | 38.9 | 04:10 PM - 04:15 PM | 49.0 | 37.5 | 06:50 PM - 06:55 PM | 58.9 | 57.7 |
| 01:35 PM - 01:40 PM | 43.3 | 39.5 | 04:15 PM - 04:20 PM | 49.1 | 39.6 | 06:55 PM - 07:00 PM | 58.9 | 57.6 |
| 01:40 PM - 01:45 PM | 46.1 | 40.1 | 04:20 PM - 04:25 PM | 45.0 | 40.1 | 07:00 PM - 07:05 PM | 59.2 | 57.9 |
| 01:45 PM - 01:50 PM | 44.8 | 40.6 | 04:25 PM - 04:30 PM | 49.1 | 41.5 | 07:05 PM - 07:10 PM | 59.2 | 57.9 |
| 01:50 PM - 01:55 PM | 43.5 | 39.5 | 04:30 PM - 04:35 PM | 46.4 | 40.6 | 07:10 PM - 07:15 PM | 59.4 | 58.0 |
| 01:55 PM - 02:00 PM | 45.3 | 37.9 | 04:35 PM - 04:40 PM | 50.9 | 43.5 | 07:15 PM - 07:20 PM | 59.4 | 58.0 |
| 02:00 PM - 02:05 PM | 49.5 | 41.3 | 04:40 PM - 04:45 PM | 49.1 | 40.7 | 07:20 PM - 07:25 PM | 59.4 | 57.9 |
| 02:05 PM - 02:10 PM | 46.1 | 40.4 | 04:45 PM - 04:50 PM | 48.3 | 42.1 | 07:25 PM - 07:30 PM | 59.3 | 56.9 |
| 02:10 PM - 02:15 PM | 47.3 | 40.4 | 04:50 PM - 04:55 PM | 49.7 | 42.3 | 07:30 PM - 07:35 PM | 59.4 | 57.4 |
| 02:15 PM - 02:20 PM | 47.4 | 39.7 | 04:55 PM - 05:00 PM | 54.4 | 41.8 | 07:35 PM - 07:40 PM | 59.3 | 57.5 |
| 02:20 PM - 02:25 PM | 45.9 | 38.4 | 05:00 PM - 05:05 PM | 46.6 | 41.9 | 07:40 PM - 07:45 PM | 59.0 | 57.1 |
| 02:25 PM - 02:30 PM | 46.9 | 37.6 | 05:05 PM - 05:10 PM | 44.8 | 41.6 | 07:45 PM - 07:50 PM | 58.9 | 56.9 |
| 02:30 PM - 02:35 PM | 46.7 | 38.3 | 05:10 PM - 05:15 PM | 47.3 | 40.4 | 07:50 PM - 07:55 PM | 58.1 | 56.1 |
| 02:35 PM - 02:40 PM | 46.1 | 41.6 | 05:15 PM - 05:20 PM | 41.4 | 38.8 | 07:55 PM - 08:00 PM | 57.9 | 55.7 |
| 02:40 PM - 02:45 PM | 45.7 | 38.5 | 05:20 PM - 05:25 PM | 42.1 | 39.1 | 08:00 PM - 08:05 PM | 56.9 | 55.0 |
| 02:45 PM - 02:50 PM | 41.2 | 38.1 | 05:25 PM - 05:30 PM | 43.1 | 40.0 | 08:05 PM - 08:10 PM | 56.9 | 54.8 |
| 02:50 PM - 02:55 PM | 40.9 | 37.0 | 05:30 PM - 05:35 PM | 46.3 | 40.6 | 08:10 PM - 08:15 PM | 57.0 | 54.7 |
| 02:55 PM - 03:00 PM | 41.8 | 38.9 | 05:35 PM - 05:40 PM | 49.4 | 43.5 | 08:15 PM - 08:20 PM | 56.6 | 53.7 |
| 03:00 PM - 03:05 PM | 43.6 | 39.3 | 05:40 PM - 05:45 PM | 49.8 | 43.7 | 08:20 PM - 08:25 PM | 56.9 | 54.5 |
| 03:05 PM - 03:10 PM | 45.4 | 38.7 | 05:45 PM - 05:50 PM | 46.7 | 43.4 | 08:25 PM - 08:30 PM | 57.5 | 55.3 |
| 03:10 PM - 03:15 PM | 45.4 | 40.7 | 05:50 PM - 05:55 PM | 49.4 | 44.1 | 08:30 PM - 08:35 PM | 56.8 | 54.2 |
| 03:15 PM - 03:20 PM | 46.3 | 40.4 | 05:55 PM - 06:00 PM | 48.1 | 43.8 | 08:35 PM - 08:40 PM | 57.4 | 55.4 |
| 03:20 PM - 03:25 PM | 40.8 | 37.9 | 06:00 PM - 06:05 PM | 49.2 | 43.9 | 08:40 PM - 08:45 PM | 56.3 | 52.1 |
| 03:25 PM - 03:30 PM | 42.0 | 38.0 | 06:05 PM - 06:10 PM | 49.1 | 46.1 | 08:45 PM - 08:50 PM | 55.1 | 52.6 |
| 03:30 PM - 03:35 PM | 45.4 | 38.0 | 06:10 PM - 06:15 PM | 49.0 | 46.1 | 08:50 PM - 08:55 PM | 54.2 | 51.6 |
| 03:35 PM - 03:40 PM | 45.9 | 36.9 | 06:15 PM - 06:20 PM | 49.6 | 45.8 | 08:55 PM - 09:00 PM | 52.5 | 50.5 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854768-1



**Sample Number** 23128868-32
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 26, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 26 - Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 PM - 09:05 PM | 51.7 | 50.4 | 11:40 PM - 11:45 PM | 49.4 | 47.6 | 02:20 AM - 02:25 AM | 52.0 | 47.6 |
| 09:05 PM - 09:10 PM | 52.4 | 51.1 | 11:45 PM - 11:50 PM | 52.7 | 49.2 | 02:25 AM - 02:30 AM | 55.4 | 50.5 |
| 09:10 PM - 09:15 PM | 53.1 | 51.6 | 11:50 PM - 11:55 PM | 51.5 | 49.2 | 02:30 AM - 02:35 AM | 51.9 | 46.5 |
| 09:15 PM - 09:20 PM | 53.0 | 51.5 | 11:55 PM - 12:00 AM | 52.5 | 50.9 | 02:35 AM - 02:40 AM | 50.1 | 47.3 |
| 09:20 PM - 09:25 PM | 52.5 | 51.0 | 12:00 AM - 12:05 AM | 52.4 | 51.0 | 02:40 AM - 02:45 AM | 50.6 | 47.9 |
| 09:25 PM - 09:30 PM | 52.7 | 51.2 | 12:05 AM - 12:10 AM | 51.9 | 50.2 | 02:45 AM - 02:50 AM | 50.5 | 48.4 |
| 09:30 PM - 09:35 PM | 52.9 | 51.3 | 12:10 AM - 12:15 AM | 52.4 | 50.1 | 02:50 AM - 02:55 AM | 50.6 | 48.2 |
| 09:35 PM - 09:40 PM | 54.1 | 51.5 | 12:15 AM - 12:20 AM | 49.2 | 44.6 | 02:55 AM - 03:00 AM | 50.2 | 47.9 |
| 09:40 PM - 09:45 PM | 53.2 | 51.9 | 12:20 AM - 12:25 AM | 51.5 | 48.2 | 03:00 AM - 03:05 AM | 49.6 | 47.1 |
| 09:45 PM - 09:50 PM | 53.1 | 51.8 | 12:25 AM - 12:30 AM | 51.2 | 48.3 | 03:05 AM - 03:10 AM | 50.6 | 48.4 |
| 09:50 PM - 09:55 PM | 53.9 | 52.6 | 12:30 AM - 12:35 AM | 49.7 | 48.5 | 03:10 AM - 03:15 AM | 52.0 | 48.4 |
| 09:55 PM - 10:00 PM | 53.9 | 52.6 | 12:35 AM - 12:40 AM | 50.1 | 48.9 | 03:15 AM - 03:20 AM | 51.3 | 47.5 |
| 10:00 PM - 10:05 PM | 54.2 | 52.9 | 12:40 AM - 12:45 AM | 49.7 | 48.1 | 03:20 AM - 03:25 AM | 52.1 | 48.8 |
| 10:05 PM - 10:10 PM | 51.4 | 48.1 | 12:45 AM - 12:50 AM | 49.4 | 47.9 | 03:25 AM - 03:30 AM | 52.2 | 49.0 |
| 10:10 PM - 10:15 PM | 51.7 | 49.7 | 12:50 AM - 12:55 AM | 48.8 | 46.2 | 03:30 AM - 03:35 AM | 52.0 | 48.6 |
| 10:15 PM - 10:20 PM | 54.3 | 52.1 | 12:55 AM - 01:00 AM | 47.5 | 46.2 | 03:35 AM - 03:40 AM | 51.1 | 48.1 |
| 10:20 PM - 10:25 PM | 54.8 | 52.9 | 01:00 AM - 01:05 AM | 49.1 | 47.8 | 03:40 AM - 03:45 AM | 51.6 | 49.1 |
| 10:25 PM - 10:30 PM | 53.9 | 51.6 | 01:05 AM - 01:10 AM | 50.1 | 48.7 | 03:45 AM - 03:50 AM | 51.8 | 49.2 |
| 10:30 PM - 10:35 PM | 52.8 | 49.3 | 01:10 AM - 01:15 AM | 50.0 | 48.2 | 03:50 AM - 03:55 AM | 50.6 | 48.6 |
| 10:35 PM - 10:40 PM | 56.9 | 49.7 | 01:15 AM - 01:20 AM | 50.0 | 48.4 | 03:55 AM - 04:00 AM | 50.5 | 48.3 |
| 10:40 PM - 10:45 PM | 56.6 | 45.8 | 01:20 AM - 01:25 AM | 49.5 | 47.1 | 04:00 AM - 04:05 AM | 50.8 | 46.8 |
| 10:45 PM - 10:50 PM | 54.8 | 43.9 | 01:25 AM - 01:30 AM | 51.0 | 47.8 | 04:05 AM - 04:10 AM | 50.0 | 47.2 |
| 10:50 PM - 10:55 PM | 41.3 | 40.1 | 01:30 AM - 01:35 AM | 55.3 | 51.6 | 04:10 AM - 04:15 AM | 50.3 | 47.9 |
| 10:55 PM - 11:00 PM | 45.2 | 42.7 | 01:35 AM - 01:40 AM | 55.0 | 50.8 | 04:15 AM - 04:20 AM | 49.4 | 46.5 |
| 11:00 PM - 11:05 PM | 47.5 | 44.0 | 01:40 AM - 01:45 AM | 54.2 | 48.5 | 04:20 AM - 04:25 AM | 48.5 | 45.9 |
| 11:05 PM - 11:10 PM | 48.1 | 44.2 | 01:45 AM - 01:50 AM | 55.0 | 50.0 | 04:25 AM - 04:30 AM | 47.7 | 45.5 |
| 11:10 PM - 11:15 PM | 49.8 | 45.1 | 01:50 AM - 01:55 AM | 55.1 | 49.7 | 04:30 AM - 04:35 AM | 50.9 | 46.4 |
| 11:15 PM - 11:20 PM | 50.5 | 46.9 | 01:55 AM - 02:00 AM | 54.9 | 49.7 | 04:35 AM - 04:40 AM | 53.0 | 46.6 |
| 11:20 PM - 11:25 PM | 48.6 | 45.5 | 02:00 AM - 02:05 AM | 55.3 | 50.7 | 04:40 AM - 04:45 AM | 52.4 | 45.6 |
| 11:25 PM - 11:30 PM | 49.0 | 46.4 | 02:05 AM - 02:10 AM | 55.3 | 51.0 | 04:45 AM - 04:50 AM | 52.4 | 45.4 |
| 11:30 PM - 11:35 PM | 49.7 | 47.4 | 02:10 AM - 02:15 AM | 54.9 | 50.2 | 04:50 AM - 04:55 AM | 53.3 | 45.6 |
| 11:35 PM - 11:40 PM | 48.9 | 47.1 | 02:15 AM - 02:20 AM | 54.3 | 49.0 | 04:55 AM - 05:00 AM | 54.2 | 46.2 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854768-1



**Sample Number** 23128868-32
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 26 - Nov 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 AM - 05:05 AM | 51.1 | 46.2 | 07:40 AM - 07:45 AM | 58.3 | 50.8 | 10:20 AM - 10:25 AM | 47.1 | 41.6 |
| 05:05 AM - 05:10 AM | 51.7 | 47.7 | 07:45 AM - 07:50 AM | 57.7 | 47.6 | 10:25 AM - 10:30 AM | 46.0 | 41.8 |
| 05:10 AM - 05:15 AM | 49.7 | 46.8 | 07:50 AM - 07:55 AM | 59.2 | 47.1 | 10:30 AM - 10:35 AM | 44.8 | 42.1 |
| 05:15 AM - 05:20 AM | 53.6 | 49.4 | 07:55 AM - 08:00 AM | 52.0 | 44.6 | 10:35 AM - 10:40 AM | 45.7 | 41.5 |
| 05:20 AM - 05:25 AM | 53.7 | 50.1 | 08:00 AM - 08:05 AM | 54.5 | 46.0 | 10:40 AM - 10:45 AM | 45.6 | 42.0 |
| 05:25 AM - 05:30 AM | 54.5 | 50.1 | 08:05 AM - 08:10 AM | 57.5 | 44.3 | 10:45 AM - 10:50 AM | 43.9 | 40.2 |
| 05:30 AM - 05:35 AM | 52.8 | 49.5 | 08:10 AM - 08:15 AM | 47.6 | 43.7 | 10:50 AM - 10:55 AM | 44.0 | 40.4 |
| 05:35 AM - 05:40 AM | 50.6 | 47.6 | 08:15 AM - 08:20 AM | 50.9 | 46.2 | 10:55 AM - 11:00 AM | 44.7 | 39.6 |
| 05:40 AM - 05:45 AM | 51.7 | 48.8 | 08:20 AM - 08:25 AM | 50.6 | 46.8 | 11:00 AM - 11:05 AM | 44.0 | 40.6 |
| 05:45 AM - 05:50 AM | 51.4 | 48.9 | 08:25 AM - 08:30 AM | 52.1 | 46.0 | 11:05 AM - 11:10 AM | 42.0 | 39.7 |
| 05:50 AM - 05:55 AM | 53.4 | 49.4 | 08:30 AM - 08:35 AM | 47.6 | 43.5 | 11:10 AM - 11:15 AM | 43.9 | 41.0 |
| 05:55 AM - 06:00 AM | 51.3 | 49.2 | 08:35 AM - 08:40 AM | 45.3 | 43.0 | 11:15 AM - 11:20 AM | 43.9 | 40.7 |
| 06:00 AM - 06:05 AM | 51.4 | 48.5 | 08:40 AM - 08:45 AM | 46.3 | 43.3 | 11:20 AM - 11:25 AM | 43.4 | 40.5 |
| 06:05 AM - 06:10 AM | 49.4 | 47.0 | 08:45 AM - 08:50 AM | 45.1 | 43.1 | 11:25 AM - 11:30 AM | 42.0 | 38.8 |
| 06:10 AM - 06:15 AM | 49.1 | 46.1 | 08:50 AM - 08:55 AM | 46.4 | 42.2 | 11:30 AM - 11:35 AM | 46.2 | 39.6 |
| 06:15 AM - 06:20 AM | 48.5 | 46.4 | 08:55 AM - 09:00 AM | 46.0 | 43.4 | 11:35 AM - 11:40 AM | 45.1 | 41.5 |
| 06:20 AM - 06:25 AM | 49.4 | 46.2 | 09:00 AM - 09:05 AM | 46.1 | 41.6 | 11:40 AM - 11:45 AM | 44.2 | 40.1 |
| 06:25 AM - 06:30 AM | 48.8 | 46.2 | 09:05 AM - 09:10 AM | 45.8 | 42.0 | 11:45 AM - 11:50 AM | 44.3 | 41.5 |
| 06:30 AM - 06:35 AM | 48.2 | 46.4 | 09:10 AM - 09:15 AM | 45.7 | 41.0 | 11:50 AM - 11:55 AM | 43.2 | 40.7 |
| 06:35 AM - 06:40 AM | 48.1 | 45.6 | 09:15 AM - 09:20 AM | 46.2 | 40.0 | 11:55 AM - 12:00 PM | 44.9 | 39.2 |
| 06:40 AM - 06:45 AM | 48.0 | 45.0 | 09:20 AM - 09:25 AM | 47.4 | 42.5 | 12:00 PM - 12:05 PM | 46.0 | 41.5 |
| 06:45 AM - 06:50 AM | 47.7 | 45.1 | 09:25 AM - 09:30 AM | 45.0 | 41.5 | 12:05 PM - 12:10 PM | 47.1 | 43.7 |
| 06:50 AM - 06:55 AM | 46.9 | 45.2 | 09:30 AM - 09:35 AM | 44.8 | 42.2 | 12:10 PM - 12:15 PM | 52.0 | 40.9 |
| 06:55 AM - 07:00 AM | 47.0 | 45.3 | 09:35 AM - 09:40 AM | 45.2 | 42.1 | 12:15 PM - 12:20 PM | 49.9 | 41.1 |
| 07:00 AM - 07:05 AM | 48.4 | 45.1 | 09:40 AM - 09:45 AM | 47.6 | 42.9 | 12:20 PM - 12:25 PM | 56.9 | 43.2 |
| 07:05 AM - 07:10 AM | 48.1 | 44.9 | 09:45 AM - 09:50 AM | 47.8 | 43.5 | 12:25 PM - 12:30 PM | 58.3 | 44.3 |
| 07:10 AM - 07:15 AM | 50.3 | 45.2 | 09:50 AM - 09:55 AM | 48.9 | 44.3 | 12:30 PM - 12:35 PM | 58.8 | 45.9 |
| 07:15 AM - 07:20 AM | 48.7 | 45.7 | 09:55 AM - 10:00 AM | 46.9 | 42.7 | 12:35 PM - 12:40 PM | 59.7 | 47.8 |
| 07:20 AM - 07:25 AM | 50.9 | 45.8 | 10:00 AM - 10:05 AM | 45.5 | 40.7 | 12:40 PM - 12:45 PM | 57.3 | 47.1 |
| 07:25 AM - 07:30 AM | 56.1 | 46.5 | 10:05 AM - 10:10 AM | 46.1 | 40.2 | 12:45 PM - 12:50 PM | 59.2 | 46.2 |
| 07:30 AM - 07:35 AM | 53.3 | 46.1 | 10:10 AM - 10:15 AM | 44.2 | 39.5 | 12:50 PM - 12:55 PM | 53.0 | 42.6 |
| 07:35 AM - 07:40 AM | 56.2 | 50.4 | 10:15 AM - 10:20 AM | 44.1 | 40.7 | 12:55 PM - 01:00 PM | 48.0 | 38.4 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854769-1



**Sample Number** 23128868-33
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 PM - 01:05 PM | 46.2 | 38.8 | 03:40 PM - 03:45 PM | 58.4 | 44.1 | 06:20 PM - 06:25 PM | 57.8 | 55.2 |
| 01:05 PM - 01:10 PM | 42.0 | 38.8 | 03:45 PM - 03:50 PM | 53.3 | 45.0 | 06:25 PM - 06:30 PM | 57.3 | 55.1 |
| 01:10 PM - 01:15 PM | 43.6 | 39.0 | 03:50 PM - 03:55 PM | 54.6 | 44.1 | 06:30 PM - 06:35 PM | 59.7 | 56.7 |
| 01:15 PM - 01:20 PM | 41.7 | 38.1 | 03:55 PM - 04:00 PM | 50.5 | 44.3 | 06:35 PM - 06:40 PM | 63.9 | 58.3 |
| 01:20 PM - 01:25 PM | 43.8 | 38.5 | 04:00 PM - 04:05 PM | 47.3 | 42.5 | 06:40 PM - 06:45 PM | 68.3 | 60.6 |
| 01:25 PM - 01:30 PM | 44.4 | 40.9 | 04:05 PM - 04:10 PM | 50.2 | 43.8 | 06:45 PM - 06:50 PM | 67.8 | 60.2 |
| 01:30 PM - 01:35 PM | 43.3 | 39.6 | 04:10 PM - 04:15 PM | 50.3 | 42.3 | 06:50 PM - 06:55 PM | 68.1 | 60.2 |
| 01:35 PM - 01:40 PM | 46.2 | 41.5 | 04:15 PM - 04:20 PM | 48.0 | 41.6 | 06:55 PM - 07:00 PM | 67.0 | 59.2 |
| 01:40 PM - 01:45 PM | 45.5 | 41.9 | 04:20 PM - 04:25 PM | 49.1 | 42.5 | 07:00 PM - 07:05 PM | 66.7 | 59.2 |
| 01:45 PM - 01:50 PM | 46.1 | 41.9 | 04:25 PM - 04:30 PM | 46.8 | 42.1 | 07:05 PM - 07:10 PM | 67.0 | 58.5 |
| 01:50 PM - 01:55 PM | 45.6 | 41.5 | 04:30 PM - 04:35 PM | 46.7 | 42.0 | 07:10 PM - 07:15 PM | 67.1 | 58.4 |
| 01:55 PM - 02:00 PM | 41.6 | 39.4 | 04:35 PM - 04:40 PM | 54.8 | 42.0 | 07:15 PM - 07:20 PM | 66.6 | 58.6 |
| 02:00 PM - 02:05 PM | 42.9 | 40.4 | 04:40 PM - 04:45 PM | 45.2 | 41.2 | 07:20 PM - 07:25 PM | 65.9 | 58.1 |
| 02:05 PM - 02:10 PM | 44.4 | 42.3 | 04:45 PM - 04:50 PM | 49.4 | 40.2 | 07:25 PM - 07:30 PM | 58.4 | 56.6 |
| 02:10 PM - 02:15 PM | 44.2 | 41.0 | 04:50 PM - 04:55 PM | 49.3 | 42.5 | 07:30 PM - 07:35 PM | 58.2 | 56.2 |
| 02:15 PM - 02:20 PM | 43.4 | 39.9 | 04:55 PM - 05:00 PM | 46.5 | 41.8 | 07:35 PM - 07:40 PM | 58.2 | 56.0 |
| 02:20 PM - 02:25 PM | 43.5 | 40.3 | 05:00 PM - 05:05 PM | 47.4 | 43.5 | 07:40 PM - 07:45 PM | 57.6 | 55.2 |
| 02:25 PM - 02:30 PM | 43.8 | 40.6 | 05:05 PM - 05:10 PM | 47.0 | 43.1 | 07:45 PM - 07:50 PM | 58.1 | 55.6 |
| 02:30 PM - 02:35 PM | 44.1 | 39.8 | 05:10 PM - 05:15 PM | 46.1 | 42.1 | 07:50 PM - 07:55 PM | 58.0 | 55.7 |
| 02:35 PM - 02:40 PM | 44.3 | 40.1 | 05:15 PM - 05:20 PM | 47.1 | 42.8 | 07:55 PM - 08:00 PM | 58.3 | 56.1 |
| 02:40 PM - 02:45 PM | 58.4 | 44.1 | 05:20 PM - 05:25 PM | 44.8 | 42.6 | 08:00 PM - 08:05 PM | 58.9 | 57.3 |
| 02:45 PM - 02:50 PM | 59.4 | 45.3 | 05:25 PM - 05:30 PM | 50.5 | 43.5 | 08:05 PM - 08:10 PM | 58.4 | 56.3 |
| 02:50 PM - 02:55 PM | 60.2 | 47.6 | 05:30 PM - 05:35 PM | 48.6 | 45.3 | 08:10 PM - 08:15 PM | 58.6 | 56.5 |
| 02:55 PM - 03:00 PM | 60.1 | 47.2 | 05:35 PM - 05:40 PM | 47.8 | 45.1 | 08:15 PM - 08:20 PM | 59.2 | 56.6 |
| 03:00 PM - 03:05 PM | 58.6 | 45.5 | 05:40 PM - 05:45 PM | 50.4 | 46.2 | 08:20 PM - 08:25 PM | 59.2 | 56.9 |
| 03:05 PM - 03:10 PM | 58.4 | 46.4 | 05:45 PM - 05:50 PM | 52.3 | 46.2 | 08:25 PM - 08:30 PM | 58.8 | 56.5 |
| 03:10 PM - 03:15 PM | 57.6 | 47.2 | 05:50 PM - 05:55 PM | 49.3 | 43.6 | 08:30 PM - 08:35 PM | 59.0 | 56.9 |
| 03:15 PM - 03:20 PM | 59.3 | 45.0 | 05:55 PM - 06:00 PM | 50.0 | 45.3 | 08:35 PM - 08:40 PM | 58.9 | 56.8 |
| 03:20 PM - 03:25 PM | 52.1 | 42.9 | 06:00 PM - 06:05 PM | 51.0 | 46.5 | 08:40 PM - 08:45 PM | 59.5 | 57.4 |
| 03:25 PM - 03:30 PM | 54.7 | 46.1 | 06:05 PM - 06:10 PM | 51.7 | 47.9 | 08:45 PM - 08:50 PM | 59.5 | 57.3 |
| 03:30 PM - 03:35 PM | 57.3 | 47.2 | 06:10 PM - 06:15 PM | 53.1 | 50.6 | 08:50 PM - 08:55 PM | 58.7 | 56.3 |
| 03:35 PM - 03:40 PM | 56.9 | 46.0 | 06:15 PM - 06:20 PM | 55.0 | 50.8 | 08:55 PM - 09:00 PM | 58.4 | 55.6 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854769-1



**Sample Number** 23128868-33
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 27, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 27 - Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 PM - 09:05 PM | 60.5 | 56.8 | 11:40 PM - 11:45 PM | 51.2 | 49.1 | 02:20 AM - 02:25 AM | 56.1 | 51.2 |
| 09:05 PM - 09:10 PM | 57.8 | 55.5 | 11:45 PM - 11:50 PM | 51.3 | 49.5 | 02:25 AM - 02:30 AM | 55.0 | 50.2 |
| 09:10 PM - 09:15 PM | 55.9 | 52.7 | 11:50 PM - 11:55 PM | 51.6 | 49.3 | 02:30 AM - 02:35 AM | 68.1 | 48.8 |
| 09:15 PM - 09:20 PM | 55.7 | 52.9 | 11:55 PM - 12:00 AM | 51.5 | 48.4 | 02:35 AM - 02:40 AM | 49.0 | 46.0 |
| 09:20 PM - 09:25 PM | 56.7 | 53.9 | 12:00 AM - 12:05 AM | 50.1 | 47.2 | 02:40 AM - 02:45 AM | 48.6 | 46.0 |
| 09:25 PM - 09:30 PM | 57.0 | 54.7 | 12:05 AM - 12:10 AM | 50.3 | 47.3 | 02:45 AM - 02:50 AM | 51.9 | 47.5 |
| 09:30 PM - 09:35 PM | 59.4 | 54.8 | 12:10 AM - 12:15 AM | 49.1 | 46.8 | 02:50 AM - 02:55 AM | 52.7 | 48.7 |
| 09:35 PM - 09:40 PM | 67.3 | 52.6 | 12:15 AM - 12:20 AM | 49.2 | 46.8 | 02:55 AM - 03:00 AM | 51.6 | 46.5 |
| 09:40 PM - 09:45 PM | 57.0 | 52.0 | 12:20 AM - 12:25 AM | 48.3 | 46.2 | 03:00 AM - 03:05 AM | 52.7 | 47.6 |
| 09:45 PM - 09:50 PM | 54.0 | 49.0 | 12:25 AM - 12:30 AM | 49.8 | 47.2 | 03:05 AM - 03:10 AM | 53.1 | 48.1 |
| 09:50 PM - 09:55 PM | 53.9 | 50.1 | 12:30 AM - 12:35 AM | 50.8 | 47.5 | 03:10 AM - 03:15 AM | 54.9 | 49.8 |
| 09:55 PM - 10:00 PM | 56.0 | 51.5 | 12:35 AM - 12:40 AM | 51.8 | 48.1 | 03:15 AM - 03:20 AM | 54.3 | 49.3 |
| 10:00 PM - 10:05 PM | 54.7 | 51.5 | 12:40 AM - 12:45 AM | 51.8 | 46.8 | 03:20 AM - 03:25 AM | 53.8 | 48.5 |
| 10:05 PM - 10:10 PM | 54.4 | 50.8 | 12:45 AM - 12:50 AM | 55.6 | 50.2 | 03:25 AM - 03:30 AM | 52.5 | 44.9 |
| 10:10 PM - 10:15 PM | 55.2 | 51.7 | 12:50 AM - 12:55 AM | 55.2 | 48.9 | 03:30 AM - 03:35 AM | 50.1 | 43.8 |
| 10:15 PM - 10:20 PM | 55.0 | 51.8 | 12:55 AM - 01:00 AM | 55.1 | 48.8 | 03:35 AM - 03:40 AM | 48.0 | 44.1 |
| 10:20 PM - 10:25 PM | 54.0 | 51.5 | 01:00 AM - 01:05 AM | 54.5 | 48.1 | 03:40 AM - 03:45 AM | 48.6 | 45.1 |
| 10:25 PM - 10:30 PM | 52.1 | 50.1 | 01:05 AM - 01:10 AM | 54.7 | 47.5 | 03:45 AM - 03:50 AM | 50.6 | 47.0 |
| 10:30 PM - 10:35 PM | 53.5 | 51.1 | 01:10 AM - 01:15 AM | 54.6 | 47.6 | 03:50 AM - 03:55 AM | 49.5 | 45.5 |
| 10:35 PM - 10:40 PM | 53.2 | 51.0 | 01:15 AM - 01:20 AM | 54.7 | 48.2 | 03:55 AM - 04:00 AM | 48.1 | 44.0 |
| 10:40 PM - 10:45 PM | 53.6 | 51.0 | 01:20 AM - 01:25 AM | 55.3 | 49.5 | 04:00 AM - 04:05 AM | 47.4 | 43.8 |
| 10:45 PM - 10:50 PM | 54.8 | 51.1 | 01:25 AM - 01:30 AM | 55.4 | 50.6 | 04:05 AM - 04:10 AM | 46.3 | 43.5 |
| 10:50 PM - 10:55 PM | 54.7 | 51.8 | 01:30 AM - 01:35 AM | 55.8 | 50.5 | 04:10 AM - 04:15 AM | 47.9 | 43.4 |
| 10:55 PM - 11:00 PM | 54.7 | 51.8 | 01:35 AM - 01:40 AM | 56.2 | 51.9 | 04:15 AM - 04:20 AM | 50.8 | 43.9 |
| 11:00 PM - 11:05 PM | 54.3 | 51.3 | 01:40 AM - 01:45 AM | 56.8 | 52.5 | 04:20 AM - 04:25 AM | 49.6 | 44.1 |
| 11:05 PM - 11:10 PM | 54.5 | 51.5 | 01:45 AM - 01:50 AM | 56.5 | 52.2 | 04:25 AM - 04:30 AM | 50.4 | 44.3 |
| 11:10 PM - 11:15 PM | 54.7 | 51.6 | 01:50 AM - 01:55 AM | 56.3 | 51.9 | 04:30 AM - 04:35 AM | 51.1 | 44.5 |
| 11:15 PM - 11:20 PM | 54.6 | 51.1 | 01:55 AM - 02:00 AM | 56.3 | 52.1 | 04:35 AM - 04:40 AM | 57.2 | 46.2 |
| 11:20 PM - 11:25 PM | 54.1 | 50.7 | 02:00 AM - 02:05 AM | 56.3 | 52.0 | 04:40 AM - 04:45 AM | 50.1 | 45.1 |
| 11:25 PM - 11:30 PM | 53.9 | 50.5 | 02:05 AM - 02:10 AM | 56.3 | 51.6 | 04:45 AM - 04:50 AM | 50.9 | 45.5 |
| 11:30 PM - 11:35 PM | 53.7 | 50.3 | 02:10 AM - 02:15 AM | 55.9 | 50.4 | 04:50 AM - 04:55 AM | 51.1 | 45.2 |
| 11:35 PM - 11:40 PM | 52.5 | 49.7 | 02:15 AM - 02:20 AM | 55.2 | 49.6 | 04:55 AM - 05:00 AM | 51.2 | 44.7 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854769-1



**Sample Number** 23128868-33
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 27 - Nov 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 AM - 05:05 AM | 61.5 | 53.2 | 07:40 AM - 07:45 AM | 57.9 | 50.8 | 10:20 AM - 10:25 AM | 43.1 | 39.0 |
| 05:05 AM - 05:10 AM | 52.2 | 47.6 | 07:45 AM - 07:50 AM | 59.3 | 52.0 | 10:25 AM - 10:30 AM | 48.8 | 42.1 |
| 05:10 AM - 05:15 AM | 52.9 | 46.7 | 07:50 AM - 07:55 AM | 58.1 | 43.2 | 10:30 AM - 10:35 AM | 44.8 | 40.1 |
| 05:15 AM - 05:20 AM | 53.7 | 48.8 | 07:55 AM - 08:00 AM | 45.0 | 41.2 | 10:35 AM - 10:40 AM | 47.4 | 40.3 |
| 05:20 AM - 05:25 AM | 53.1 | 49.6 | 08:00 AM - 08:05 AM | 51.0 | 40.8 | 10:40 AM - 10:45 AM | 46.9 | 39.8 |
| 05:25 AM - 05:30 AM | 54.4 | 47.5 | 08:05 AM - 08:10 AM | 43.9 | 40.5 | 10:45 AM - 10:50 AM | 45.4 | 40.3 |
| 05:30 AM - 05:35 AM | 57.2 | 49.0 | 08:10 AM - 08:15 AM | 48.0 | 43.7 | 10:50 AM - 10:55 AM | 45.8 | 40.8 |
| 05:35 AM - 05:40 AM | 51.6 | 47.9 | 08:15 AM - 08:20 AM | 46.9 | 42.2 | 10:55 AM - 11:00 AM | 49.6 | 40.7 |
| 05:40 AM - 05:45 AM | 52.6 | 47.3 | 08:20 AM - 08:25 AM | 47.2 | 41.7 | 11:00 AM - 11:05 AM | 46.1 | 38.3 |
| 05:45 AM - 05:50 AM | 51.6 | 47.9 | 08:25 AM - 08:30 AM | 43.7 | 40.6 | 11:05 AM - 11:10 AM | 49.7 | 39.2 |
| 05:50 AM - 05:55 AM | 49.6 | 47.0 | 08:30 AM - 08:35 AM | 48.6 | 39.5 | 11:10 AM - 11:15 AM | 48.1 | 39.7 |
| 05:55 AM - 06:00 AM | 53.0 | 46.9 | 08:35 AM - 08:40 AM | 46.3 | 40.1 | 11:15 AM - 11:20 AM | 49.1 | 43.2 |
| 06:00 AM - 06:05 AM | 54.7 | 49.7 | 08:40 AM - 08:45 AM | 49.5 | 40.6 | 11:20 AM - 11:25 AM | 50.3 | 41.5 |
| 06:05 AM - 06:10 AM | 53.4 | 47.7 | 08:45 AM - 08:50 AM | 47.8 | 39.3 | 11:25 AM - 11:30 AM | 51.1 | 39.6 |
| 06:10 AM - 06:15 AM | 53.8 | 46.9 | 08:50 AM - 08:55 AM | 46.3 | 39.8 | 11:30 AM - 11:35 AM | 53.7 | 39.8 |
| 06:15 AM - 06:20 AM | 55.6 | 48.0 | 08:55 AM - 09:00 AM | 49.8 | 39.7 | 11:35 AM - 11:40 AM | 50.4 | 38.5 |
| 06:20 AM - 06:25 AM | 54.1 | 45.2 | 09:00 AM - 09:05 AM | 44.2 | 40.5 | 11:40 AM - 11:45 AM | 47.9 | 39.4 |
| 06:25 AM - 06:30 AM | 51.4 | 44.5 | 09:05 AM - 09:10 AM | 45.4 | 39.8 | 11:45 AM - 11:50 AM | 52.7 | 39.4 |
| 06:30 AM - 06:35 AM | 52.6 | 44.8 | 09:10 AM - 09:15 AM | 46.5 | 39.2 | 11:50 AM - 11:55 AM | 51.6 | 40.6 |
| 06:35 AM - 06:40 AM | 51.4 | 44.3 | 09:15 AM - 09:20 AM | 46.5 | 40.1 | 11:55 AM - 12:00 PM | 52.0 | 40.9 |
| 06:40 AM - 06:45 AM | 51.7 | 44.0 | 09:20 AM - 09:25 AM | 44.4 | 39.7 | 12:00 PM - 12:05 PM | 59.2 | 44.0 |
| 06:45 AM - 06:50 AM | 48.9 | 42.8 | 09:25 AM - 09:30 AM | 47.3 | 40.0 | 12:05 PM - 12:10 PM | 56.4 | 43.4 |
| 06:50 AM - 06:55 AM | 47.2 | 43.1 | 09:30 AM - 09:35 AM | 48.3 | 40.2 | 12:10 PM - 12:15 PM | 61.9 | 47.1 |
| 06:55 AM - 07:00 AM | 48.7 | 42.6 | 09:35 AM - 09:40 AM | 46.0 | 39.4 | 12:15 PM - 12:20 PM | 60.8 | 48.2 |
| 07:00 AM - 07:05 AM | 48.4 | 43.7 | 09:40 AM - 09:45 AM | 44.2 | 39.2 | 12:20 PM - 12:25 PM | 61.9 | 50.0 |
| 07:05 AM - 07:10 AM | 53.1 | 43.9 | 09:45 AM - 09:50 AM | 41.4 | 38.7 | 12:25 PM - 12:30 PM | 63.9 | 53.0 |
| 07:10 AM - 07:15 AM | 48.1 | 43.7 | 09:50 AM - 09:55 AM | 45.3 | 39.1 | 12:30 PM - 12:35 PM | 64.5 | 53.2 |
| 07:15 AM - 07:20 AM | 49.0 | 42.9 | 09:55 AM - 10:00 AM | 46.5 | 39.1 | 12:35 PM - 12:40 PM | 63.7 | 52.7 |
| 07:20 AM - 07:25 AM | 58.5 | 44.5 | 10:00 AM - 10:05 AM | 47.9 | 39.7 | 12:40 PM - 12:45 PM | 63.9 | 53.3 |
| 07:25 AM - 07:30 AM | 58.4 | 50.3 | 10:05 AM - 10:10 AM | 45.8 | 41.2 | 12:45 PM - 12:50 PM | 63.3 | 52.0 |
| 07:30 AM - 07:35 AM | 57.8 | 50.1 | 10:10 AM - 10:15 AM | 47.8 | 43.0 | 12:50 PM - 12:55 PM | 59.8 | 40.6 |
| 07:35 AM - 07:40 AM | 56.1 | 50.7 | 10:15 AM - 10:20 AM | 45.4 | 41.8 | 12:55 PM - 01:00 PM | 51.0 | 37.9 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854770-1



**Sample Number** 23128868-34
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 PM - 01:05 PM | 41.9 | 37.8 | 03:40 PM - 03:45 PM | 56.3 | 45.8 | 06:20 PM - 06:25 PM | 53.9 | 51.6 |
| 01:05 PM - 01:10 PM | 43.2 | 38.5 | 03:45 PM - 03:50 PM | 55.0 | 44.8 | 06:25 PM - 06:30 PM | 56.4 | 53.9 |
| 01:10 PM - 01:15 PM | 42.0 | 38.7 | 03:50 PM - 03:55 PM | 58.3 | 49.0 | 06:30 PM - 06:35 PM | 56.8 | 54.4 |
| 01:15 PM - 01:20 PM | 42.2 | 38.9 | 03:55 PM - 04:00 PM | 58.5 | 46.4 | 06:35 PM - 06:40 PM | 57.1 | 55.0 |
| 01:20 PM - 01:25 PM | 48.2 | 41.0 | 04:00 PM - 04:05 PM | 58.0 | 46.0 | 06:40 PM - 06:45 PM | 57.3 | 52.6 |
| 01:25 PM - 01:30 PM | 45.0 | 39.3 | 04:05 PM - 04:10 PM | 64.5 | 53.2 | 06:45 PM - 06:50 PM | 56.1 | 52.4 |
| 01:30 PM - 01:35 PM | 45.4 | 39.9 | 04:10 PM - 04:15 PM | 54.0 | 44.5 | 06:50 PM - 06:55 PM | 56.0 | 52.4 |
| 01:35 PM - 01:40 PM | 45.6 | 39.7 | 04:15 PM - 04:20 PM | 56.6 | 44.9 | 06:55 PM - 07:00 PM | 53.3 | 47.9 |
| 01:40 PM - 01:45 PM | 49.2 | 38.2 | 04:20 PM - 04:25 PM | 59.2 | 47.3 | 07:00 PM - 07:05 PM | 60.1 | 53.0 |
| 01:45 PM - 01:50 PM | 45.5 | 38.6 | 04:25 PM - 04:30 PM | 51.3 | 44.4 | 07:05 PM - 07:10 PM | 61.7 | 53.3 |
| 01:50 PM - 01:55 PM | 45.8 | 40.6 | 04:30 PM - 04:35 PM | 50.3 | 43.7 | 07:10 PM - 07:15 PM | 64.1 | 57.0 |
| 01:55 PM - 02:00 PM | 43.7 | 40.4 | 04:35 PM - 04:40 PM | 48.0 | 43.8 | 07:15 PM - 07:20 PM | 64.5 | 58.2 |
| 02:00 PM - 02:05 PM | 49.3 | 42.7 | 04:40 PM - 04:45 PM | 51.3 | 44.3 | 07:20 PM - 07:25 PM | 64.0 | 57.4 |
| 02:05 PM - 02:10 PM | 45.7 | 40.9 | 04:45 PM - 04:50 PM | 46.7 | 43.8 | 07:25 PM - 07:30 PM | 63.6 | 57.2 |
| 02:10 PM - 02:15 PM | 62.2 | 41.0 | 04:50 PM - 04:55 PM | 51.7 | 45.3 | 07:30 PM - 07:35 PM | 63.7 | 57.3 |
| 02:15 PM - 02:20 PM | 51.0 | 41.8 | 04:55 PM - 05:00 PM | 53.6 | 45.0 | 07:35 PM - 07:40 PM | 62.9 | 58.0 |
| 02:20 PM - 02:25 PM | 56.3 | 43.2 | 05:00 PM - 05:05 PM | 48.6 | 43.0 | 07:40 PM - 07:45 PM | 62.8 | 50.1 |
| 02:25 PM - 02:30 PM | 53.3 | 43.5 | 05:05 PM - 05:10 PM | 45.1 | 42.6 | 07:45 PM - 07:50 PM | 59.0 | 54.3 |
| 02:30 PM - 02:35 PM | 57.0 | 44.9 | 05:10 PM - 05:15 PM | 44.2 | 42.2 | 07:50 PM - 07:55 PM | 64.6 | 57.3 |
| 02:35 PM - 02:40 PM | 55.0 | 45.5 | 05:15 PM - 05:20 PM | 44.7 | 42.4 | 07:55 PM - 08:00 PM | 60.9 | 54.3 |
| 02:40 PM - 02:45 PM | 59.3 | 49.9 | 05:20 PM - 05:25 PM | 45.5 | 42.8 | 08:00 PM - 08:05 PM | 57.6 | 54.7 |
| 02:45 PM - 02:50 PM | 59.8 | 49.1 | 05:25 PM - 05:30 PM | 45.8 | 43.2 | 08:05 PM - 08:10 PM | 57.5 | 54.7 |
| 02:50 PM - 02:55 PM | 63.8 | 50.7 | 05:30 PM - 05:35 PM | 46.1 | 42.8 | 08:10 PM - 08:15 PM | 58.9 | 56.0 |
| 02:55 PM - 03:00 PM | 62.7 | 50.1 | 05:35 PM - 05:40 PM | 46.5 | 42.9 | 08:15 PM - 08:20 PM | 57.2 | 53.1 |
| 03:00 PM - 03:05 PM | 62.8 | 49.2 | 05:40 PM - 05:45 PM | 53.0 | 43.3 | 08:20 PM - 08:25 PM | 58.4 | 52.5 |
| 03:05 PM - 03:10 PM | 63.8 | 48.6 | 05:45 PM - 05:50 PM | 56.6 | 42.9 | 08:25 PM - 08:30 PM | 56.2 | 51.6 |
| 03:10 PM - 03:15 PM | 59.8 | 43.2 | 05:50 PM - 05:55 PM | 46.2 | 41.8 | 08:30 PM - 08:35 PM | 56.1 | 52.6 |
| 03:15 PM - 03:20 PM | 55.4 | 45.2 | 05:55 PM - 06:00 PM | 50.5 | 42.8 | 08:35 PM - 08:40 PM | 56.1 | 52.0 |
| 03:20 PM - 03:25 PM | 53.5 | 45.1 | 06:00 PM - 06:05 PM | 49.5 | 42.3 | 08:40 PM - 08:45 PM | 55.9 | 52.8 |
| 03:25 PM - 03:30 PM | 55.5 | 47.5 | 06:05 PM - 06:10 PM | 51.4 | 44.4 | 08:45 PM - 08:50 PM | 57.0 | 52.2 |
| 03:30 PM - 03:35 PM | 53.9 | 45.0 | 06:10 PM - 06:15 PM | 52.8 | 49.7 | 08:50 PM - 08:55 PM | 56.7 | 50.1 |
| 03:35 PM - 03:40 PM | 56.6 | 45.9 | 06:15 PM - 06:20 PM | 54.2 | 52.3 | 08:55 PM - 09:00 PM | 55.5 | 48.7 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854770-1



**Sample Number** 23128868-34
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 28, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 28 - Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 PM - 09:05 PM | 54.9 | 49.8 | 11:40 PM - 11:45 PM | 51.7 | 44.3 | 02:20 AM - 02:25 AM | 44.9 | 42.7 |
| 09:05 PM - 09:10 PM | 57.7 | 53.2 | 11:45 PM - 11:50 PM | 52.7 | 44.3 | 02:25 AM - 02:30 AM | 44.9 | 42.2 |
| 09:10 PM - 09:15 PM | 56.8 | 50.8 | 11:50 PM - 11:55 PM | 52.2 | 45.0 | 02:30 AM - 02:35 AM | 44.4 | 42.9 |
| 09:15 PM - 09:20 PM | 57.2 | 52.0 | 11:55 PM - 12:00 AM | 52.2 | 45.1 | 02:35 AM - 02:40 AM | 47.5 | 43.0 |
| 09:20 PM - 09:25 PM | 58.3 | 52.7 | 12:00 AM - 12:05 AM | 50.1 | 44.5 | 02:40 AM - 02:45 AM | 47.7 | 43.1 |
| 09:25 PM - 09:30 PM | 58.6 | 49.4 | 12:05 AM - 12:10 AM | 50.4 | 44.3 | 02:45 AM - 02:50 AM | 45.9 | 43.0 |
| 09:30 PM - 09:35 PM | 56.4 | 49.4 | 12:10 AM - 12:15 AM | 47.3 | 43.9 | 02:50 AM - 02:55 AM | 47.0 | 43.6 |
| 09:35 PM - 09:40 PM | 57.4 | 53.3 | 12:15 AM - 12:20 AM | 45.8 | 44.2 | 02:55 AM - 03:00 AM | 45.7 | 43.5 |
| 09:40 PM - 09:45 PM | 55.4 | 49.1 | 12:20 AM - 12:25 AM | 46.5 | 44.4 | 03:00 AM - 03:05 AM | 45.5 | 43.4 |
| 09:45 PM - 09:50 PM | 53.5 | 46.2 | 12:25 AM - 12:30 AM | 45.4 | 44.3 | 03:05 AM - 03:10 AM | 47.4 | 43.9 |
| 09:50 PM - 09:55 PM | 55.6 | 47.8 | 12:30 AM - 12:35 AM | 46.3 | 44.0 | 03:10 AM - 03:15 AM | 46.1 | 43.4 |
| 09:55 PM - 10:00 PM | 55.5 | 46.1 | 12:35 AM - 12:40 AM | 45.7 | 44.4 | 03:15 AM - 03:20 AM | 46.6 | 43.9 |
| 10:00 PM - 10:05 PM | 55.1 | 46.1 | 12:40 AM - 12:45 AM | 47.7 | 45.1 | 03:20 AM - 03:25 AM | 46.5 | 43.7 |
| 10:05 PM - 10:10 PM | 56.3 | 48.2 | 12:45 AM - 12:50 AM | 46.3 | 44.8 | 03:25 AM - 03:30 AM | 45.2 | 42.6 |
| 10:10 PM - 10:15 PM | 52.6 | 45.9 | 12:50 AM - 12:55 AM | 45.8 | 44.1 | 03:30 AM - 03:35 AM | 47.1 | 42.8 |
| 10:15 PM - 10:20 PM | 53.4 | 46.1 | 12:55 AM - 01:00 AM | 45.7 | 43.6 | 03:35 AM - 03:40 AM | 47.4 | 42.5 |
| 10:20 PM - 10:25 PM | 57.3 | 45.7 | 01:00 AM - 01:05 AM | 44.9 | 43.8 | 03:40 AM - 03:45 AM | 45.0 | 41.8 |
| 10:25 PM - 10:30 PM | 62.0 | 46.7 | 01:05 AM - 01:10 AM | 46.9 | 44.2 | 03:45 AM - 03:50 AM | 44.9 | 42.4 |
| 10:30 PM - 10:35 PM | 50.9 | 46.3 | 01:10 AM - 01:15 AM | 46.8 | 45.2 | 03:50 AM - 03:55 AM | 44.0 | 42.2 |
| 10:35 PM - 10:40 PM | 50.0 | 44.6 | 01:15 AM - 01:20 AM | 47.0 | 45.1 | 03:55 AM - 04:00 AM | 47.5 | 42.9 |
| 10:40 PM - 10:45 PM | 54.7 | 44.2 | 01:20 AM - 01:25 AM | 47.0 | 44.9 | 04:00 AM - 04:05 AM | 45.6 | 42.9 |
| 10:45 PM - 10:50 PM | 50.6 | 43.8 | 01:25 AM - 01:30 AM | 46.0 | 44.8 | 04:05 AM - 04:10 AM | 44.8 | 43.6 |
| 10:50 PM - 10:55 PM | 51.9 | 44.2 | 01:30 AM - 01:35 AM | 45.9 | 44.7 | 04:10 AM - 04:15 AM | 46.8 | 43.3 |
| 10:55 PM - 11:00 PM | 49.7 | 44.2 | 01:35 AM - 01:40 AM | 45.6 | 43.4 | 04:15 AM - 04:20 AM | 44.6 | 42.7 |
| 11:00 PM - 11:05 PM | 52.1 | 45.2 | 01:40 AM - 01:45 AM | 45.2 | 43.2 | 04:20 AM - 04:25 AM | 45.5 | 42.9 |
| 11:05 PM - 11:10 PM | 51.7 | 44.9 | 01:45 AM - 01:50 AM | 46.3 | 43.8 | 04:25 AM - 04:30 AM | 45.5 | 42.2 |
| 11:10 PM - 11:15 PM | 51.9 | 44.9 | 01:50 AM - 01:55 AM | 47.1 | 43.8 | 04:30 AM - 04:35 AM | 47.8 | 42.4 |
| 11:15 PM - 11:20 PM | 51.1 | 44.9 | 01:55 AM - 02:00 AM | 46.0 | 44.2 | 04:35 AM - 04:40 AM | 45.9 | 42.8 |
| 11:20 PM - 11:25 PM | 50.5 | 44.5 | 02:00 AM - 02:05 AM | 45.6 | 43.2 | 04:40 AM - 04:45 AM | 45.5 | 42.7 |
| 11:25 PM - 11:30 PM | 50.5 | 44.8 | 02:05 AM - 02:10 AM | 45.0 | 42.6 | 04:45 AM - 04:50 AM | 46.0 | 42.8 |
| 11:30 PM - 11:35 PM | 50.4 | 45.2 | 02:10 AM - 02:15 AM | 46.3 | 41.9 | 04:50 AM - 04:55 AM | 45.4 | 42.8 |
| 11:35 PM - 11:40 PM | 51.4 | 44.9 | 02:15 AM - 02:20 AM | 47.2 | 42.5 | 04:55 AM - 05:00 AM | 45.5 | 43.0 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854770-1



**Sample Number** 23128868-34
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 28 - Nov 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 AM - 05:05 AM | 47.6 | 42.5 | 07:40 AM - 07:45 AM | 56.6 | 52.2 | 10:20 AM - 10:25 AM | 43.1 | 40.3 |
| 05:05 AM - 05:10 AM | 45.7 | 42.9 | 07:45 AM - 07:50 AM | 61.9 | 45.9 | 10:25 AM - 10:30 AM | 50.1 | 40.2 |
| 05:10 AM - 05:15 AM | 43.9 | 42.6 | 07:50 AM - 07:55 AM | 54.5 | 44.5 | 10:30 AM - 10:35 AM | 43.2 | 39.5 |
| 05:15 AM - 05:20 AM | 43.3 | 42.6 | 07:55 AM - 08:00 AM | 48.1 | 43.6 | 10:35 AM - 10:40 AM | 44.3 | 39.2 |
| 05:20 AM - 05:25 AM | 46.0 | 43.6 | 08:00 AM - 08:05 AM | 46.1 | 42.4 | 10:40 AM - 10:45 AM | 46.3 | 38.7 |
| 05:25 AM - 05:30 AM | 46.4 | 43.8 | 08:05 AM - 08:10 AM | 47.5 | 44.2 | 10:45 AM - 10:50 AM | 45.8 | 40.9 |
| 05:30 AM - 05:35 AM | 45.5 | 44.0 | 08:10 AM - 08:15 AM | 46.6 | 42.1 | 10:50 AM - 10:55 AM | 54.1 | 43.2 |
| 05:35 AM - 05:40 AM | 48.7 | 45.2 | 08:15 AM - 08:20 AM | 47.5 | 43.1 | 10:55 AM - 11:00 AM | 60.8 | 41.6 |
| 05:40 AM - 05:45 AM | 50.0 | 45.5 | 08:20 AM - 08:25 AM | 48.6 | 41.5 | 11:00 AM - 11:05 AM | 43.7 | 40.9 |
| 05:45 AM - 05:50 AM | 49.4 | 45.1 | 08:25 AM - 08:30 AM | 47.9 | 43.1 | 11:05 AM - 11:10 AM | 47.6 | 41.2 |
| 05:50 AM - 05:55 AM | 46.0 | 44.3 | 08:30 AM - 08:35 AM | 49.2 | 43.5 | 11:10 AM - 11:15 AM | 45.9 | 39.3 |
| 05:55 AM - 06:00 AM | 46.5 | 45.1 | 08:35 AM - 08:40 AM | 46.4 | 43.3 | 11:15 AM - 11:20 AM | 44.3 | 39.0 |
| 06:00 AM - 06:05 AM | 48.0 | 45.7 | 08:40 AM - 08:45 AM | 48.3 | 41.4 | 11:20 AM - 11:25 AM | 46.8 | 40.1 |
| 06:05 AM - 06:10 AM | 49.0 | 46.1 | 08:45 AM - 08:50 AM | 49.6 | 43.7 | 11:25 AM - 11:30 AM | 53.7 | 40.9 |
| 06:10 AM - 06:15 AM | 49.2 | 46.4 | 08:50 AM - 08:55 AM | 48.3 | 43.2 | 11:30 AM - 11:35 AM | 47.0 | 39.2 |
| 06:15 AM - 06:20 AM | 47.7 | 45.1 | 08:55 AM - 09:00 AM | 47.2 | 42.0 | 11:35 AM - 11:40 AM | 47.8 | 40.1 |
| 06:20 AM - 06:25 AM | 49.0 | 45.1 | 09:00 AM - 09:05 AM | 48.8 | 42.9 | 11:40 AM - 11:45 AM | 46.5 | 40.5 |
| 06:25 AM - 06:30 AM | 49.2 | 44.9 | 09:05 AM - 09:10 AM | 46.8 | 43.1 | 11:45 AM - 11:50 AM | 50.8 | 42.4 |
| 06:30 AM - 06:35 AM | 51.9 | 46.5 | 09:10 AM - 09:15 AM | 49.1 | 44.2 | 11:50 AM - 11:55 AM | 51.7 | 43.1 |
| 06:35 AM - 06:40 AM | 52.5 | 48.3 | 09:15 AM - 09:20 AM | 50.2 | 44.7 | 11:55 AM - 12:00 PM | 48.4 | 42.4 |
| 06:40 AM - 06:45 AM | 53.0 | 46.8 | 09:20 AM - 09:25 AM | 51.7 | 42.7 | 12:00 PM - 12:05 PM | 47.8 | 40.1 |
| 06:45 AM - 06:50 AM | 49.8 | 46.9 | 09:25 AM - 09:30 AM | 48.2 | 41.7 | 12:05 PM - 12:10 PM | 54.7 | 42.0 |
| 06:50 AM - 06:55 AM | 52.8 | 46.2 | 09:30 AM - 09:35 AM | 48.2 | 42.5 | 12:10 PM - 12:15 PM | 49.7 | 41.8 |
| 06:55 AM - 07:00 AM | 50.0 | 45.5 | 09:35 AM - 09:40 AM | 49.5 | 44.0 | 12:15 PM - 12:20 PM | 44.0 | 39.9 |
| 07:00 AM - 07:05 AM | 50.0 | 46.4 | 09:40 AM - 09:45 AM | 48.2 | 42.3 | 12:20 PM - 12:25 PM | 51.6 | 43.7 |
| 07:05 AM - 07:10 AM | 49.1 | 45.5 | 09:45 AM - 09:50 AM | 48.3 | 44.1 | 12:25 PM - 12:30 PM | 43.7 | 38.3 |
| 07:10 AM - 07:15 AM | 50.8 | 46.0 | 09:50 AM - 09:55 AM | 51.9 | 42.5 | 12:30 PM - 12:35 PM | 44.8 | 37.3 |
| 07:15 AM - 07:20 AM | 50.8 | 47.8 | 09:55 AM - 10:00 AM | 49.6 | 42.4 | 12:35 PM - 12:40 PM | 42.7 | 38.9 |
| 07:20 AM - 07:25 AM | 60.3 | 49.3 | 10:00 AM - 10:05 AM | 49.2 | 39.2 | 12:40 PM - 12:45 PM | 45.1 | 41.1 |
| 07:25 AM - 07:30 AM | 57.5 | 51.2 | 10:05 AM - 10:10 AM | 49.7 | 43.8 | 12:45 PM - 12:50 PM | 45.6 | 41.1 |
| 07:30 AM - 07:35 AM | 57.6 | 53.2 | 10:10 AM - 10:15 AM | 49.0 | 43.0 | 12:50 PM - 12:55 PM | 51.6 | 43.3 |
| 07:35 AM - 07:40 AM | 57.5 | 52.2 | 10:15 AM - 10:20 AM | 50.6 | 40.9 | 12:55 PM - 01:00 PM | 49.7 | 41.9 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854771-1



**Sample Number** 23128868-35
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 01:00 PM - 01:05 PM | 53.9 | 42.0 | 03:40 PM - 03:45 PM | 47.2 | 40.5 | 06:20 PM - 06:25 PM | 53.1 | 48.1 |
| 01:05 PM - 01:10 PM | 50.4 | 40.1 | 03:45 PM - 03:50 PM | 46.8 | 40.8 | 06:25 PM - 06:30 PM | 55.0 | 48.2 |
| 01:10 PM - 01:15 PM | 49.1 | 43.4 | 03:50 PM - 03:55 PM | 47.8 | 41.6 | 06:30 PM - 06:35 PM | 55.0 | 50.7 |
| 01:15 PM - 01:20 PM | 44.0 | 39.4 | 03:55 PM - 04:00 PM | 46.5 | 41.1 | 06:35 PM - 06:40 PM | 56.3 | 51.4 |
| 01:20 PM - 01:25 PM | 50.8 | 41.3 | 04:00 PM - 04:05 PM | 46.2 | 40.9 | 06:40 PM - 06:45 PM | 57.0 | 52.5 |
| 01:25 PM - 01:30 PM | 50.6 | 40.6 | 04:05 PM - 04:10 PM | 46.1 | 41.0 | 06:45 PM - 06:50 PM | 56.2 | 52.2 |
| 01:30 PM - 01:35 PM | 43.2 | 38.7 | 04:10 PM - 04:15 PM | 48.0 | 41.5 | 06:50 PM - 06:55 PM | 57.9 | 52.2 |
| 01:35 PM - 01:40 PM | 45.0 | 39.3 | 04:15 PM - 04:20 PM | 46.6 | 42.1 | 06:55 PM - 07:00 PM | 58.3 | 52.8 |
| 01:40 PM - 01:45 PM | 45.8 | 41.2 | 04:20 PM - 04:25 PM | 46.0 | 39.7 | 07:00 PM - 07:05 PM | 58.5 | 52.9 |
| 01:45 PM - 01:50 PM | 45.1 | 39.4 | 04:25 PM - 04:30 PM | 44.8 | 41.2 | 07:05 PM - 07:10 PM | 59.3 | 55.1 |
| 01:50 PM - 01:55 PM | 47.6 | 39.9 | 04:30 PM - 04:35 PM | 49.2 | 39.8 | 07:10 PM - 07:15 PM | 59.0 | 54.2 |
| 01:55 PM - 02:00 PM | 48.8 | 40.2 | 04:35 PM - 04:40 PM | 45.6 | 41.1 | 07:15 PM - 07:20 PM | 59.1 | 55.4 |
| 02:00 PM - 02:05 PM | 46.3 | 40.7 | 04:40 PM - 04:45 PM | 51.1 | 41.1 | 07:20 PM - 07:25 PM | 59.2 | 56.1 |
| 02:05 PM - 02:10 PM | 47.1 | 43.2 | 04:45 PM - 04:50 PM | 48.4 | 40.2 | 07:25 PM - 07:30 PM | 59.3 | 56.6 |
| 02:10 PM - 02:15 PM | 51.1 | 41.6 | 04:50 PM - 04:55 PM | 45.8 | 41.1 | 07:30 PM - 07:35 PM | 59.0 | 55.6 |
| 02:15 PM - 02:20 PM | 47.4 | 40.9 | 04:55 PM - 05:00 PM | 47.9 | 42.2 | 07:35 PM - 07:40 PM | 58.8 | 55.7 |
| 02:20 PM - 02:25 PM | 49.4 | 41.5 | 05:00 PM - 05:05 PM | 50.5 | 43.7 | 07:40 PM - 07:45 PM | 59.3 | 56.4 |
| 02:25 PM - 02:30 PM | 48.9 | 40.9 | 05:05 PM - 05:10 PM | 48.4 | 41.7 | 07:45 PM - 07:50 PM | 59.3 | 56.7 |
| 02:30 PM - 02:35 PM | 48.2 | 40.0 | 05:10 PM - 05:15 PM | 49.4 | 41.4 | 07:50 PM - 07:55 PM | 59.7 | 57.2 |
| 02:35 PM - 02:40 PM | 48.8 | 40.5 | 05:15 PM - 05:20 PM | 44.7 | 41.4 | 07:55 PM - 08:00 PM | 60.1 | 57.5 |
| 02:40 PM - 02:45 PM | 48.8 | 40.8 | 05:20 PM - 05:25 PM | 46.5 | 42.7 | 08:00 PM - 08:05 PM | 59.4 | 56.5 |
| 02:45 PM - 02:50 PM | 50.7 | 39.4 | 05:25 PM - 05:30 PM | 47.8 | 44.0 | 08:05 PM - 08:10 PM | 60.1 | 57.7 |
| 02:50 PM - 02:55 PM | 46.9 | 42.5 | 05:30 PM - 05:35 PM | 48.4 | 43.9 | 08:10 PM - 08:15 PM | 60.4 | 57.7 |
| 02:55 PM - 03:00 PM | 49.9 | 44.7 | 05:35 PM - 05:40 PM | 50.1 | 43.4 | 08:15 PM - 08:20 PM | 61.0 | 59.4 |
| 03:00 PM - 03:05 PM | 51.5 | 43.2 | 05:40 PM - 05:45 PM | 50.2 | 43.0 | 08:20 PM - 08:25 PM | 61.1 | 59.1 |
| 03:05 PM - 03:10 PM | 48.9 | 43.3 | 05:45 PM - 05:50 PM | 50.3 | 44.7 | 08:25 PM - 08:30 PM | 61.1 | 57.0 |
| 03:10 PM - 03:15 PM | 48.7 | 41.1 | 05:50 PM - 05:55 PM | 49.5 | 44.0 | 08:30 PM - 08:35 PM | 59.9 | 56.8 |
| 03:15 PM - 03:20 PM | 47.9 | 41.7 | 05:55 PM - 06:00 PM | 51.0 | 44.3 | 08:35 PM - 08:40 PM | 59.4 | 55.5 |
| 03:20 PM - 03:25 PM | 47.7 | 43.1 | 06:00 PM - 06:05 PM | 51.5 | 45.1 | 08:40 PM - 08:45 PM | 60.3 | 58.2 |
| 03:25 PM - 03:30 PM | 48.7 | 42.2 | 06:05 PM - 06:10 PM | 55.4 | 46.2 | 08:45 PM - 08:50 PM | 61.0 | 59.0 |
| 03:30 PM - 03:35 PM | 43.6 | 39.3 | 06:10 PM - 06:15 PM | 51.4 | 46.2 | 08:50 PM - 08:55 PM | 60.5 | 58.1 |
| 03:35 PM - 03:40 PM | 48.2 | 41.3 | 06:15 PM - 06:20 PM | 53.2 | 47.2 | 08:55 PM - 09:00 PM | 60.6 | 59.1 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854771-1



**Sample Number** 23128868-35
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 29, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 29 - Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 09:00 PM - 09:05 PM | 61.5 | 59.6 | 11:40 PM - 11:45 PM | 57.3 | 52.8 | 02:20 AM - 02:25 AM | 53.5 | 51.0 |
| 09:05 PM - 09:10 PM | 60.9 | 59.4 | 11:45 PM - 11:50 PM | 57.4 | 52.5 | 02:25 AM - 02:30 AM | 52.2 | 48.8 |
| 09:10 PM - 09:15 PM | 65.0 | 58.7 | 11:50 PM - 11:55 PM | 57.5 | 53.0 | 02:30 AM - 02:35 AM | 52.4 | 49.7 |
| 09:15 PM - 09:20 PM | 63.1 | 59.0 | 11:55 PM - 12:00 AM | 57.3 | 52.5 | 02:35 AM - 02:40 AM | 52.2 | 48.7 |
| 09:20 PM - 09:25 PM | 60.2 | 58.5 | 12:00 AM - 12:05 AM | 54.6 | 49.0 | 02:40 AM - 02:45 AM | 52.9 | 49.5 |
| 09:25 PM - 09:30 PM | 60.5 | 58.4 | 12:05 AM - 12:10 AM | 53.1 | 49.7 | 02:45 AM - 02:50 AM | 50.7 | 48.7 |
| 09:30 PM - 09:35 PM | 60.3 | 57.3 | 12:10 AM - 12:15 AM | 52.9 | 49.6 | 02:50 AM - 02:55 AM | 52.5 | 48.5 |
| 09:35 PM - 09:40 PM | 59.2 | 56.7 | 12:15 AM - 12:20 AM | 53.8 | 49.5 | 02:55 AM - 03:00 AM | 53.3 | 49.1 |
| 09:40 PM - 09:45 PM | 60.3 | 58.5 | 12:20 AM - 12:25 AM | 55.5 | 51.3 | 03:00 AM - 03:05 AM | 51.8 | 48.4 |
| 09:45 PM - 09:50 PM | 60.0 | 57.3 | 12:25 AM - 12:30 AM | 54.0 | 50.8 | 03:05 AM - 03:10 AM | 51.8 | 48.0 |
| 09:50 PM - 09:55 PM | 60.6 | 58.5 | 12:30 AM - 12:35 AM | 55.4 | 52.8 | 03:10 AM - 03:15 AM | 52.2 | 48.9 |
| 09:55 PM - 10:00 PM | 60.6 | 58.5 | 12:35 AM - 12:40 AM | 56.1 | 52.5 | 03:15 AM - 03:20 AM | 52.1 | 48.4 |
| 10:00 PM - 10:05 PM | 59.7 | 57.8 | 12:40 AM - 12:45 AM | 57.4 | 54.1 | 03:20 AM - 03:25 AM | 55.0 | 50.0 |
| 10:05 PM - 10:10 PM | 59.3 | 57.9 | 12:45 AM - 12:50 AM | 57.5 | 54.2 | 03:25 AM - 03:30 AM | 53.4 | 49.1 |
| 10:10 PM - 10:15 PM | 59.2 | 56.8 | 12:50 AM - 12:55 AM | 57.1 | 53.2 | 03:30 AM - 03:35 AM | 53.2 | 49.2 |
| 10:15 PM - 10:20 PM | 59.5 | 57.1 | 12:55 AM - 01:00 AM | 56.5 | 51.5 | 03:35 AM - 03:40 AM | 54.8 | 50.2 |
| 10:20 PM - 10:25 PM | 57.7 | 55.1 | 01:00 AM - 01:05 AM | 56.8 | 52.5 | 03:40 AM - 03:45 AM | 56.0 | 48.7 |
| 10:25 PM - 10:30 PM | 57.8 | 55.1 | 01:05 AM - 01:10 AM | 56.1 | 50.9 | 03:45 AM - 03:50 AM | 57.7 | 48.4 |
| 10:30 PM - 10:35 PM | 58.4 | 55.8 | 01:10 AM - 01:15 AM | 54.6 | 49.9 | 03:50 AM - 03:55 AM | 54.7 | 47.7 |
| 10:35 PM - 10:40 PM | 69.0 | 53.9 | 01:15 AM - 01:20 AM | 55.6 | 50.4 | 03:55 AM - 04:00 AM | 53.2 | 47.2 |
| 10:40 PM - 10:45 PM | 58.3 | 54.8 | 01:20 AM - 01:25 AM | 51.0 | 47.8 | 04:00 AM - 04:05 AM | 53.8 | 47.3 |
| 10:45 PM - 10:50 PM | 55.1 | 52.8 | 01:25 AM - 01:30 AM | 49.1 | 47.6 | 04:05 AM - 04:10 AM | 52.4 | 47.4 |
| 10:50 PM - 10:55 PM | 53.5 | 51.8 | 01:30 AM - 01:35 AM | 49.6 | 48.2 | 04:10 AM - 04:15 AM | 51.9 | 47.4 |
| 10:55 PM - 11:00 PM | 55.3 | 52.8 | 01:35 AM - 01:40 AM | 50.0 | 48.6 | 04:15 AM - 04:20 AM | 54.7 | 49.4 |
| 11:00 PM - 11:05 PM | 58.3 | 55.1 | 01:40 AM - 01:45 AM | 50.6 | 49.0 | 04:20 AM - 04:25 AM | 55.1 | 47.8 |
| 11:05 PM - 11:10 PM | 58.4 | 55.2 | 01:45 AM - 01:50 AM | 52.3 | 50.1 | 04:25 AM - 04:30 AM | 57.0 | 51.2 |
| 11:10 PM - 11:15 PM | 57.9 | 54.1 | 01:50 AM - 01:55 AM | 54.0 | 51.5 | 04:30 AM - 04:35 AM | 55.8 | 49.0 |
| 11:15 PM - 11:20 PM | 57.8 | 53.5 | 01:55 AM - 02:00 AM | 54.3 | 51.9 | 04:35 AM - 04:40 AM | 53.5 | 48.0 |
| 11:20 PM - 11:25 PM | 57.4 | 52.5 | 02:00 AM - 02:05 AM | 53.9 | 51.2 | 04:40 AM - 04:45 AM | 52.8 | 48.0 |
| 11:25 PM - 11:30 PM | 57.5 | 53.0 | 02:05 AM - 02:10 AM | 54.6 | 51.0 | 04:45 AM - 04:50 AM | 53.8 | 47.9 |
| 11:30 PM - 11:35 PM | 58.1 | 53.3 | 02:10 AM - 02:15 AM | 53.8 | 50.6 | 04:50 AM - 04:55 AM | 53.7 | 48.0 |
| 11:35 PM - 11:40 PM | 57.4 | 53.1 | 02:15 AM - 02:20 AM | 53.4 | 50.4 | 04:55 AM - 05:00 AM | 54.8 | 50.7 |

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Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120

**P/O** : RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128868**
Date Received :Dec 01, 2023
Date Reported :Dec 07, 2023
Report Number : 2854771-1



**Sample Number** 23128868-35
**Parameter** Noise Level (Leq 5 min)
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526)
**Measurement Date** Nov 29 - Nov 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level meter** Serial No. 1120937

| Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) | Nov 30, 2023 Time | Leq dB(A) | L90 dB(A) |
|---|---|---|---|---|---|---|---|---|
| 05:00 AM - 05:05 AM | 53.8 | 50.4 | 07:40 AM - 07:45 AM | 52.7 | 43.4 | 10:20 AM - 10:25 AM | 42.4 | 38.6 |
| 05:05 AM - 05:10 AM | 53.6 | 49.9 | 07:45 AM - 07:50 AM | 53.1 | 42.3 | 10:25 AM - 10:30 AM | 43.6 | 39.2 |
| 05:10 AM - 05:15 AM | 54.8 | 50.1 | 07:50 AM - 07:55 AM | 45.3 | 41.5 | 10:30 AM - 10:35 AM | 46.9 | 39.1 |
| 05:15 AM - 05:20 AM | 52.1 | 46.8 | 07:55 AM - 08:00 AM | 48.4 | 41.6 | 10:35 AM - 10:40 AM | 42.0 | 37.4 |
| 05:20 AM - 05:25 AM | 49.5 | 46.6 | 08:00 AM - 08:05 AM | 46.6 | 42.5 | 10:40 AM - 10:45 AM | 42.7 | 38.3 |
| 05:25 AM - 05:30 AM | 49.0 | 46.4 | 08:05 AM - 08:10 AM | 46.9 | 42.0 | 10:45 AM - 10:50 AM | 45.7 | 41.2 |
| 05:30 AM - 05:35 AM | 50.8 | 47.7 | 08:10 AM - 08:15 AM | 44.8 | 39.8 | 10:50 AM - 10:55 AM | 43.6 | 40.1 |
| 05:35 AM - 05:40 AM | 51.7 | 49.4 | 08:15 AM - 08:20 AM | 44.7 | 41.3 | 10:55 AM - 11:00 AM | 57.1 | 43.6 |
| 05:40 AM - 05:45 AM | 50.8 | 48.5 | 08:20 AM - 08:25 AM | 45.7 | 41.6 | 11:00 AM - 11:05 AM | 46.4 | 42.1 |
| 05:45 AM - 05:50 AM | 50.1 | 48.3 | 08:25 AM - 08:30 AM | 45.6 | 40.8 | 11:05 AM - 11:10 AM | 43.4 | 39.0 |
| 05:50 AM - 05:55 AM | 51.1 | 48.2 | 08:30 AM - 08:35 AM | 46.5 | 41.0 | 11:10 AM - 11:15 AM | 42.4 | 39.2 |
| 05:55 AM - 06:00 AM | 53.7 | 48.7 | 08:35 AM - 08:40 AM | 47.5 | 41.4 | 11:15 AM - 11:20 AM | 46.7 | 40.3 |
| 06:00 AM - 06:05 AM | 53.0 | 49.4 | 08:40 AM - 08:45 AM | 49.5 | 41.5 | 11:20 AM - 11:25 AM | 47.5 | 40.0 |
| 06:05 AM - 06:10 AM | 52.0 | 49.5 | 08:45 AM - 08:50 AM | 42.5 | 40.4 | 11:25 AM - 11:30 AM | 45.8 | 41.2 |
| 06:10 AM - 06:15 AM | 52.9 | 49.2 | 08:50 AM - 08:55 AM | 43.0 | 40.1 | 11:30 AM - 11:35 AM | 68.5 | 42.6 |
| 06:15 AM - 06:20 AM | 52.7 | 49.0 | 08:55 AM - 09:00 AM | 46.4 | 41.2 | 11:35 AM - 11:40 AM | 48.4 | 44.1 |
| 06:20 AM - 06:25 AM | 52.2 | 47.8 | 09:00 AM - 09:05 AM | 45.6 | 40.9 | 11:40 AM - 11:45 AM | 43.0 | 38.9 |
| 06:25 AM - 06:30 AM | 51.9 | 47.3 | 09:05 AM - 09:10 AM | 44.9 | 40.1 | 11:45 AM - 11:50 AM | 48.5 | 43.9 |
| 06:30 AM - 06:35 AM | 51.1 | 47.7 | 09:10 AM - 09:15 AM | 43.9 | 40.1 | 11:50 AM - 11:55 AM | 46.5 | 42.0 |
| 06:35 AM - 06:40 AM | 49.4 | 46.9 | 09:15 AM - 09:20 AM | 43.7 | 39.7 | 11:55 AM - 12:00 PM | 44.7 | 40.6 |
| 06:40 AM - 06:45 AM | 50.4 | 46.9 | 09:20 AM - 09:25 AM | 41.1 | 38.1 | 12:00 PM - 12:05 PM | 46.0 | 39.9 |
| 06:45 AM - 06:50 AM | 48.8 | 46.5 | 09:25 AM - 09:30 AM | 44.9 | 39.3 | 12:05 PM - 12:10 PM | 47.4 | 42.2 |
| 06:50 AM - 06:55 AM | 49.2 | 46.2 | 09:30 AM - 09:35 AM | 44.9 | 38.5 | 12:10 PM - 12:15 PM | 50.5 | 44.8 |
| 06:55 AM - 07:00 AM | 50.5 | 45.5 | 09:35 AM - 09:40 AM | 45.4 | 38.6 | 12:15 PM - 12:20 PM | 46.7 | 41.6 |
| 07:00 AM - 07:05 AM | 48.9 | 45.2 | 09:40 AM - 09:45 AM | 41.9 | 38.2 | 12:20 PM - 12:25 PM | 49.3 | 41.6 |
| 07:05 AM - 07:10 AM | 48.6 | 45.4 | 09:45 AM - 09:50 AM | 41.0 | 38.2 | 12:25 PM - 12:30 PM | 47.5 | 43.7 |
| 07:10 AM - 07:15 AM | 50.0 | 45.9 | 09:50 AM - 09:55 AM | 49.8 | 38.8 | 12:30 PM - 12:35 PM | 46.4 | 42.2 |
| 07:15 AM - 07:20 AM | 50.3 | 45.5 | 09:55 AM - 10:00 AM | 44.2 | 38.4 | 12:35 PM - 12:40 PM | 47.5 | 40.9 |
| 07:20 AM - 07:25 AM | 48.6 | 44.2 | 10:00 AM - 10:05 AM | 46.1 | 39.6 | 12:40 PM - 12:45 PM | 45.8 | 41.0 |
| 07:25 AM - 07:30 AM | 51.1 | 43.5 | 10:05 AM - 10:10 AM | 48.0 | 40.3 | 12:45 PM - 12:50 PM | 42.4 | 39.6 |
| 07:30 AM - 07:35 AM | 51.2 | 44.1 | 10:10 AM - 10:15 AM | 40.7 | 37.9 | 12:50 PM - 12:55 PM | 43.8 | 37.2 |
| 07:35 AM - 07:40 AM | 52.7 | 44.1 | 10:15 AM - 10:20 AM | 42.2 | 39.4 | 12:55 PM - 01:00 PM | 45.0 | 38.9 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sarayuth Jittranont
Assistant General Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854787-1



**Sample No.** 23128872-1
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 48.3 | 44.2 | 4.1 | 2.0 | 46.3 | - | 39.1 | 7.2 |
| 01:00 PM - 02:00 PM | 44.9 | 41.9 | 3.0 | 3.0 | 41.9 | - | 36.9 | 5.0 |
| 02:00 PM - 03:00 PM | 52.0 | 54.4 | -2.4 | 7.0 | 45.0 | - | 36.2 | 8.8 |
| 03:00 PM - 04:00 PM | 47.0 | 51.1 | -4.1 | 7.0 | 40.0 | - | 37.9 | 2.1 |
| 04:00 PM - 05:00 PM | 45.3 | 45.8 | -0.5 | 7.0 | 38.3 | - | 38.5 | -0.2 |
| 05:00 PM - 06:00 PM | 46.6 | 46.9 | -0.3 | 7.0 | 39.6 | - | 44.0 | -4.4 |
| 06:00 PM - 07:00 PM | 44.8 | 49.0 | -4.2 | 7.0 | 37.8 | - | 47.4 | -9.6 |
| 07:00 PM - 08:00 PM | 45.8 | 49.1 | -3.3 | 7.0 | 38.8 | - | 47.4 | -8.6 |
| 08:00 PM - 09:00 PM | 45.1 | 47.3 | -2.2 | 7.0 | 38.1 | - | 45.5 | -7.4 |
| 09:00 PM - 10:00 PM | 43.5 | 45.4 | -1.9 | 7.0 | 36.5 | - | 44.0 | -7.5 |
| 10:00 PM - 10:05 PM | 43.0 | 45.8 | -2.8 | 7.0 | - | 39.0 | 43.4 | -4.4 |
| 10:05 PM - 10:10 PM | 39.3 | 44.6 | -5.3 | 7.0 | - | 35.3 | 43.3 | -8.0 |
| 10:10 PM - 10:15 PM | 39.5 | 44.8 | -5.3 | 7.0 | - | 35.5 | 43.3 | -7.8 |
| 10:15 PM - 10:20 PM | 40.7 | 44.9 | -4.2 | 7.0 | - | 36.7 | 43.3 | -6.6 |
| 10:20 PM - 10:25 PM | 41.3 | 45.2 | -3.9 | 7.0 | - | 37.3 | 43.9 | -6.6 |
| 10:25 PM - 10:30 PM | 47.0 | 47.3 | -0.3 | 7.0 | - | 43.0 | 44.1 | -1.1 |
| 10:30 PM - 10:35 PM | 37.7 | 47.0 | -9.3 | 7.0 | - | 33.7 | 43.4 | -9.7 |
| 10:35 PM - 10:40 PM | 41.7 | 46.2 | -4.5 | 7.0 | - | 37.7 | 44.0 | -6.3 |
| 10:40 PM - 10:45 PM | 38.9 | 46.8 | -7.9 | 7.0 | - | 34.9 | 45.0 | -10.1 |
| 10:45 PM - 10:50 PM | 51.1 | 47.6 | 3.5 | 2.0 | - | 52.1 | 45.6 | 6.5 |
| 10:50 PM - 10:55 PM | 39.9 | 48.8 | -8.9 | 7.0 | - | 35.9 | 45.3 | -9.4 |
| 10:55 PM - 11:00 PM | 38.4 | 46.4 | -8.0 | 7.0 | - | 34.4 | 44.1 | -9.7 |
| 11:00 PM - 11:05 PM | 39.7 | 45.3 | -5.6 | 7.0 | - | 35.7 | 44.1 | -8.4 |
| 11:05 PM - 11:10 PM | 46.4 | 46.8 | -0.4 | 7.0 | - | 42.4 | 44.4 | -2.0 |
| 11:10 PM - 11:15 PM | 52.0 | 45.7 | 6.3 | 1.5 | - | 53.5 | 44.0 | 9.5 |
| 11:15 PM - 11:20 PM | 37.5 | 49.5 | -12.0 | 7.0 | - | 33.5 | 43.7 | -10.2 |
| 11:20 PM - 11:25 PM | 39.1 | 45.9 | -6.8 | 7.0 | - | 35.1 | 44.5 | -9.4 |
| 11:25 PM - 11:30 PM | 36.9 | 44.7 | -7.8 | 7.0 | - | 32.9 | 43.8 | -10.9 |
| 11:30 PM - 11:35 PM | 38.9 | 45.2 | -6.3 | 7.0 | - | 34.9 | 44.0 | -9.1 |
| 11:35 PM - 11:40 PM | 38.1 | 44.3 | -6.2 | 7.0 | - | 34.1 | 43.3 | -9.2 |
| 11:40 PM - 11:45 PM | 37.1 | 43.9 | -6.8 | 7.0 | - | 33.1 | 43.0 | -9.9 |
| 11:45 PM - 11:50 PM | 38.1 | 44.3 | -6.2 | 7.0 | - | 34.1 | 43.3 | -9.2 |
| 11:50 PM - 11:55 PM | 37.6 | 44.1 | -6.5 | 7.0 | - | 33.6 | 43.2 | -9.6 |
| 11:55 PM - 12:00 AM | 40.5 | 44.6 | -4.1 | 7.0 | - | 36.5 | 43.1 | -6.6 |
| 12:00 AM - 12:05 AM | 36.8 | 44.9 | -8.1 | 7.0 | - | 32.8 | 43.8 | -11.0 |
| 12:05 AM - 12:10 AM | 36.3 | 45.1 | -8.8 | 7.0 | - | 32.3 | 43.8 | -11.5 |
| 12:10 AM - 12:15 AM | 36.9 | 45.1 | -8.2 | 7.0 | - | 32.9 | 44.2 | -11.3 |
| 12:15 AM - 12:20 AM | 38.2 | 44.1 | -5.9 | 7.0 | - | 34.2 | 42.7 | -8.5 |
| 12:20 AM - 12:25 AM | 36.2 | 43.6 | -7.4 | 7.0 | - | 32.2 | 42.3 | -10.1 |
| 12:25 AM - 12:30 AM | 35.2 | 43.1 | -7.9 | 7.0 | - | 31.2 | 42.1 | -10.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854787-1



**Sample No.** 23128872-1
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:30 AM - 12:35 AM | 45.6 | 45.7 | -0.1 | 7.0 | - | 41.6 | 43.7 | -2.1 |
| 12:35 AM - 12:40 AM | 34.1 | 45.0 | -10.9 | 7.0 | - | 30.1 | 44.2 | -14.1 |
| 12:40 AM - 12:45 AM | 36.9 | 45.5 | -8.6 | 7.0 | - | 32.9 | 44.3 | -11.4 |
| 12:45 AM - 12:50 AM | 37.0 | 45.1 | -8.1 | 7.0 | - | 33.0 | 44.0 | -11.0 |
| 12:50 AM - 12:55 AM | 44.7 | 44.7 | 0.0 | 7.0 | - | 40.7 | 43.5 | -2.8 |
| 12:55 AM - 01:00 AM | 40.0 | 46.3 | -6.3 | 7.0 | - | 36.0 | 44.3 | -8.3 |
| 01:00 AM - 01:05 AM | 35.1 | 44.7 | -9.6 | 7.0 | - | 31.1 | 44.1 | -13.0 |
| 01:05 AM - 01:10 AM | 35.6 | 44.9 | -9.3 | 7.0 | - | 31.6 | 44.3 | -12.7 |
| 01:10 AM - 01:15 AM | 34.9 | 44.2 | -9.3 | 7.0 | - | 30.9 | 42.7 | -11.8 |
| 01:15 AM - 01:20 AM | 36.8 | 44.6 | -7.8 | 7.0 | - | 32.8 | 43.3 | -10.5 |
| 01:20 AM - 01:25 AM | 36.7 | 44.7 | -8.0 | 7.0 | - | 32.7 | 43.8 | -11.1 |
| 01:25 AM - 01:30 AM | 35.6 | 44.6 | -9.0 | 7.0 | - | 31.6 | 44.1 | -12.5 |
| 01:30 AM - 01:35 AM | 36.2 | 44.6 | -8.4 | 7.0 | - | 32.2 | 44.0 | -11.8 |
| 01:35 AM - 01:40 AM | 35.3 | 44.5 | -9.2 | 7.0 | - | 31.3 | 43.4 | -12.1 |
| 01:40 AM - 01:45 AM | 37.8 | 43.6 | -5.8 | 7.0 | - | 33.8 | 43.1 | -9.3 |
| 01:45 AM - 01:50 AM | 39.1 | 45.1 | -6.0 | 7.0 | - | 35.1 | 44.0 | -8.9 |
| 01:50 AM - 01:55 AM | 38.9 | 46.9 | -8.0 | 7.0 | - | 34.9 | 43.9 | -9.0 |
| 01:55 AM - 02:00 AM | 37.2 | 45.7 | -8.5 | 7.0 | - | 33.2 | 43.8 | -10.6 |
| 02:00 AM - 02:05 AM | 63.6 | 59.3 | 4.3 | 2.0 | - | 64.6 | 42.8 | 21.8 |
| 02:05 AM - 02:10 AM | 41.7 | 45.4 | -3.7 | 7.0 | - | 37.7 | 43.7 | -6.0 |
| 02:10 AM - 02:15 AM | 42.7 | 46.9 | -4.2 | 7.0 | - | 38.7 | 44.6 | -5.9 |
| 02:15 AM - 02:20 AM | 38.9 | 46.1 | -7.2 | 7.0 | - | 34.9 | 44.8 | -9.9 |
| 02:20 AM - 02:25 AM | 38.3 | 44.8 | -6.5 | 7.0 | - | 34.3 | 43.5 | -9.2 |
| 02:25 AM - 02:30 AM | 39.2 | 43.7 | -4.5 | 7.0 | - | 35.2 | 42.6 | -7.4 |
| 02:30 AM - 02:35 AM | 38.2 | 46.0 | -7.8 | 7.0 | - | 34.2 | 43.3 | -9.1 |
| 02:35 AM - 02:40 AM | 39.0 | 44.5 | -5.5 | 7.0 | - | 35.0 | 42.9 | -7.9 |
| 02:40 AM - 02:45 AM | 38.5 | 46.5 | -8.0 | 7.0 | - | 34.5 | 44.0 | -9.5 |
| 02:45 AM - 02:50 AM | 45.5 | 53.7 | -8.2 | 7.0 | - | 41.5 | 47.4 | -5.9 |
| 02:50 AM - 02:55 AM | 38.6 | 52.7 | -14.1 | 7.0 | - | 34.6 | 46.0 | -11.4 |
| 02:55 AM - 03:00 AM | 37.5 | 53.4 | -15.9 | 7.0 | - | 33.5 | 47.9 | -14.4 |
| 03:00 AM - 03:05 AM | 36.7 | 54.1 | -17.4 | 7.0 | - | 32.7 | 48.1 | -15.4 |
| 03:05 AM - 03:10 AM | 63.1 | 54.6 | 8.5 | 0.5 | - | 65.6 | 48.6 | 17.0 |
| 03:10 AM - 03:15 AM | 62.8 | 59.9 | 2.9 | 3.0 | - | 62.8 | 49.8 | 13.0 |
| 03:15 AM - 03:20 AM | 38.2 | 54.5 | -16.3 | 7.0 | - | 34.2 | 48.5 | -14.3 |
| 03:20 AM - 03:25 AM | 38.3 | 53.0 | -14.7 | 7.0 | - | 34.3 | 43.6 | -9.3 |
| 03:25 AM - 03:30 AM | 46.2 | 43.4 | 2.8 | 3.0 | - | 46.2 | 42.0 | 4.2 |
| 03:30 AM - 03:35 AM | 42.2 | 43.7 | -1.5 | 7.0 | - | 38.2 | 42.1 | -3.9 |
| 03:35 AM - 03:40 AM | 37.6 | 44.5 | -6.9 | 7.0 | - | 33.6 | 43.1 | -9.5 |
| 03:40 AM - 03:45 AM | 37.8 | 44.3 | -6.5 | 7.0 | - | 33.8 | 42.5 | -8.7 |
| 03:45 AM - 03:50 AM | 38.8 | 44.0 | -5.2 | 7.0 | - | 34.8 | 42.4 | -7.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854787-1



**Sample No.** 23128872-1
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:50 AM - 03:55 AM | 36.6 | 43.6 | -7.0 | 7.0 | - | 32.6 | 42.2 | -9.6 |
| 03:55 AM - 04:00 AM | 47.9 | 44.5 | 3.4 | 3.0 | - | 47.9 | 42.3 | 5.6 |
| 04:00 AM - 04:05 AM | 39.8 | 44.2 | -4.4 | 7.0 | - | 35.8 | 41.9 | -6.1 |
| 04:05 AM - 04:10 AM | 38.4 | 43.4 | -5.0 | 7.0 | - | 34.4 | 41.8 | -7.4 |
| 04:10 AM - 04:15 AM | 37.8 | 44.2 | -6.4 | 7.0 | - | 33.8 | 42.5 | -8.7 |
| 04:15 AM - 04:20 AM | 41.2 | 46.6 | -5.4 | 7.0 | - | 37.2 | 42.5 | -5.3 |
| 04:20 AM - 04:25 AM | 39.7 | 45.3 | -5.6 | 7.0 | - | 35.7 | 43.7 | -8.0 |
| 04:25 AM - 04:30 AM | 52.0 | 53.9 | -1.9 | 7.0 | - | 48.0 | 42.7 | 5.3 |
| 04:30 AM - 04:35 AM | 46.1 | 49.6 | -3.5 | 7.0 | - | 42.1 | 42.5 | -0.4 |
| 04:35 AM - 04:40 AM | 41.4 | 44.3 | -2.9 | 7.0 | - | 37.4 | 42.8 | -5.4 |
| 04:40 AM - 04:45 AM | 44.1 | 45.4 | -1.3 | 7.0 | - | 40.1 | 43.7 | -3.6 |
| 04:45 AM - 04:50 AM | 45.4 | 48.7 | -3.3 | 7.0 | - | 41.4 | 42.9 | -1.5 |
| 04:50 AM - 04:55 AM | 49.9 | 46.8 | 3.1 | 3.0 | - | 49.9 | 43.0 | 6.9 |
| 04:55 AM - 05:00 AM | 50.0 | 55.0 | -5.0 | 7.0 | - | 46.0 | 44.4 | 1.6 |
| 05:00 AM - 05:05 AM | 45.3 | 48.5 | -3.2 | 7.0 | - | 41.3 | 44.8 | -3.5 |
| 05:05 AM - 05:10 AM | 46.2 | 46.8 | -0.6 | 7.0 | - | 42.2 | 44.8 | -2.6 |
| 05:10 AM - 05:15 AM | 57.2 | 47.2 | 10.0 | 0.5 | - | 59.7 | 44.8 | 14.9 |
| 05:15 AM - 05:20 AM | 48.2 | 49.1 | -0.9 | 7.0 | - | 44.2 | 44.8 | -0.6 |
| 05:20 AM - 05:25 AM | 44.9 | 47.3 | -2.4 | 7.0 | - | 40.9 | 45.3 | -4.4 |
| 05:25 AM - 05:30 AM | 51.3 | 54.6 | -3.3 | 7.0 | - | 47.3 | 46.0 | 1.3 |
| 05:30 AM - 05:35 AM | 47.2 | 52.1 | -4.9 | 7.0 | - | 43.2 | 46.1 | -2.9 |
| 05:35 AM - 05:40 AM | 46.8 | 49.8 | -3.0 | 7.0 | - | 42.8 | 46.2 | -3.4 |
| 05:40 AM - 05:45 AM | 45.9 | 50.1 | -4.2 | 7.0 | - | 41.9 | 46.6 | -4.7 |
| 05:45 AM - 05:50 AM | 52.0 | 54.7 | -2.7 | 7.0 | - | 48.0 | 46.8 | 1.2 |
| 05:50 AM - 05:55 AM | 51.2 | 56.6 | -5.4 | 7.0 | - | 47.2 | 46.9 | 0.3 |
| 05:55 AM - 06:00 AM | 48.9 | 56.2 | -7.3 | 7.0 | - | 44.9 | 46.5 | -1.6 |
| 06:00 AM - 07:00 AM | 49.0 | 54.4 | -5.4 | 7.0 | 42.0 | - | 46.8 | -4.8 |
| 07:00 AM - 08:00 AM | 48.6 | 47.0 | 1.6 | 4.5 | 44.1 | - | 44.0 | 0.1 |
| 08:00 AM - 09:00 AM | 48.7 | 54.7 | -6.0 | 7.0 | 41.7 | - | 40.9 | 0.8 |
| 09:00 AM - 10:00 AM | 45.3 | 43.9 | 1.4 | 7.0 | 38.3 | - | 39.7 | -1.4 |
| 10:00 AM - 11:00 AM | 50.4 | 43.8 | 6.6 | 1.0 | 49.4 | - | 38.1 | 11.3 |
| 11:00 AM - 12:00 PM | 45.9 | 42.4 | 3.5 | 2.0 | 43.9 | - | 35.7 | 8.2 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-1 วันที่ตรวจวัด 23-24 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854788-1



**Sample No.** 23128872-2
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 43.2 | 40.4 | 2.8 | 3.0 | 40.2 | - | 35.5 | 4.7 |
| 01:00 PM - 02:00 PM | 45.2 | 41.8 | 3.4 | 3.0 | 42.2 | - | 36.1 | 6.1 |
| 02:00 PM - 03:00 PM | 41.6 | 39.1 | 2.5 | 3.0 | 38.6 | - | 35.1 | 3.5 |
| 03:00 PM - 04:00 PM | 46.6 | 43.0 | 3.6 | 2.0 | 44.6 | - | 36.5 | 8.1 |
| 04:00 PM - 05:00 PM | 45.1 | 43.5 | 1.6 | 4.5 | 40.6 | - | 39.4 | 1.2 |
| 05:00 PM - 06:00 PM | 48.9 | 46.5 | 2.4 | 4.5 | 44.4 | - | 43.2 | 1.2 |
| 06:00 PM - 07:00 PM | 50.8 | 50.4 | 0.4 | 7.0 | 43.8 | - | 48.4 | -4.6 |
| 07:00 PM - 08:00 PM | 45.3 | 49.6 | -4.3 | 7.0 | 38.3 | - | 48.1 | -9.8 |
| 08:00 PM - 09:00 PM | 44.3 | 49.1 | -4.8 | 7.0 | 37.3 | - | 47.7 | -10.4 |
| 09:00 PM - 10:00 PM | 43.7 | 47.9 | -4.2 | 7.0 | 36.7 | - | 46.4 | -9.7 |
| 10:00 PM - 10:05 PM | 42.0 | 46.7 | -4.7 | 7.0 | - | 38.0 | 45.8 | -7.8 |
| 10:05 PM - 10:10 PM | 41.2 | 47.6 | -6.4 | 7.0 | - | 37.2 | 46.0 | -8.8 |
| 10:10 PM - 10:15 PM | 45.0 | 46.7 | -1.7 | 7.0 | - | 41.0 | 44.9 | -3.9 |
| 10:15 PM - 10:20 PM | 41.8 | 47.1 | -5.3 | 7.0 | - | 37.8 | 45.0 | -7.2 |
| 10:20 PM - 10:25 PM | 45.5 | 45.6 | -0.1 | 7.0 | - | 41.5 | 44.5 | -3.0 |
| 10:25 PM - 10:30 PM | 45.4 | 46.9 | -1.5 | 7.0 | - | 41.4 | 44.4 | -3.0 |
| 10:30 PM - 10:35 PM | 42.4 | 46.9 | -4.5 | 7.0 | - | 38.4 | 44.7 | -6.3 |
| 10:35 PM - 10:40 PM | 41.8 | 47.4 | -5.6 | 7.0 | - | 37.8 | 44.2 | -6.4 |
| 10:40 PM - 10:45 PM | 64.6 | 46.6 | 18.0 | 0.0 | - | 67.6 | 44.9 | 22.7 |
| 10:45 PM - 10:50 PM | 63.6 | 60.5 | 3.1 | 3.0 | - | 63.6 | 46.2 | 17.4 |
| 10:50 PM - 10:55 PM | 64.8 | 60.1 | 4.7 | 1.5 | - | 66.3 | 46.4 | 19.9 |
| 10:55 PM - 11:00 PM | 50.8 | 48.8 | 2.0 | 4.5 | - | 49.3 | 44.0 | 5.3 |
| 11:00 PM - 11:05 PM | 42.0 | 46.8 | -4.8 | 7.0 | - | 38.0 | 44.3 | -6.3 |
| 11:05 PM - 11:10 PM | 40.5 | 45.8 | -5.3 | 7.0 | - | 36.5 | 44.2 | -7.7 |
| 11:10 PM - 11:15 PM | 40.2 | 45.8 | -5.6 | 7.0 | - | 36.2 | 44.4 | -8.2 |
| 11:15 PM - 11:20 PM | 39.6 | 44.9 | -5.3 | 7.0 | - | 35.6 | 43.7 | -8.1 |
| 11:20 PM - 11:25 PM | 46.1 | 45.9 | 0.2 | 7.0 | - | 42.1 | 44.2 | -2.1 |
| 11:25 PM - 11:30 PM | 63.8 | 53.4 | 10.4 | 0.5 | - | 66.3 | 44.2 | 22.1 |
| 11:30 PM - 11:35 PM | 41.1 | 47.4 | -6.3 | 7.0 | - | 37.1 | 44.3 | -7.2 |
| 11:35 PM - 11:40 PM | 39.5 | 44.8 | -5.3 | 7.0 | - | 35.5 | 43.9 | -8.4 |
| 11:40 PM - 11:45 PM | 42.3 | 45.7 | -3.4 | 7.0 | - | 38.3 | 43.9 | -5.6 |
| 11:45 PM - 11:50 PM | 47.2 | 49.0 | -1.8 | 7.0 | - | 43.2 | 44.5 | -1.3 |
| 11:50 PM - 11:55 PM | 41.8 | 46.4 | -4.6 | 7.0 | - | 37.8 | 45.2 | -7.4 |
| 11:55 PM - 12:00 AM | 41.2 | 45.9 | -4.7 | 7.0 | - | 37.2 | 44.4 | -7.2 |
| 12:00 AM - 12:05 AM | 42.7 | 47.4 | -4.7 | 7.0 | - | 38.7 | 46.0 | -7.3 |
| 12:05 AM - 12:10 AM | 38.5 | 47.4 | -8.9 | 7.0 | - | 34.5 | 46.5 | -12.0 |
| 12:10 AM - 12:15 AM | 39.1 | 47.4 | -8.3 | 7.0 | - | 35.1 | 46.5 | -11.4 |
| 12:15 AM - 12:20 AM | 38.3 | 47.1 | -8.8 | 7.0 | - | 34.3 | 45.1 | -10.8 |
| 12:20 AM - 12:25 AM | 38.6 | 45.8 | -7.2 | 7.0 | - | 34.6 | 44.5 | -9.9 |
| 12:25 AM - 12:30 AM | 36.7 | 45.2 | -8.5 | 7.0 | - | 32.7 | 43.8 | -11.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854788-1



**Sample No.** 23128872-2
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:30 AM - 12:35 AM | 38.3 | 45.8 | -7.5 | 7.0 | - | 34.3 | 44.2 | -9.9 |
| 12:35 AM - 12:40 AM | 37.6 | 45.8 | -8.2 | 7.0 | - | 33.6 | 44.6 | -11.0 |
| 12:40 AM - 12:45 AM | 37.2 | 46.4 | -9.2 | 7.0 | - | 33.2 | 45.2 | -12.0 |
| 12:45 AM - 12:50 AM | 40.4 | 46.6 | -6.2 | 7.0 | - | 36.4 | 44.9 | -8.5 |
| 12:50 AM - 12:55 AM | 48.5 | 46.4 | 2.1 | 4.5 | - | 47.0 | 44.5 | 2.5 |
| 12:55 AM - 01:00 AM | 37.6 | 46.3 | -8.7 | 7.0 | - | 33.6 | 44.8 | -11.2 |
| 01:00 AM - 01:05 AM | 37.3 | 47.0 | -9.7 | 7.0 | - | 33.3 | 45.5 | -12.2 |
| 01:05 AM - 01:10 AM | 43.9 | 47.3 | -3.4 | 7.0 | - | 39.9 | 45.5 | -5.6 |
| 01:10 AM - 01:15 AM | 38.5 | 46.4 | -7.9 | 7.0 | - | 34.5 | 44.2 | -9.7 |
| 01:15 AM - 01:20 AM | 38.0 | 46.4 | -8.4 | 7.0 | - | 34.0 | 44.5 | -10.5 |
| 01:20 AM - 01:25 AM | 39.2 | 46.0 | -6.8 | 7.0 | - | 35.2 | 44.4 | -9.2 |
| 01:25 AM - 01:30 AM | 38.4 | 45.9 | -7.5 | 7.0 | - | 34.4 | 44.5 | -10.1 |
| 01:30 AM - 01:35 AM | 41.7 | 46.4 | -4.7 | 7.0 | - | 37.7 | 44.6 | -6.9 |
| 01:35 AM - 01:40 AM | 38.5 | 47.3 | -8.8 | 7.0 | - | 34.5 | 44.7 | -10.2 |
| 01:40 AM - 01:45 AM | 38.4 | 47.0 | -8.6 | 7.0 | - | 34.4 | 45.0 | -10.6 |
| 01:45 AM - 01:50 AM | 41.3 | 46.1 | -4.8 | 7.0 | - | 37.3 | 44.6 | -7.3 |
| 01:50 AM - 01:55 AM | 37.6 | 45.7 | -8.1 | 7.0 | - | 33.6 | 44.5 | -10.9 |
| 01:55 AM - 02:00 AM | 38.3 | 46.2 | -7.9 | 7.0 | - | 34.3 | 44.9 | -10.6 |
| 02:00 AM - 02:05 AM | 39.8 | 47.6 | -7.8 | 7.0 | - | 35.8 | 44.9 | -9.1 |
| 02:05 AM - 02:10 AM | 41.3 | 47.9 | -6.6 | 7.0 | - | 37.3 | 45.0 | -7.7 |
| 02:10 AM - 02:15 AM | 37.2 | 45.6 | -8.4 | 7.0 | - | 33.2 | 44.5 | -11.3 |
| 02:15 AM - 02:20 AM | 44.4 | 47.9 | -3.5 | 7.0 | - | 40.4 | 44.6 | -4.2 |
| 02:20 AM - 02:25 AM | 38.2 | 46.3 | -8.1 | 7.0 | - | 34.2 | 44.9 | -10.7 |
| 02:25 AM - 02:30 AM | 36.5 | 45.5 | -9.0 | 7.0 | - | 32.5 | 43.9 | -11.4 |
| 02:30 AM - 02:35 AM | 43.7 | 46.8 | -3.1 | 7.0 | - | 39.7 | 43.3 | -3.6 |
| 02:35 AM - 02:40 AM | 36.6 | 44.3 | -7.7 | 7.0 | - | 32.6 | 43.2 | -10.6 |
| 02:40 AM - 02:45 AM | 36.0 | 44.4 | -8.4 | 7.0 | - | 32.0 | 43.3 | -11.3 |
| 02:45 AM - 02:50 AM | 36.4 | 44.5 | -8.1 | 7.0 | - | 32.4 | 43.4 | -11.0 |
| 02:50 AM - 02:55 AM | 36.6 | 44.4 | -7.8 | 7.0 | - | 32.6 | 43.4 | -10.8 |
| 02:55 AM - 03:00 AM | 37.8 | 44.9 | -7.1 | 7.0 | - | 33.8 | 43.5 | -9.7 |
| 03:00 AM - 03:05 AM | 36.1 | 44.2 | -8.1 | 7.0 | - | 32.1 | 42.9 | -10.8 |
| 03:05 AM - 03:10 AM | 36.6 | 43.4 | -6.8 | 7.0 | - | 32.6 | 42.4 | -9.8 |
| 03:10 AM - 03:15 AM | 35.9 | 43.4 | -7.5 | 7.0 | - | 31.9 | 42.1 | -10.2 |
| 03:15 AM - 03:20 AM | 51.9 | 54.5 | -2.6 | 7.0 | - | 47.9 | 42.8 | 5.1 |
| 03:20 AM - 03:25 AM | 45.8 | 53.0 | -7.2 | 7.0 | - | 41.8 | 42.9 | -1.1 |
| 03:25 AM - 03:30 AM | 38.7 | 44.5 | -5.8 | 7.0 | - | 34.7 | 43.4 | -8.7 |
| 03:30 AM - 03:35 AM | 37.7 | 45.4 | -7.7 | 7.0 | - | 33.7 | 43.5 | -9.8 |
| 03:35 AM - 03:40 AM | 42.4 | 46.1 | -3.7 | 7.0 | - | 38.4 | 44.3 | -5.9 |
| 03:40 AM - 03:45 AM | 36.2 | 45.3 | -9.1 | 7.0 | - | 32.2 | 44.3 | -12.1 |
| 03:45 AM - 03:50 AM | 38.5 | 44.9 | -6.4 | 7.0 | - | 34.5 | 44.2 | -9.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854788-1



**Sample No.** 23128872-2
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:50 AM - 03:55 AM | 39.5 | 45.3 | -5.8 | 7.0 | - | 35.5 | 44.5 | -9.0 |
| 03:55 AM - 04:00 AM | 40.8 | 45.3 | -4.5 | 7.0 | - | 36.8 | 44.5 | -7.7 |
| 04:00 AM - 04:05 AM | 46.9 | 45.3 | 1.6 | 4.5 | - | 45.4 | 44.2 | 1.2 |
| 04:05 AM - 04:10 AM | 48.4 | 55.5 | -7.1 | 7.0 | - | 44.4 | 43.8 | 0.6 |
| 04:10 AM - 04:15 AM | 35.7 | 44.2 | -8.5 | 7.0 | - | 31.7 | 43.2 | -11.5 |
| 04:15 AM - 04:20 AM | 38.5 | 44.7 | -6.2 | 7.0 | - | 34.5 | 43.5 | -9.0 |
| 04:20 AM - 04:25 AM | 39.7 | 46.2 | -6.5 | 7.0 | - | 35.7 | 43.6 | -7.9 |
| 04:25 AM - 04:30 AM | 51.9 | 55.2 | -3.3 | 7.0 | - | 47.9 | 43.8 | 4.1 |
| 04:30 AM - 04:35 AM | 45.8 | 52.4 | -6.6 | 7.0 | - | 41.8 | 43.5 | -1.7 |
| 04:35 AM - 04:40 AM | 41.9 | 45.7 | -3.8 | 7.0 | - | 37.9 | 43.1 | -5.2 |
| 04:40 AM - 04:45 AM | 45.1 | 45.6 | -0.5 | 7.0 | - | 41.1 | 43.4 | -2.3 |
| 04:45 AM - 04:50 AM | 48.0 | 51.8 | -3.8 | 7.0 | - | 44.0 | 44.4 | -0.4 |
| 04:50 AM - 04:55 AM | 41.0 | 52.9 | -11.9 | 7.0 | - | 37.0 | 44.8 | -7.8 |
| 04:55 AM - 05:00 AM | 40.2 | 46.6 | -6.4 | 7.0 | - | 36.2 | 45.0 | -8.8 |
| 05:00 AM - 05:05 AM | 46.3 | 46.4 | -0.1 | 7.0 | - | 42.3 | 45.0 | -2.7 |
| 05:05 AM - 05:10 AM | 48.7 | 57.3 | -8.6 | 7.0 | - | 44.7 | 44.6 | 0.1 |
| 05:10 AM - 05:15 AM | 43.1 | 46.7 | -3.6 | 7.0 | - | 39.1 | 45.3 | -6.2 |
| 05:15 AM - 05:20 AM | 40.7 | 46.9 | -6.2 | 7.0 | - | 36.7 | 45.2 | -8.5 |
| 05:20 AM - 05:25 AM | 38.8 | 46.6 | -7.8 | 7.0 | - | 34.8 | 45.1 | -10.3 |
| 05:25 AM - 05:30 AM | 40.9 | 46.5 | -5.6 | 7.0 | - | 36.9 | 45.3 | -8.4 |
| 05:30 AM - 05:35 AM | 50.3 | 47.2 | 3.1 | 3.0 | - | 50.3 | 45.5 | 4.8 |
| 05:35 AM - 05:40 AM | 51.0 | 56.4 | -5.4 | 7.0 | - | 47.0 | 46.1 | 0.9 |
| 05:40 AM - 05:45 AM | 49.2 | 49.7 | -0.5 | 7.0 | - | 45.2 | 46.9 | -1.7 |
| 05:45 AM - 05:50 AM | 49.9 | 49.2 | 0.7 | 7.0 | - | 45.9 | 46.8 | -0.9 |
| 05:50 AM - 05:55 AM | 52.7 | 58.4 | -5.7 | 7.0 | - | 48.7 | 45.9 | 2.8 |
| 05:55 AM - 06:00 AM | 50.1 | 58.5 | -8.4 | 7.0 | - | 46.1 | 45.7 | 0.4 |
| 06:00 AM - 07:00 AM | 51.4 | 50.9 | 0.5 | 7.0 | 44.4 | - | 47.3 | -2.9 |
| 07:00 AM - 08:00 AM | 48.5 | 51.8 | -3.3 | 7.0 | 41.5 | - | 50.4 | -8.9 |
| 08:00 AM - 09:00 AM | 48.2 | 52.1 | -3.9 | 7.0 | 41.2 | - | 49.8 | -8.6 |
| 09:00 AM - 10:00 AM | 56.8 | 48.2 | 8.6 | 0.5 | 56.3 | - | 43.6 | 12.7 |
| 10:00 AM - 11:00 AM | 47.7 | 47.0 | 0.7 | 7.0 | 40.7 | - | 41.6 | -0.9 |
| 11:00 AM - 12:00 PM | 49.0 | 42.8 | 6.2 | 1.5 | 47.5 | - | 38.9 | 8.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 24-25 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-2 วันที่ตรวจวัด 24-25 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854789-1



**Sample No.** 23128872-3
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 48.0 | 42.1 | 5.9 | 1.5 | 46.5 | - | 37.0 | 9.5 |
| 01:00 PM - 02:00 PM | 44.0 | 40.5 | 3.5 | 2.0 | 42.0 | - | 36.0 | 6.0 |
| 02:00 PM - 03:00 PM | 44.0 | 42.7 | 1.3 | 7.0 | 37.0 | - | 38.0 | -1.0 |
| 03:00 PM - 04:00 PM | 46.4 | 52.4 | -6.0 | 7.0 | 39.4 | - | 39.4 | 0.0 |
| 04:00 PM - 05:00 PM | 46.7 | 46.0 | 0.7 | 7.0 | 39.7 | - | 42.9 | -3.2 |
| 05:00 PM - 06:00 PM | 46.2 | 48.4 | -2.2 | 7.0 | 39.2 | - | 45.9 | -6.7 |
| 06:00 PM - 07:00 PM | 47.9 | 53.0 | -5.1 | 7.0 | 40.9 | - | 47.9 | -7.0 |
| 07:00 PM - 08:00 PM | 51.4 | 51.2 | 0.2 | 7.0 | 44.4 | - | 48.6 | -4.2 |
| 08:00 PM - 09:00 PM | 45.5 | 48.9 | -3.4 | 7.0 | 38.5 | - | 47.6 | -9.1 |
| 09:00 PM - 10:00 PM | 42.4 | 47.9 | -5.5 | 7.0 | 35.4 | - | 46.4 | -11.0 |
| 10:00 PM - 10:05 PM | 41.4 | 48.7 | -7.3 | 7.0 | - | 37.4 | 45.9 | -8.5 |
| 10:05 PM - 10:10 PM | 41.5 | 48.6 | -7.1 | 7.0 | - | 37.5 | 46.6 | -9.1 |
| 10:10 PM - 10:15 PM | 39.7 | 48.0 | -8.3 | 7.0 | - | 35.7 | 46.9 | -11.2 |
| 10:15 PM - 10:20 PM | 38.9 | 49.2 | -10.3 | 7.0 | - | 34.9 | 46.6 | -11.7 |
| 10:20 PM - 10:25 PM | 38.6 | 48.5 | -9.9 | 7.0 | - | 34.6 | 46.8 | -12.2 |
| 10:25 PM - 10:30 PM | 40.2 | 49.0 | -8.8 | 7.0 | - | 36.2 | 47.7 | -11.5 |
| 10:30 PM - 10:35 PM | 40.7 | 50.3 | -9.6 | 7.0 | - | 36.7 | 47.3 | -10.6 |
| 10:35 PM - 10:40 PM | 39.4 | 48.3 | -8.9 | 7.0 | - | 35.4 | 47.1 | -11.7 |
| 10:40 PM - 10:45 PM | 52.4 | 47.8 | 4.6 | 1.5 | - | 53.9 | 46.8 | 7.1 |
| 10:45 PM - 10:50 PM | 38.6 | 47.6 | -9.0 | 7.0 | - | 34.6 | 46.9 | -12.3 |
| 10:50 PM - 10:55 PM | 37.9 | 47.6 | -9.7 | 7.0 | - | 33.9 | 47.0 | -13.1 |
| 10:55 PM - 11:00 PM | 37.7 | 48.4 | -10.7 | 7.0 | - | 33.7 | 46.8 | -13.1 |
| 11:00 PM - 11:05 PM | 39.8 | 48.7 | -8.9 | 7.0 | - | 35.8 | 47.3 | -11.5 |
| 11:05 PM - 11:10 PM | 38.6 | 47.9 | -9.3 | 7.0 | - | 34.6 | 46.7 | -12.1 |
| 11:10 PM - 11:15 PM | 48.9 | 47.1 | 1.8 | 4.5 | - | 47.4 | 46.4 | 1.0 |
| 11:15 PM - 11:20 PM | 39.6 | 48.0 | -8.4 | 7.0 | - | 35.6 | 46.3 | -10.7 |
| 11:20 PM - 11:25 PM | 39.3 | 47.4 | -8.1 | 7.0 | - | 35.3 | 46.6 | -11.3 |
| 11:25 PM - 11:30 PM | 40.0 | 47.6 | -7.6 | 7.0 | - | 36.0 | 46.6 | -10.6 |
| 11:30 PM - 11:35 PM | 49.1 | 49.2 | -0.1 | 7.0 | - | 45.1 | 46.4 | -1.3 |
| 11:35 PM - 11:40 PM | 41.9 | 54.1 | -12.2 | 7.0 | - | 37.9 | 46.2 | -8.3 |
| 11:40 PM - 11:45 PM | 39.7 | 47.6 | -7.9 | 7.0 | - | 35.7 | 45.9 | -10.2 |
| 11:45 PM - 11:50 PM | 40.7 | 48.0 | -7.3 | 7.0 | - | 36.7 | 46.1 | -9.4 |
| 11:50 PM - 11:55 PM | 37.4 | 46.1 | -8.7 | 7.0 | - | 33.4 | 45.1 | -11.7 |
| 11:55 PM - 12:00 AM | 38.5 | 46.5 | -8.0 | 7.0 | - | 34.5 | 45.4 | -10.9 |
| 12:00 AM - 12:05 AM | 39.0 | 46.2 | -7.2 | 7.0 | - | 35.0 | 44.9 | -9.9 |
| 12:05 AM - 12:10 AM | 37.7 | 45.5 | -7.8 | 7.0 | - | 33.7 | 44.8 | -11.1 |
| 12:10 AM - 12:15 AM | 41.7 | 47.1 | -5.4 | 7.0 | - | 37.7 | 45.2 | -7.5 |
| 12:15 AM - 12:20 AM | 42.3 | 48.3 | -6.0 | 7.0 | - | 38.3 | 45.4 | -7.1 |
| 12:20 AM - 12:25 AM | 42.4 | 47.2 | -4.8 | 7.0 | - | 38.4 | 45.4 | -7.0 |
| 12:25 AM - 12:30 AM | 37.7 | 46.3 | -8.6 | 7.0 | - | 33.7 | 45.3 | -11.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854789-1



**Sample No.** 23128872-3
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:30 AM - 12:35 AM | 41.1 | 49.0 | -7.9 | 7.0 | - | 37.1 | 45.5 | -8.4 |
| 12:35 AM - 12:40 AM | 39.4 | 48.4 | -9.0 | 7.0 | - | 35.4 | 45.8 | -10.4 |
| 12:40 AM - 12:45 AM | 40.5 | 46.6 | -6.1 | 7.0 | - | 36.5 | 45.1 | -8.6 |
| 12:45 AM - 12:50 AM | 38.9 | 47.2 | -8.3 | 7.0 | - | 34.9 | 45.6 | -10.7 |
| 12:50 AM - 12:55 AM | 38.6 | 46.2 | -7.6 | 7.0 | - | 34.6 | 45.4 | -10.8 |
| 12:55 AM - 01:00 AM | 37.8 | 48.1 | -10.3 | 7.0 | - | 33.8 | 46.4 | -12.6 |
| 01:00 AM - 01:05 AM | 38.9 | 46.9 | -8.0 | 7.0 | - | 34.9 | 46.0 | -11.1 |
| 01:05 AM - 01:10 AM | 36.8 | 47.0 | -10.2 | 7.0 | - | 32.8 | 46.0 | -13.2 |
| 01:10 AM - 01:15 AM | 38.5 | 46.9 | -8.4 | 7.0 | - | 34.5 | 46.2 | -11.7 |
| 01:15 AM - 01:20 AM | 36.6 | 46.5 | -9.9 | 7.0 | - | 32.6 | 45.6 | -13.0 |
| 01:20 AM - 01:25 AM | 39.2 | 47.6 | -8.4 | 7.0 | - | 35.2 | 45.5 | -10.3 |
| 01:25 AM - 01:30 AM | 37.5 | 46.6 | -9.1 | 7.0 | - | 33.5 | 45.9 | -12.4 |
| 01:30 AM - 01:35 AM | 39.5 | 46.3 | -6.8 | 7.0 | - | 35.5 | 45.5 | -10.0 |
| 01:35 AM - 01:40 AM | 49.4 | 55.7 | -6.3 | 7.0 | - | 45.4 | 45.4 | 0.0 |
| 01:40 AM - 01:45 AM | 35.9 | 53.3 | -17.4 | 7.0 | - | 31.9 | 45.4 | -13.5 |
| 01:45 AM - 01:50 AM | 34.9 | 46.2 | -11.3 | 7.0 | - | 30.9 | 45.4 | -14.5 |
| 01:50 AM - 01:55 AM | 34.6 | 46.3 | -11.7 | 7.0 | - | 30.6 | 45.6 | -15.0 |
| 01:55 AM - 02:00 AM | 36.2 | 46.6 | -10.4 | 7.0 | - | 32.2 | 45.7 | -13.5 |
| 02:00 AM - 02:05 AM | 35.6 | 46.4 | -10.8 | 7.0 | - | 31.6 | 45.6 | -14.0 |
| 02:05 AM - 02:10 AM | 37.7 | 46.6 | -8.9 | 7.0 | - | 33.7 | 45.7 | -12.0 |
| 02:10 AM - 02:15 AM | 39.3 | 46.7 | -7.4 | 7.0 | - | 35.3 | 45.4 | -10.1 |
| 02:15 AM - 02:20 AM | 33.9 | 45.9 | -12.0 | 7.0 | - | 29.9 | 44.9 | -15.0 |
| 02:20 AM - 02:25 AM | 35.6 | 45.6 | -10.0 | 7.0 | - | 31.6 | 44.4 | -12.8 |
| 02:25 AM - 02:30 AM | 34.6 | 45.7 | -11.1 | 7.0 | - | 30.6 | 44.7 | -14.1 |
| 02:30 AM - 02:35 AM | 38.5 | 45.7 | -7.2 | 7.0 | - | 34.5 | 44.9 | -10.4 |
| 02:35 AM - 02:40 AM | 34.1 | 46.1 | -12.0 | 7.0 | - | 30.1 | 45.0 | -14.9 |
| 02:40 AM - 02:45 AM | 37.2 | 46.4 | -9.2 | 7.0 | - | 33.2 | 45.1 | -11.9 |
| 02:45 AM - 02:50 AM | 38.6 | 48.1 | -9.5 | 7.0 | - | 34.6 | 46.0 | -11.4 |
| 02:50 AM - 02:55 AM | 38.9 | 47.3 | -8.4 | 7.0 | - | 34.9 | 46.0 | -11.1 |
| 02:55 AM - 03:00 AM | 37.8 | 46.1 | -8.3 | 7.0 | - | 33.8 | 44.7 | -10.9 |
| 03:00 AM - 03:05 AM | 38.5 | 46.3 | -7.8 | 7.0 | - | 34.5 | 44.5 | -10.0 |
| 03:05 AM - 03:10 AM | 36.2 | 47.3 | -11.1 | 7.0 | - | 32.2 | 45.8 | -13.6 |
| 03:10 AM - 03:15 AM | 36.3 | 47.3 | -11.0 | 7.0 | - | 32.3 | 46.3 | -14.0 |
| 03:15 AM - 03:20 AM | 48.1 | 47.7 | 0.4 | 7.0 | - | 44.1 | 46.7 | -2.6 |
| 03:20 AM - 03:25 AM | 40.1 | 47.4 | -7.3 | 7.0 | - | 36.1 | 46.6 | -10.5 |
| 03:25 AM - 03:30 AM | 35.6 | 47.7 | -12.1 | 7.0 | - | 31.6 | 46.8 | -15.2 |
| 03:30 AM - 03:35 AM | 40.8 | 48.2 | -7.4 | 7.0 | - | 36.8 | 46.9 | -10.1 |
| 03:35 AM - 03:40 AM | 36.2 | 47.0 | -10.8 | 7.0 | - | 32.2 | 46.0 | -13.8 |
| 03:40 AM - 03:45 AM | 39.3 | 47.5 | -8.2 | 7.0 | - | 35.3 | 45.8 | -10.5 |
| 03:45 AM - 03:50 AM | 44.4 | 47.4 | -3.0 | 7.0 | - | 40.4 | 46.3 | -5.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854789-1



**Sample No.** 23128872-3
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | เสียงจากแหล่งกำเนิด (A) | เสียงขณะไม่มีการรบกวน (B) | ผลต่างระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับการรบกวน (D-E) |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:50 AM - 03:55 AM | 50.8 | 56.8 | -6.0 | 7.0 | - | 46.8 | 46.1 | 0.7 |
| 03:55 AM - 04:00 AM | 42.0 | 47.8 | -5.8 | 7.0 | - | 38.0 | 46.0 | -8.0 |
| 04:00 AM - 04:05 AM | 46.5 | 48.4 | -1.9 | 7.0 | - | 42.5 | 47.3 | -4.8 |
| 04:05 AM - 04:10 AM | 36.7 | 47.8 | -11.1 | 7.0 | - | 32.7 | 46.8 | -14.1 |
| 04:10 AM - 04:15 AM | 44.8 | 47.9 | -3.1 | 7.0 | - | 40.8 | 46.9 | -6.1 |
| 04:15 AM - 04:20 AM | 47.7 | 52.5 | -4.8 | 7.0 | - | 43.7 | 46.5 | -2.8 |
| 04:20 AM - 04:25 AM | 38.0 | 47.4 | -9.4 | 7.0 | - | 34.0 | 46.4 | -12.4 |
| 04:25 AM - 04:30 AM | 42.8 | 47.9 | -5.1 | 7.0 | - | 38.8 | 46.5 | -7.7 |
| 04:30 AM - 04:35 AM | 45.1 | 48.7 | -3.6 | 7.0 | - | 41.1 | 46.5 | -5.4 |
| 04:35 AM - 04:40 AM | 47.5 | 46.9 | 0.6 | 7.0 | - | 43.5 | 45.4 | -1.9 |
| 04:40 AM - 04:45 AM | 49.3 | 46.2 | 3.1 | 3.0 | - | 49.3 | 45.0 | 4.3 |
| 04:45 AM - 04:50 AM | 44.2 | 46.4 | -2.2 | 7.0 | - | 40.2 | 44.9 | -4.7 |
| 04:50 AM - 04:55 AM | 50.9 | 55.2 | -4.3 | 7.0 | - | 46.9 | 45.8 | 1.1 |
| 04:55 AM - 05:00 AM | 40.6 | 55.3 | -14.7 | 7.0 | - | 36.6 | 46.6 | -10.0 |
| 05:00 AM - 05:05 AM | 41.6 | 48.1 | -6.5 | 7.0 | - | 37.6 | 46.6 | -9.0 |
| 05:05 AM - 05:10 AM | 38.6 | 47.9 | -9.3 | 7.0 | - | 34.6 | 46.2 | -11.6 |
| 05:10 AM - 05:15 AM | 37.6 | 47.4 | -9.8 | 7.0 | - | 33.6 | 45.8 | -12.2 |
| 05:15 AM - 05:20 AM | 48.5 | 47.8 | 0.7 | 7.0 | - | 44.5 | 45.6 | -1.1 |
| 05:20 AM - 05:25 AM | 51.8 | 48.0 | 3.8 | 2.0 | - | 52.8 | 45.7 | 7.1 |
| 05:25 AM - 05:30 AM | 51.0 | 58.5 | -7.5 | 7.0 | - | 47.0 | 46.0 | 1.0 |
| 05:30 AM - 05:35 AM | 44.9 | 47.6 | -2.7 | 7.0 | - | 40.9 | 46.1 | -5.2 |
| 05:35 AM - 05:40 AM | 44.0 | 47.8 | -3.8 | 7.0 | - | 40.0 | 46.1 | -6.1 |
| 05:40 AM - 05:45 AM | 44.9 | 50.7 | -5.8 | 7.0 | - | 40.9 | 47.2 | -6.3 |
| 05:45 AM - 05:50 AM | 49.5 | 52.1 | -2.6 | 7.0 | - | 45.5 | 48.0 | -2.5 |
| 05:50 AM - 05:55 AM | 49.9 | 59.1 | -9.2 | 7.0 | - | 45.9 | 48.1 | -2.2 |
| 05:55 AM - 06:00 AM | 49.7 | 58.4 | -8.7 | 7.0 | - | 45.7 | 49.2 | -3.5 |
| 06:00 AM - 07:00 AM | 47.3 | 53.8 | -6.5 | 7.0 | 40.3 | - | 46.7 | -6.4 |
| 07:00 AM - 08:00 AM | 49.7 | 45.8 | 3.9 | 2.0 | 47.7 | - | 42.3 | 5.4 |
| 08:00 AM - 09:00 AM | 47.1 | 50.3 | -3.2 | 7.0 | 40.1 | - | 40.7 | -0.6 |
| 09:00 AM - 10:00 AM | 47.1 | 43.9 | 3.2 | 3.0 | 44.1 | - | 39.9 | 4.2 |
| 10:00 AM - 11:00 AM | 54.4 | 48.8 | 5.6 | 1.5 | 52.9 | - | 38.8 | 14.1 |
| 11:00 AM - 12:00 PM | 50.9 | 43.5 | 7.4 | 1.0 | 49.9 | - | 39.1 | 10.8 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-3 วันที่ตรวจวัด 25-26 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854790-1



**Sample No.** 23128872-4
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 50.3 | 46.0 | 4.3 | 2.0 | 48.3 | - | 37.2 | 11.1 |
| 01:00 PM - 02:00 PM | 45.9 | 43.1 | 2.8 | 3.0 | 42.9 | - | 38.3 | 4.6 |
| 02:00 PM - 03:00 PM | 48.3 | 43.0 | 5.3 | 1.5 | 46.8 | - | 37.7 | 9.1 |
| 03:00 PM - 04:00 PM | 50.7 | 43.3 | 7.4 | 1.0 | 49.7 | - | 38.0 | 11.7 |
| 04:00 PM - 05:00 PM | 50.8 | 44.0 | 6.8 | 1.0 | 49.8 | - | 39.5 | 10.3 |
| 05:00 PM - 06:00 PM | 48.7 | 48.2 | 0.5 | 7.0 | 41.7 | - | 42.4 | -0.7 |
| 06:00 PM - 07:00 PM | 46.9 | 55.8 | -8.9 | 7.0 | 39.9 | - | 45.2 | -5.3 |
| 07:00 PM - 08:00 PM | 45.0 | 48.2 | -3.2 | 7.0 | 38.0 | - | 45.8 | -7.8 |
| 08:00 PM - 09:00 PM | 44.6 | 48.5 | -3.9 | 7.0 | 37.6 | - | 46.0 | -8.4 |
| 09:00 PM - 10:00 PM | 44.5 | 48.7 | -4.2 | 7.0 | 37.5 | - | 46.8 | -9.3 |
| 10:00 PM - 10:05 PM | 39.9 | 48.0 | -8.1 | 7.0 | - | 35.9 | 47.1 | -11.2 |
| 10:05 PM - 10:10 PM | 41.0 | 47.6 | -6.6 | 7.0 | - | 37.0 | 46.9 | -9.9 |
| 10:10 PM - 10:15 PM | 42.7 | 47.6 | -4.9 | 7.0 | - | 38.7 | 46.5 | -7.8 |
| 10:15 PM - 10:20 PM | 42.2 | 49.1 | -6.9 | 7.0 | - | 38.2 | 46.3 | -8.1 |
| 10:20 PM - 10:25 PM | 52.6 | 47.4 | 5.2 | 1.5 | - | 54.1 | 45.7 | 8.4 |
| 10:25 PM - 10:30 PM | 52.7 | 51.1 | 1.6 | 4.5 | - | 51.2 | 44.7 | 6.5 |
| 10:30 PM - 10:35 PM | 40.7 | 45.4 | -4.7 | 7.0 | - | 36.7 | 43.0 | -6.3 |
| 10:35 PM - 10:40 PM | 68.4 | 54.0 | 14.4 | 0.0 | - | 71.4 | 43.8 | 27.6 |
| 10:40 PM - 10:45 PM | 63.0 | 55.1 | 7.9 | 0.5 | - | 65.5 | 44.3 | 21.2 |
| 10:45 PM - 10:50 PM | 49.0 | 46.8 | 2.2 | 4.5 | - | 47.5 | 44.7 | 2.8 |
| 10:50 PM - 10:55 PM | 47.8 | 46.1 | 1.7 | 4.5 | - | 46.3 | 44.5 | 1.8 |
| 10:55 PM - 11:00 PM | 49.9 | 44.8 | 5.1 | 1.5 | - | 51.4 | 43.2 | 8.2 |
| 11:00 PM - 11:05 PM | 53.5 | 50.1 | 3.4 | 3.0 | - | 53.5 | 45.5 | 8.0 |
| 11:05 PM - 11:10 PM | 44.6 | 50.6 | -6.0 | 7.0 | - | 40.6 | 49.1 | -8.5 |
| 11:10 PM - 11:15 PM | 47.2 | 49.6 | -2.4 | 7.0 | - | 43.2 | 46.7 | -3.5 |
| 11:15 PM - 11:20 PM | 40.5 | 46.6 | -6.1 | 7.0 | - | 36.5 | 43.7 | -7.2 |
| 11:20 PM - 11:25 PM | 38.9 | 44.2 | -5.3 | 7.0 | - | 34.9 | 43.3 | -8.4 |
| 11:25 PM - 11:30 PM | 39.2 | 45.0 | -5.8 | 7.0 | - | 35.2 | 43.4 | -8.2 |
| 11:30 PM - 11:35 PM | 37.5 | 46.5 | -9.0 | 7.0 | - | 33.5 | 44.6 | -11.1 |
| 11:35 PM - 11:40 PM | 39.5 | 45.2 | -5.7 | 7.0 | - | 35.5 | 44.3 | -8.8 |
| 11:40 PM - 11:45 PM | 35.5 | 45.0 | -9.5 | 7.0 | - | 31.5 | 44.2 | -12.7 |
| 11:45 PM - 11:50 PM | 35.4 | 44.9 | -9.5 | 7.0 | - | 31.4 | 44.3 | -12.9 |
| 11:50 PM - 11:55 PM | 36.6 | 44.9 | -8.3 | 7.0 | - | 32.6 | 44.2 | -11.6 |
| 11:55 PM - 12:00 AM | 38.9 | 45.0 | -6.1 | 7.0 | - | 34.9 | 43.8 | -8.9 |
| 12:00 AM - 12:05 AM | 35.4 | 43.4 | -8.0 | 7.0 | - | 31.4 | 42.7 | -11.3 |
| 12:05 AM - 12:10 AM | 35.5 | 43.8 | -8.3 | 7.0 | - | 31.5 | 43.1 | -11.6 |
| 12:10 AM - 12:15 AM | 44.5 | 44.3 | 0.2 | 7.0 | - | 40.5 | 43.1 | -2.6 |
| 12:15 AM - 12:20 AM | 35.3 | 45.5 | -10.2 | 7.0 | - | 31.3 | 43.2 | -11.9 |
| 12:20 AM - 12:25 AM | 37.0 | 44.0 | -7.0 | 7.0 | - | 33.0 | 43.2 | -10.2 |
| 12:25 AM - 12:30 AM | 35.5 | 44.0 | -8.5 | 7.0 | - | 31.5 | 43.1 | -11.6 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854790-1



**Sample No.** 23128872-4
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:30 AM - 12:35 AM | 34.8 | 45.0 | -10.2 | 7.0 | - | 30.8 | 44.0 | -13.2 |
| 12:35 AM - 12:40 AM | 38.2 | 45.4 | -7.2 | 7.0 | - | 34.2 | 44.3 | -10.1 |
| 12:40 AM - 12:45 AM | 35.8 | 45.4 | -9.6 | 7.0 | - | 31.8 | 43.7 | -11.9 |
| 12:45 AM - 12:50 AM | 35.4 | 44.5 | -9.1 | 7.0 | - | 31.4 | 43.3 | -11.9 |
| 12:50 AM - 12:55 AM | 35.5 | 44.7 | -9.2 | 7.0 | - | 31.5 | 43.6 | -12.1 |
| 12:55 AM - 01:00 AM | 36.3 | 45.4 | -9.1 | 7.0 | - | 32.3 | 44.4 | -12.1 |
| 01:00 AM - 01:05 AM | 35.1 | 45.4 | -10.3 | 7.0 | - | 31.1 | 44.6 | -13.5 |
| 01:05 AM - 01:10 AM | 36.3 | 45.5 | -9.2 | 7.0 | - | 32.3 | 44.4 | -12.1 |
| 01:10 AM - 01:15 AM | 34.9 | 46.0 | -11.1 | 7.0 | - | 30.9 | 45.2 | -14.3 |
| 01:15 AM - 01:20 AM | 35.2 | 45.6 | -10.4 | 7.0 | - | 31.2 | 44.5 | -13.3 |
| 01:20 AM - 01:25 AM | 37.3 | 45.7 | -8.4 | 7.0 | - | 33.3 | 44.6 | -11.3 |
| 01:25 AM - 01:30 AM | 38.0 | 45.0 | -7.0 | 7.0 | - | 34.0 | 44.0 | -10.0 |
| 01:30 AM - 01:35 AM | 35.5 | 45.0 | -9.5 | 7.0 | - | 31.5 | 43.9 | -12.4 |
| 01:35 AM - 01:40 AM | 35.8 | 44.9 | -9.1 | 7.0 | - | 31.8 | 43.7 | -11.9 |
| 01:40 AM - 01:45 AM | 36.9 | 44.1 | -7.2 | 7.0 | - | 32.9 | 43.1 | -10.2 |
| 01:45 AM - 01:50 AM | 36.2 | 44.2 | -8.0 | 7.0 | - | 32.2 | 43.1 | -10.9 |
| 01:50 AM - 01:55 AM | 37.3 | 45.1 | -7.8 | 7.0 | - | 33.3 | 43.9 | -10.6 |
| 01:55 AM - 02:00 AM | 35.5 | 44.9 | -9.4 | 7.0 | - | 31.5 | 43.2 | -11.7 |
| 02:00 AM - 02:05 AM | 34.1 | 45.2 | -11.1 | 7.0 | - | 30.1 | 44.1 | -14.0 |
| 02:05 AM - 02:10 AM | 40.4 | 46.9 | -6.5 | 7.0 | - | 36.4 | 44.2 | -7.8 |
| 02:10 AM - 02:15 AM | 36.1 | 46.1 | -10.0 | 7.0 | - | 32.1 | 44.8 | -12.7 |
| 02:15 AM - 02:20 AM | 34.5 | 44.8 | -10.3 | 7.0 | - | 30.5 | 43.9 | -13.4 |
| 02:20 AM - 02:25 AM | 47.6 | 45.5 | 2.1 | 4.5 | - | 46.1 | 43.8 | 2.3 |
| 02:25 AM - 02:30 AM | 34.7 | 46.2 | -11.5 | 7.0 | - | 30.7 | 45.3 | -14.6 |
| 02:30 AM - 02:35 AM | 41.8 | 45.2 | -3.4 | 7.0 | - | 37.8 | 44.5 | -6.7 |
| 02:35 AM - 02:40 AM | 34.9 | 46.3 | -11.4 | 7.0 | - | 30.9 | 45.0 | -14.1 |
| 02:40 AM - 02:45 AM | 35.3 | 45.7 | -10.4 | 7.0 | - | 31.3 | 45.0 | -13.7 |
| 02:45 AM - 02:50 AM | 38.0 | 46.1 | -8.1 | 7.0 | - | 34.0 | 44.8 | -10.8 |
| 02:50 AM - 02:55 AM | 36.7 | 44.8 | -8.1 | 7.0 | - | 32.7 | 44.1 | -11.4 |
| 02:55 AM - 03:00 AM | 38.0 | 45.0 | -7.0 | 7.0 | - | 34.0 | 43.9 | -9.9 |
| 03:00 AM - 03:05 AM | 37.5 | 45.5 | -8.0 | 7.0 | - | 33.5 | 44.6 | -11.1 |
| 03:05 AM - 03:10 AM | 37.4 | 46.2 | -8.8 | 7.0 | - | 33.4 | 45.4 | -12.0 |
| 03:10 AM - 03:15 AM | 43.8 | 46.2 | -2.4 | 7.0 | - | 39.8 | 45.4 | -5.6 |
| 03:15 AM - 03:20 AM | 45.6 | 46.8 | -1.2 | 7.0 | - | 41.6 | 45.2 | -3.6 |
| 03:20 AM - 03:25 AM | 37.4 | 45.3 | -7.9 | 7.0 | - | 33.4 | 44.4 | -11.0 |
| 03:25 AM - 03:30 AM | 37.2 | 45.4 | -8.2 | 7.0 | - | 33.2 | 44.5 | -11.3 |
| 03:30 AM - 03:35 AM | 37.4 | 44.6 | -7.2 | 7.0 | - | 33.4 | 43.8 | -10.4 |
| 03:35 AM - 03:40 AM | 41.5 | 45.0 | -3.5 | 7.0 | - | 37.5 | 43.7 | -6.2 |
| 03:40 AM - 03:45 AM | 57.9 | 46.5 | 11.4 | 0.5 | - | 60.4 | 43.9 | 16.5 |
| 03:45 AM - 03:50 AM | 41.3 | 47.5 | -6.2 | 7.0 | - | 37.3 | 43.8 | -6.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854790-1



**Sample No.** 23128872-4
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:50 AM - 03:55 AM | 37.0 | 45.4 | -8.4 | 7.0 | - | 33.0 | 43.6 | -10.6 |
| 03:55 AM - 04:00 AM | 42.7 | 44.7 | -2.0 | 7.0 | - | 38.7 | 43.9 | -5.2 |
| 04:00 AM - 04:05 AM | 53.5 | 56.6 | -3.1 | 7.0 | - | 49.5 | 43.6 | 5.9 |
| 04:05 AM - 04:10 AM | 43.0 | 53.7 | -10.7 | 7.0 | - | 39.0 | 43.8 | -4.8 |
| 04:10 AM - 04:15 AM | 38.6 | 45.4 | -6.8 | 7.0 | - | 34.6 | 44.1 | -9.5 |
| 04:15 AM - 04:20 AM | 43.7 | 45.6 | -1.9 | 7.0 | - | 39.7 | 44.6 | -4.9 |
| 04:20 AM - 04:25 AM | 48.4 | 50.2 | -1.8 | 7.0 | - | 44.4 | 44.2 | 0.2 |
| 04:25 AM - 04:30 AM | 44.1 | 50.4 | -6.3 | 7.0 | - | 40.1 | 44.2 | -4.1 |
| 04:30 AM - 04:35 AM | 42.1 | 46.5 | -4.4 | 7.0 | - | 38.1 | 44.5 | -6.4 |
| 04:35 AM - 04:40 AM | 46.6 | 46.0 | 0.6 | 7.0 | - | 42.6 | 44.7 | -2.1 |
| 04:40 AM - 04:45 AM | 51.5 | 55.4 | -3.9 | 7.0 | - | 47.5 | 44.8 | 2.7 |
| 04:45 AM - 04:50 AM | 47.2 | 54.4 | -7.2 | 7.0 | - | 43.2 | 44.6 | -1.4 |
| 04:50 AM - 04:55 AM | 44.9 | 45.8 | -0.9 | 7.0 | - | 40.9 | 44.4 | -3.5 |
| 04:55 AM - 05:00 AM | 42.9 | 45.7 | -2.8 | 7.0 | - | 38.9 | 44.5 | -5.6 |
| 05:00 AM - 05:05 AM | 48.8 | 47.3 | 1.5 | 4.5 | - | 47.3 | 45.5 | 1.8 |
| 05:05 AM - 05:10 AM | 50.9 | 56.6 | -5.7 | 7.0 | - | 46.9 | 45.1 | 1.8 |
| 05:10 AM - 05:15 AM | 49.9 | 52.4 | -2.5 | 7.0 | - | 45.9 | 44.4 | 1.5 |
| 05:15 AM - 05:20 AM | 45.2 | 54.0 | -8.8 | 7.0 | - | 41.2 | 45.2 | -4.0 |
| 05:20 AM - 05:25 AM | 40.4 | 45.8 | -5.4 | 7.0 | - | 36.4 | 44.6 | -8.2 |
| 05:25 AM - 05:30 AM | 40.5 | 46.8 | -6.3 | 7.0 | - | 36.5 | 45.1 | -8.6 |
| 05:30 AM - 05:35 AM | 42.1 | 47.5 | -5.4 | 7.0 | - | 38.1 | 46.1 | -8.0 |
| 05:35 AM - 05:40 AM | 49.4 | 48.3 | 1.1 | 7.0 | - | 45.4 | 45.9 | -0.5 |
| 05:40 AM - 05:45 AM | 52.8 | 57.0 | -4.2 | 7.0 | - | 48.8 | 46.1 | 2.7 |
| 05:45 AM - 05:50 AM | 49.4 | 55.1 | -5.7 | 7.0 | - | 45.4 | 46.4 | -1.0 |
| 05:50 AM - 05:55 AM | 51.5 | 57.2 | -5.7 | 7.0 | - | 47.5 | 46.8 | 0.7 |
| 05:55 AM - 06:00 AM | 50.4 | 57.3 | -6.9 | 7.0 | - | 46.4 | 47.2 | -0.8 |
| 06:00 AM - 07:00 AM | 52.7 | 52.1 | 0.6 | 7.0 | 45.7 | - | 47.3 | -1.6 |
| 07:00 AM - 08:00 AM | 52.7 | 49.2 | 3.5 | 2.0 | 50.7 | - | 45.5 | 5.2 |
| 08:00 AM - 09:00 AM | 50.7 | 45.5 | 5.2 | 1.5 | 49.2 | - | 42.4 | 6.8 |
| 09:00 AM - 10:00 AM | 52.3 | 45.0 | 7.3 | 1.0 | 51.3 | - | 41.1 | 10.2 |
| 10:00 AM - 11:00 AM | 50.4 | 44.2 | 6.2 | 1.5 | 48.9 | - | 41.1 | 7.8 |
| 11:00 AM - 12:00 PM | 48.5 | 45.2 | 3.3 | 3.0 | 45.5 | - | 39.9 | 5.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-4 วันที่ตรวจวัด 26-27 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O :** RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854791-1



**Sample No.** 23128872-5
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 47.7 | 42.0 | 5.7 | 1.5 | 46.2 | - | 36.9 | 9.3 |
| 01:00 PM - 02:00 PM | 45.5 | 42.1 | 3.4 | 3.0 | 42.5 | - | 37.9 | 4.6 |
| 02:00 PM - 03:00 PM | 45.6 | 42.9 | 2.7 | 3.0 | 42.6 | - | 38.0 | 4.6 |
| 03:00 PM - 04:00 PM | 46.0 | 43.9 | 2.1 | 4.5 | 41.5 | - | 39.2 | 2.3 |
| 04:00 PM - 05:00 PM | 47.4 | 45.1 | 2.3 | 4.5 | 42.9 | - | 41.4 | 1.5 |
| 05:00 PM - 06:00 PM | 49.0 | 48.6 | 0.4 | 7.0 | 42.0 | - | 44.9 | -2.9 |
| 06:00 PM - 07:00 PM | 46.7 | 50.2 | -3.5 | 7.0 | 39.7 | - | 48.3 | -8.6 |
| 07:00 PM - 08:00 PM | 51.2 | 54.5 | -3.3 | 7.0 | 44.2 | - | 50.1 | -5.9 |
| 08:00 PM - 09:00 PM | 50.3 | 53.9 | -3.6 | 7.0 | 43.3 | - | 51.0 | -7.7 |
| 09:00 PM - 10:00 PM | 50.0 | 54.0 | -4.0 | 7.0 | 43.0 | - | 51.0 | -8.0 |
| 10:00 PM - 10:05 PM | 52.3 | 56.5 | -4.2 | 7.0 | - | 48.3 | 52.4 | -4.1 |
| 10:05 PM - 10:10 PM | 52.7 | 55.4 | -2.7 | 7.0 | - | 48.7 | 52.0 | -3.3 |
| 10:10 PM - 10:15 PM | 51.6 | 55.8 | -4.2 | 7.0 | - | 47.6 | 52.3 | -4.7 |
| 10:15 PM - 10:20 PM | 50.3 | 53.9 | -3.6 | 7.0 | - | 46.3 | 50.9 | -4.6 |
| 10:20 PM - 10:25 PM | 50.1 | 54.7 | -4.6 | 7.0 | - | 46.1 | 51.6 | -5.5 |
| 10:25 PM - 10:30 PM | 51.0 | 55.3 | -4.3 | 7.0 | - | 47.0 | 52.6 | -5.6 |
| 10:30 PM - 10:35 PM | 52.1 | 55.6 | -3.5 | 7.0 | - | 48.1 | 52.6 | -4.5 |
| 10:35 PM - 10:40 PM | 49.6 | 55.7 | -6.1 | 7.0 | - | 45.6 | 52.7 | -7.1 |
| 10:40 PM - 10:45 PM | 51.8 | 56.8 | -5.0 | 7.0 | - | 47.8 | 53.0 | -5.2 |
| 10:45 PM - 10:50 PM | 51.0 | 57.3 | -6.3 | 7.0 | - | 47.0 | 53.8 | -6.8 |
| 10:50 PM - 10:55 PM | 49.4 | 54.7 | -5.3 | 7.0 | - | 45.4 | 52.1 | -6.7 |
| 10:55 PM - 11:00 PM | 49.3 | 55.2 | -5.9 | 7.0 | - | 45.3 | 52.2 | -6.9 |
| 11:00 PM - 11:05 PM | 50.8 | 56.1 | -5.3 | 7.0 | - | 46.8 | 52.8 | -6.0 |
| 11:05 PM - 11:10 PM | 54.6 | 56.4 | -1.8 | 7.0 | - | 50.6 | 52.5 | -1.9 |
| 11:10 PM - 11:15 PM | 46.8 | 53.4 | -6.6 | 7.0 | - | 42.8 | 51.1 | -8.3 |
| 11:15 PM - 11:20 PM | 46.1 | 51.7 | -5.6 | 7.0 | - | 42.1 | 49.9 | -7.8 |
| 11:20 PM - 11:25 PM | 46.5 | 52.7 | -6.2 | 7.0 | - | 42.5 | 50.2 | -7.7 |
| 11:25 PM - 11:30 PM | 46.1 | 53.6 | -7.5 | 7.0 | - | 42.1 | 50.9 | -8.8 |
| 11:30 PM - 11:35 PM | 47.6 | 53.1 | -5.5 | 7.0 | - | 43.6 | 50.3 | -6.7 |
| 11:35 PM - 11:40 PM | 47.3 | 54.6 | -7.3 | 7.0 | - | 43.3 | 51.9 | -8.6 |
| 11:40 PM - 11:45 PM | 47.3 | 53.0 | -5.7 | 7.0 | - | 43.3 | 49.6 | -6.3 |
| 11:45 PM - 11:50 PM | 45.7 | 51.7 | -6.0 | 7.0 | - | 41.7 | 49.4 | -7.7 |
| 11:50 PM - 11:55 PM | 45.5 | 52.7 | -7.2 | 7.0 | - | 41.5 | 49.4 | -7.9 |
| 11:55 PM - 12:00 AM | 44.4 | 48.2 | -3.8 | 7.0 | - | 40.4 | 46.2 | -5.8 |
| 12:00 AM - 12:05 AM | 44.7 | 47.6 | -2.9 | 7.0 | - | 40.7 | 45.5 | -4.8 |
| 12:05 AM - 12:10 AM | 44.2 | 47.7 | -3.5 | 7.0 | - | 40.2 | 44.5 | -4.3 |
| 12:10 AM - 12:15 AM | 41.8 | 47.3 | -5.5 | 7.0 | - | 37.8 | 45.2 | -7.4 |
| 12:15 AM - 12:20 AM | 40.8 | 46.1 | -5.3 | 7.0 | - | 36.8 | 44.5 | -7.7 |
| 12:20 AM - 12:25 AM | 41.8 | 46.8 | -5.0 | 7.0 | - | 37.8 | 45.0 | -7.2 |
| 12:25 AM - 12:30 AM | 56.2 | 48.1 | 8.1 | 0.5 | - | 58.7 | 45.4 | 13.3 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854791-1



**Sample No.** 23128872-5
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:30 AM - 12:35 AM | 45.4 | 49.0 | -3.6 | 7.0 | - | 41.4 | 45.1 | -3.7 |
| 12:35 AM - 12:40 AM | 38.9 | 47.6 | -8.7 | 7.0 | - | 34.9 | 45.8 | -10.9 |
| 12:40 AM - 12:45 AM | 43.9 | 47.8 | -3.9 | 7.0 | - | 39.9 | 45.6 | -5.7 |
| 12:45 AM - 12:50 AM | 41.3 | 46.4 | -5.1 | 7.0 | - | 37.3 | 45.3 | -8.0 |
| 12:50 AM - 12:55 AM | 41.2 | 47.0 | -5.8 | 7.0 | - | 37.2 | 45.1 | -7.9 |
| 12:55 AM - 01:00 AM | 35.2 | 45.7 | -10.5 | 7.0 | - | 31.2 | 44.7 | -13.5 |
| 01:00 AM - 01:05 AM | 35.8 | 45.6 | -9.8 | 7.0 | - | 31.8 | 44.7 | -12.9 |
| 01:05 AM - 01:10 AM | 38.2 | 46.0 | -7.8 | 7.0 | - | 34.2 | 44.8 | -10.6 |
| 01:10 AM - 01:15 AM | 37.7 | 45.7 | -8.0 | 7.0 | - | 33.7 | 44.6 | -10.9 |
| 01:15 AM - 01:20 AM | 44.9 | 46.3 | -1.4 | 7.0 | - | 40.9 | 44.9 | -4.0 |
| 01:20 AM - 01:25 AM | 43.6 | 46.2 | -2.6 | 7.0 | - | 39.6 | 44.5 | -4.9 |
| 01:25 AM - 01:30 AM | 39.2 | 45.8 | -6.6 | 7.0 | - | 35.2 | 45.0 | -9.8 |
| 01:30 AM - 01:35 AM | 36.7 | 45.9 | -9.2 | 7.0 | - | 32.7 | 44.5 | -11.8 |
| 01:35 AM - 01:40 AM | 38.8 | 45.6 | -6.8 | 7.0 | - | 34.8 | 44.6 | -9.8 |
| 01:40 AM - 01:45 AM | 39.9 | 46.1 | -6.2 | 7.0 | - | 35.9 | 44.3 | -8.4 |
| 01:45 AM - 01:50 AM | 38.9 | 46.7 | -7.8 | 7.0 | - | 34.9 | 44.8 | -9.9 |
| 01:50 AM - 01:55 AM | 55.3 | 46.2 | 9.1 | 0.5 | - | 57.8 | 44.6 | 13.2 |
| 01:55 AM - 02:00 AM | 38.6 | 46.1 | -7.5 | 7.0 | - | 34.6 | 44.2 | -9.6 |
| 02:00 AM - 02:05 AM | 35.9 | 45.8 | -9.9 | 7.0 | - | 31.9 | 44.4 | -12.5 |
| 02:05 AM - 02:10 AM | 39.8 | 45.8 | -6.0 | 7.0 | - | 35.8 | 44.8 | -9.0 |
| 02:10 AM - 02:15 AM | 36.4 | 46.3 | -9.9 | 7.0 | - | 32.4 | 44.8 | -12.4 |
| 02:15 AM - 02:20 AM | 37.5 | 45.8 | -8.3 | 7.0 | - | 33.5 | 44.8 | -11.3 |
| 02:20 AM - 02:25 AM | 37.0 | 45.5 | -8.5 | 7.0 | - | 33.0 | 44.0 | -11.0 |
| 02:25 AM - 02:30 AM | 36.1 | 45.4 | -9.3 | 7.0 | - | 32.1 | 44.3 | -12.2 |
| 02:30 AM - 02:35 AM | 42.2 | 44.9 | -2.7 | 7.0 | - | 38.2 | 43.9 | -5.7 |
| 02:35 AM - 02:40 AM | 39.8 | 44.7 | -4.9 | 7.0 | - | 35.8 | 43.1 | -7.3 |
| 02:40 AM - 02:45 AM | 39.9 | 45.1 | -5.2 | 7.0 | - | 35.9 | 43.9 | -8.0 |
| 02:45 AM - 02:50 AM | 42.9 | 46.3 | -3.4 | 7.0 | - | 38.9 | 44.0 | -5.1 |
| 02:50 AM - 02:55 AM | 34.6 | 44.6 | -10.0 | 7.0 | - | 30.6 | 43.7 | -13.1 |
| 02:55 AM - 03:00 AM | 39.7 | 44.7 | -5.0 | 7.0 | - | 35.7 | 43.4 | -7.7 |
| 03:00 AM - 03:05 AM | 35.5 | 44.5 | -9.0 | 7.0 | - | 31.5 | 43.4 | -11.9 |
| 03:05 AM - 03:10 AM | 36.9 | 44.1 | -7.2 | 7.0 | - | 32.9 | 43.0 | -10.1 |
| 03:10 AM - 03:15 AM | 40.1 | 44.8 | -4.7 | 7.0 | - | 36.1 | 43.2 | -7.1 |
| 03:15 AM - 03:20 AM | 38.8 | 45.4 | -6.6 | 7.0 | - | 34.8 | 44.0 | -9.2 |
| 03:20 AM - 03:25 AM | 37.6 | 45.3 | -7.7 | 7.0 | - | 33.6 | 43.8 | -10.2 |
| 03:25 AM - 03:30 AM | 37.2 | 45.4 | -8.2 | 7.0 | - | 33.2 | 44.0 | -10.8 |
| 03:30 AM - 03:35 AM | 38.7 | 44.8 | -6.1 | 7.0 | - | 34.7 | 43.8 | -9.1 |
| 03:35 AM - 03:40 AM | 44.9 | 44.8 | 0.1 | 7.0 | - | 40.9 | 43.6 | -2.7 |
| 03:40 AM - 03:45 AM | 38.1 | 45.3 | -7.2 | 7.0 | - | 34.1 | 44.3 | -10.2 |
| 03:45 AM - 03:50 AM | 37.9 | 45.4 | -7.5 | 7.0 | - | 33.9 | 44.3 | -10.4 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854791-1



**Sample No.** 23128872-5
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:50 AM - 03:55 AM | 37.7 | 45.2 | -7.5 | 7.0 | - | 33.7 | 44.1 | -10.4 |
| 03:55 AM - 04:00 AM | 38.5 | 44.9 | -6.4 | 7.0 | - | 34.5 | 44.0 | -9.5 |
| 04:00 AM - 04:05 AM | 38.2 | 47.2 | -9.0 | 7.0 | - | 34.2 | 44.5 | -10.3 |
| 04:05 AM - 04:10 AM | 48.5 | 47.9 | 0.6 | 7.0 | - | 44.5 | 44.6 | -0.1 |
| 04:10 AM - 04:15 AM | 36.7 | 46.6 | -9.9 | 7.0 | - | 32.7 | 44.3 | -11.6 |
| 04:15 AM - 04:20 AM | 51.7 | 48.7 | 3.0 | 3.0 | - | 51.7 | 44.2 | 7.5 |
| 04:20 AM - 04:25 AM | 50.3 | 46.7 | 3.6 | 2.0 | - | 51.3 | 44.3 | 7.0 |
| 04:25 AM - 04:30 AM | 47.8 | 47.2 | 0.6 | 7.0 | - | 43.8 | 44.7 | -0.9 |
| 04:30 AM - 04:35 AM | 45.0 | 47.3 | -2.3 | 7.0 | - | 41.0 | 44.7 | -3.7 |
| 04:35 AM - 04:40 AM | 48.8 | 46.6 | 2.2 | 4.5 | - | 47.3 | 43.9 | 3.4 |
| 04:40 AM - 04:45 AM | 48.1 | 56.1 | -8.0 | 7.0 | - | 44.1 | 44.0 | 0.1 |
| 04:45 AM - 04:50 AM | 46.1 | 46.4 | -0.3 | 7.0 | - | 42.1 | 43.8 | -1.7 |
| 04:50 AM - 04:55 AM | 41.8 | 44.8 | -3.0 | 7.0 | - | 37.8 | 43.3 | -5.5 |
| 04:55 AM - 05:00 AM | 43.8 | 45.2 | -1.4 | 7.0 | - | 39.8 | 43.4 | -3.6 |
| 05:00 AM - 05:05 AM | 46.9 | 45.3 | 1.6 | 4.5 | - | 45.4 | 43.4 | 2.0 |
| 05:05 AM - 05:10 AM | 49.1 | 57.1 | -8.0 | 7.0 | - | 45.1 | 43.8 | 1.3 |
| 05:10 AM - 05:15 AM | 39.7 | 50.5 | -10.8 | 7.0 | - | 35.7 | 43.9 | -8.2 |
| 05:15 AM - 05:20 AM | 47.5 | 45.7 | 1.8 | 4.5 | - | 46.0 | 44.0 | 2.0 |
| 05:20 AM - 05:25 AM | 42.7 | 46.3 | -3.6 | 7.0 | - | 38.7 | 44.6 | -5.9 |
| 05:25 AM - 05:30 AM | 52.4 | 46.2 | 6.2 | 1.5 | - | 53.9 | 44.3 | 9.6 |
| 05:30 AM - 05:35 AM | 50.9 | 55.4 | -4.5 | 7.0 | - | 46.9 | 44.5 | 2.4 |
| 05:35 AM - 05:40 AM | 46.2 | 46.7 | -0.5 | 7.0 | - | 42.2 | 44.5 | -2.3 |
| 05:40 AM - 05:45 AM | 49.2 | 49.2 | 0.0 | 7.0 | - | 45.2 | 45.0 | 0.2 |
| 05:45 AM - 05:50 AM | 46.0 | 55.4 | -9.4 | 7.0 | - | 42.0 | 45.3 | -3.3 |
| 05:50 AM - 05:55 AM | 50.4 | 57.6 | -7.2 | 7.0 | - | 46.4 | 45.6 | 0.8 |
| 05:55 AM - 06:00 AM | 50.3 | 59.1 | -8.8 | 7.0 | - | 46.3 | 45.9 | 0.4 |
| 06:00 AM - 07:00 AM | 48.5 | 53.6 | -5.1 | 7.0 | 41.5 | - | 46.7 | -5.2 |
| 07:00 AM - 08:00 AM | 48.2 | 49.3 | -1.1 | 7.0 | 41.2 | - | 46.5 | -5.3 |
| 08:00 AM - 09:00 AM | 57.7 | 49.5 | 8.2 | 0.5 | 57.2 | - | 42.5 | 14.7 |
| 09:00 AM - 10:00 AM | 56.1 | 47.5 | 8.6 | 0.5 | 55.6 | - | 39.5 | 16.1 |
| 10:00 AM - 11:00 AM | 50.0 | 41.8 | 8.2 | 0.5 | 49.5 | - | 37.5 | 12.0 |
| 11:00 AM - 12:00 PM | 52.5 | 40.3 | 12.2 | 0.5 | 52.0 | - | 34.6 | 17.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 27-28 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-5 วันที่ตรวจวัด 27-28 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854792-1



**Sample No.** 23128872-6
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:00 PM - 01:00 PM | 42.7 | 38.5 | 4.2 | 2.0 | 40.7 | - | 34.2 | 6.5 |
| 01:00 PM - 02:00 PM | 43.6 | 41.3 | 2.3 | 4.5 | 39.1 | - | 36.6 | 2.5 |
| 02:00 PM - 03:00 PM | 49.5 | 52.3 | -2.8 | 7.0 | 42.5 | - | 37.1 | 5.4 |
| 03:00 PM - 04:00 PM | 44.2 | 44.0 | 0.2 | 7.0 | 37.2 | - | 39.8 | -2.6 |
| 04:00 PM - 05:00 PM | 44.3 | 45.7 | -1.4 | 7.0 | 37.3 | - | 41.7 | -4.4 |
| 05:00 PM - 06:00 PM | 47.2 | 46.7 | 0.5 | 7.0 | 40.2 | - | 43.4 | -3.2 |
| 06:00 PM - 07:00 PM | 45.8 | 48.2 | -2.4 | 7.0 | 38.8 | - | 46.4 | -7.6 |
| 07:00 PM - 08:00 PM | 45.3 | 47.9 | -2.6 | 7.0 | 38.3 | - | 46.4 | -8.1 |
| 08:00 PM - 09:00 PM | 52.8 | 52.2 | 0.6 | 7.0 | 45.8 | - | 46.7 | -0.9 |
| 09:00 PM - 10:00 PM | 45.3 | 50.5 | -5.2 | 7.0 | 38.3 | - | 46.7 | -8.4 |
| 10:00 PM - 10:05 PM | 43.6 | 53.6 | -10.0 | 7.0 | - | 39.6 | 46.5 | -6.9 |
| 10:05 PM - 10:10 PM | 39.8 | 48.1 | -8.3 | 7.0 | - | 35.8 | 46.7 | -10.9 |
| 10:10 PM - 10:15 PM | 43.5 | 48.0 | -4.5 | 7.0 | - | 39.5 | 46.5 | -7.0 |
| 10:15 PM - 10:20 PM | 43.5 | 47.3 | -3.8 | 7.0 | - | 39.5 | 46.1 | -6.6 |
| 10:20 PM - 10:25 PM | 53.7 | 47.4 | 6.3 | 1.5 | - | 55.2 | 45.9 | 9.3 |
| 10:25 PM - 10:30 PM | 40.6 | 51.0 | -10.4 | 7.0 | - | 36.6 | 45.3 | -8.7 |
| 10:30 PM - 10:35 PM | 39.0 | 46.8 | -7.8 | 7.0 | - | 35.0 | 45.7 | -10.7 |
| 10:35 PM - 10:40 PM | 40.3 | 47.3 | -7.0 | 7.0 | - | 36.3 | 46.1 | -9.8 |
| 10:40 PM - 10:45 PM | 38.8 | 46.8 | -8.0 | 7.0 | - | 34.8 | 45.5 | -10.7 |
| 10:45 PM - 10:50 PM | 45.5 | 46.6 | -1.1 | 7.0 | - | 41.5 | 45.3 | -3.8 |
| 10:50 PM - 10:55 PM | 40.4 | 46.9 | -6.5 | 7.0 | - | 36.4 | 46.0 | -9.6 |
| 10:55 PM - 11:00 PM | 38.2 | 46.9 | -8.7 | 7.0 | - | 34.2 | 45.8 | -11.6 |
| 11:00 PM - 11:05 PM | 48.9 | 48.4 | 0.5 | 7.0 | - | 44.9 | 45.4 | -0.5 |
| 11:05 PM - 11:10 PM | 41.0 | 46.3 | -5.3 | 7.0 | - | 37.0 | 45.5 | -8.5 |
| 11:10 PM - 11:15 PM | 43.2 | 46.8 | -3.6 | 7.0 | - | 39.2 | 45.9 | -6.7 |
| 11:15 PM - 11:20 PM | 38.2 | 46.7 | -8.5 | 7.0 | - | 34.2 | 45.8 | -11.6 |
| 11:20 PM - 11:25 PM | 39.9 | 46.4 | -6.5 | 7.0 | - | 35.9 | 45.6 | -9.7 |
| 11:25 PM - 11:30 PM | 38.6 | 46.5 | -7.9 | 7.0 | - | 34.6 | 45.2 | -10.6 |
| 11:30 PM - 11:35 PM | 37.4 | 46.0 | -8.6 | 7.0 | - | 33.4 | 45.0 | -11.6 |
| 11:35 PM - 11:40 PM | 37.5 | 45.9 | -8.4 | 7.0 | - | 33.5 | 45.2 | -11.7 |
| 11:40 PM - 11:45 PM | 36.9 | 45.6 | -8.7 | 7.0 | - | 32.9 | 44.6 | -11.7 |
| 11:45 PM - 11:50 PM | 36.8 | 45.6 | -8.8 | 7.0 | - | 32.8 | 44.7 | -11.9 |
| 11:50 PM - 11:55 PM | 36.3 | 45.3 | -9.0 | 7.0 | - | 32.3 | 44.6 | -12.3 |
| 11:55 PM - 12:00 AM | 38.3 | 44.7 | -6.4 | 7.0 | - | 34.3 | 43.9 | -9.6 |
| 12:00 AM - 12:05 AM | 36.0 | 44.4 | -8.4 | 7.0 | - | 32.0 | 43.3 | -11.3 |
| 12:05 AM - 12:10 AM | 39.4 | 45.0 | -5.6 | 7.0 | - | 35.4 | 43.9 | -8.5 |
| 12:10 AM - 12:15 AM | 39.3 | 44.8 | -5.5 | 7.0 | - | 35.3 | 44.1 | -8.8 |
| 12:15 AM - 12:20 AM | 39.9 | 45.2 | -5.3 | 7.0 | - | 35.9 | 44.4 | -8.5 |
| 12:20 AM - 12:25 AM | 39.2 | 45.3 | -6.1 | 7.0 | - | 35.2 | 44.3 | -9.1 |
| 12:25 AM - 12:30 AM | 40.4 | 45.1 | -4.7 | 7.0 | - | 36.4 | 44.2 | -7.8 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854792-1



**Sample No.** 23128872-6
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:30 AM - 12:35 AM | 39.1 | 46.3 | -7.2 | 7.0 | - | 35.1 | 45.2 | -10.1 |
| 12:35 AM - 12:40 AM | 41.6 | 46.8 | -5.2 | 7.0 | - | 37.6 | 45.8 | -8.2 |
| 12:40 AM - 12:45 AM | 40.9 | 47.0 | -6.1 | 7.0 | - | 36.9 | 46.2 | -9.3 |
| 12:45 AM - 12:50 AM | 36.5 | 48.0 | -11.5 | 7.0 | - | 32.5 | 46.8 | -14.3 |
| 12:50 AM - 12:55 AM | 38.4 | 47.2 | -8.8 | 7.0 | - | 34.4 | 46.1 | -11.7 |
| 12:55 AM - 01:00 AM | 38.4 | 46.3 | -7.9 | 7.0 | - | 34.4 | 45.5 | -11.1 |
| 01:00 AM - 01:05 AM | 41.3 | 46.4 | -5.1 | 7.0 | - | 37.3 | 45.6 | -8.3 |
| 01:05 AM - 01:10 AM | 39.9 | 46.4 | -6.5 | 7.0 | - | 35.9 | 45.5 | -9.6 |
| 01:10 AM - 01:15 AM | 52.8 | 46.0 | 6.8 | 1.0 | - | 54.8 | 45.2 | 9.6 |
| 01:15 AM - 01:20 AM | 49.0 | 46.8 | 2.2 | 4.5 | - | 47.5 | 44.4 | 3.1 |
| 01:20 AM - 01:25 AM | 38.5 | 46.1 | -7.6 | 7.0 | - | 34.5 | 45.2 | -10.7 |
| 01:25 AM - 01:30 AM | 37.8 | 46.5 | -8.7 | 7.0 | - | 33.8 | 45.3 | -11.5 |
| 01:30 AM - 01:35 AM | 38.8 | 47.4 | -8.6 | 7.0 | - | 34.8 | 46.5 | -11.7 |
| 01:35 AM - 01:40 AM | 37.6 | 47.5 | -9.9 | 7.0 | - | 33.6 | 46.8 | -13.2 |
| 01:40 AM - 01:45 AM | 36.4 | 48.2 | -11.8 | 7.0 | - | 32.4 | 46.7 | -14.3 |
| 01:45 AM - 01:50 AM | 37.7 | 47.2 | -9.5 | 7.0 | - | 33.7 | 46.4 | -12.7 |
| 01:50 AM - 01:55 AM | 38.5 | 47.3 | -8.8 | 7.0 | - | 34.5 | 46.4 | -11.9 |
| 01:55 AM - 02:00 AM | 37.7 | 47.4 | -9.7 | 7.0 | - | 33.7 | 46.4 | -12.7 |
| 02:00 AM - 02:05 AM | 48.1 | 46.5 | 1.6 | 4.5 | - | 46.6 | 45.4 | 1.2 |
| 02:05 AM - 02:10 AM | 38.0 | 47.1 | -9.1 | 7.0 | - | 34.0 | 46.0 | -12.0 |
| 02:10 AM - 02:15 AM | 41.4 | 47.9 | -6.5 | 7.0 | - | 37.4 | 46.3 | -8.9 |
| 02:15 AM - 02:20 AM | 37.8 | 46.3 | -8.5 | 7.0 | - | 33.8 | 45.1 | -11.3 |
| 02:20 AM - 02:25 AM | 37.2 | 45.9 | -8.7 | 7.0 | - | 33.2 | 44.9 | -11.7 |
| 02:25 AM - 02:30 AM | 57.6 | 47.5 | 10.1 | 0.5 | - | 60.1 | 45.5 | 14.6 |
| 02:30 AM - 02:35 AM | 57.5 | 48.5 | 9.0 | 0.5 | - | 60.0 | 45.2 | 14.8 |
| 02:35 AM - 02:40 AM | 56.5 | 47.2 | 9.3 | 0.5 | - | 59.0 | 44.9 | 14.1 |
| 02:40 AM - 02:45 AM | 47.3 | 46.5 | 0.8 | 7.0 | - | 43.3 | 44.6 | -1.3 |
| 02:45 AM - 02:50 AM | 37.9 | 45.5 | -7.6 | 7.0 | - | 33.9 | 44.6 | -10.7 |
| 02:50 AM - 02:55 AM | 38.9 | 45.7 | -6.8 | 7.0 | - | 34.9 | 44.5 | -9.6 |
| 02:55 AM - 03:00 AM | 37.4 | 44.9 | -7.5 | 7.0 | - | 33.4 | 43.5 | -10.1 |
| 03:00 AM - 03:05 AM | 35.9 | 44.7 | -8.8 | 7.0 | - | 31.9 | 43.4 | -11.5 |
| 03:05 AM - 03:10 AM | 36.0 | 45.3 | -9.3 | 7.0 | - | 32.0 | 44.4 | -12.4 |
| 03:10 AM - 03:15 AM | 51.3 | 48.0 | 3.3 | 3.0 | - | 51.3 | 44.4 | 6.9 |
| 03:15 AM - 03:20 AM | 44.9 | 56.8 | -11.9 | 7.0 | - | 40.9 | 43.7 | -2.8 |
| 03:20 AM - 03:25 AM | 36.7 | 45.3 | -8.6 | 7.0 | - | 32.7 | 44.3 | -11.6 |
| 03:25 AM - 03:30 AM | 35.7 | 45.7 | -10.0 | 7.0 | - | 31.7 | 44.8 | -13.1 |
| 03:30 AM - 03:35 AM | 38.6 | 45.4 | -6.8 | 7.0 | - | 34.6 | 44.5 | -9.9 |
| 03:35 AM - 03:40 AM | 47.6 | 45.4 | 2.2 | 4.5 | - | 46.1 | 44.0 | 2.1 |
| 03:40 AM - 03:45 AM | 60.1 | 51.2 | 8.9 | 0.5 | - | 62.6 | 44.7 | 17.9 |
| 03:45 AM - 03:50 AM | 48.0 | 46.2 | 1.8 | 4.5 | - | 46.5 | 44.3 | 2.2 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854792-1



**Sample No.** 23128872-6
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:50 AM - 03:55 AM | 43.1 | 46.1 | -3.0 | 7.0 | - | 39.1 | 44.0 | -4.9 |
| 03:55 AM - 04:00 AM | 39.8 | 43.8 | -4.0 | 7.0 | - | 35.8 | 42.7 | -6.9 |
| 04:00 AM - 04:05 AM | 39.8 | 44.4 | -4.6 | 7.0 | - | 35.8 | 42.4 | -6.6 |
| 04:05 AM - 04:10 AM | 37.1 | 44.8 | -7.7 | 7.0 | - | 33.1 | 43.2 | -10.1 |
| 04:10 AM - 04:15 AM | 37.1 | 43.8 | -6.7 | 7.0 | - | 33.1 | 42.9 | -9.8 |
| 04:15 AM - 04:20 AM | 37.6 | 44.6 | -7.0 | 7.0 | - | 33.6 | 43.2 | -9.6 |
| 04:20 AM - 04:25 AM | 49.7 | 45.0 | 4.7 | 1.5 | - | 51.2 | 43.5 | 7.7 |
| 04:25 AM - 04:30 AM | 50.8 | 58.2 | -7.4 | 7.0 | - | 46.8 | 44.0 | 2.8 |
| 04:30 AM - 04:35 AM | 47.3 | 45.0 | 2.3 | 4.5 | - | 45.8 | 43.8 | 2.0 |
| 04:35 AM - 04:40 AM | 44.6 | 44.9 | -0.3 | 7.0 | - | 40.6 | 43.5 | -2.9 |
| 04:40 AM - 04:45 AM | 46.9 | 44.7 | 2.2 | 4.5 | - | 45.4 | 43.0 | 2.4 |
| 04:45 AM - 04:50 AM | 42.3 | 44.6 | -2.3 | 7.0 | - | 38.3 | 43.1 | -4.8 |
| 04:50 AM - 04:55 AM | 39.4 | 44.0 | -4.6 | 7.0 | - | 35.4 | 42.8 | -7.4 |
| 04:55 AM - 05:00 AM | 48.3 | 45.0 | 3.3 | 3.0 | - | 48.3 | 43.1 | 5.2 |
| 05:00 AM - 05:05 AM | 43.4 | 47.9 | -4.5 | 7.0 | - | 39.4 | 43.9 | -4.5 |
| 05:05 AM - 05:10 AM | 43.6 | 45.8 | -2.2 | 7.0 | - | 39.6 | 44.3 | -4.7 |
| 05:10 AM - 05:15 AM | 50.0 | 46.3 | 3.7 | 2.0 | - | 51.0 | 44.2 | 6.8 |
| 05:15 AM - 05:20 AM | 51.8 | 57.5 | -5.7 | 7.0 | - | 47.8 | 44.5 | 3.3 |
| 05:20 AM - 05:25 AM | 48.4 | 55.8 | -7.4 | 7.0 | - | 44.4 | 44.7 | -0.3 |
| 05:25 AM - 05:30 AM | 45.5 | 47.0 | -1.5 | 7.0 | - | 41.5 | 45.4 | -3.9 |
| 05:30 AM - 05:35 AM | 44.8 | 47.8 | -3.0 | 7.0 | - | 40.8 | 45.5 | -4.7 |
| 05:35 AM - 05:40 AM | 44.8 | 46.3 | -1.5 | 7.0 | - | 40.8 | 45.2 | -4.4 |
| 05:40 AM - 05:45 AM | 47.2 | 46.4 | 0.8 | 7.0 | - | 43.2 | 44.4 | -1.2 |
| 05:45 AM - 05:50 AM | 48.9 | 48.0 | 0.9 | 7.0 | - | 44.9 | 45.3 | -0.4 |
| 05:50 AM - 05:55 AM | 52.5 | 60.0 | -7.5 | 7.0 | - | 48.5 | 45.5 | 3.0 |
| 05:55 AM - 06:00 AM | 49.3 | 57.7 | -8.4 | 7.0 | - | 45.3 | 45.7 | -0.4 |
| 06:00 AM - 07:00 AM | 49.2 | 53.4 | -4.2 | 7.0 | 42.2 | - | 46.3 | -4.1 |
| 07:00 AM - 08:00 AM | 48.7 | 49.2 | -0.5 | 7.0 | 41.7 | - | 46.6 | -4.9 |
| 08:00 AM - 09:00 AM | 44.8 | 45.8 | -1.0 | 7.0 | 37.8 | - | 42.8 | -5.0 |
| 09:00 AM - 10:00 AM | 49.6 | 44.5 | 5.1 | 1.5 | 48.1 | - | 40.2 | 7.9 |
| 10:00 AM - 11:00 AM | 46.6 | 42.7 | 3.9 | 2.0 | 44.6 | - | 38.5 | 6.1 |
| 11:00 AM - 12:00 PM | 49.7 | 44.7 | 5.0 | 1.5 | 48.2 | - | 37.7 | 10.5 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 พฤศจิกายน 2566

ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-6 วันที่ตรวจวัด 28-29 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854793-1



**Sample No.** 23128872-7
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 50.1 | 41.3 | 8.8 | 0.5 | 49.6 | - | 36.3 | 13.3 |
| 01:00 PM - 02:00 PM | 46.4 | 41.1 | 5.3 | 1.5 | 44.9 | - | 36.6 | 8.3 |
| 02:00 PM - 03:00 PM | 48.8 | 43.3 | 5.5 | 1.5 | 47.3 | - | 38.6 | 8.7 |
| 03:00 PM - 04:00 PM | 51.2 | 53.0 | -1.8 | 7.0 | 44.2 | - | 40.0 | 4.2 |
| 04:00 PM - 05:00 PM | 51.3 | 46.6 | 4.7 | 1.5 | 49.8 | - | 43.5 | 6.3 |
| 05:00 PM - 06:00 PM | 49.2 | 49.0 | 0.2 | 7.0 | 42.2 | - | 46.5 | -4.3 |
| 06:00 PM - 07:00 PM | 47.4 | 53.6 | -6.2 | 7.0 | 40.4 | - | 48.5 | -8.1 |
| 07:00 PM - 08:00 PM | 45.5 | 51.8 | -6.3 | 7.0 | 38.5 | - | 49.2 | -10.7 |
| 08:00 PM - 09:00 PM | 45.1 | 49.5 | -4.4 | 7.0 | 38.1 | - | 48.2 | -10.1 |
| 09:00 PM - 10:00 PM | 45.0 | 48.5 | -3.5 | 7.0 | 38.0 | - | 47.0 | -9.0 |
| 10:00 PM - 10:05 PM | 40.4 | 49.3 | -8.9 | 7.0 | - | 36.4 | 46.5 | -10.1 |
| 10:05 PM - 10:10 PM | 41.5 | 49.2 | -7.7 | 7.0 | - | 37.5 | 47.2 | -9.7 |
| 10:10 PM - 10:15 PM | 43.2 | 48.6 | -5.4 | 7.0 | - | 39.2 | 47.5 | -8.3 |
| 10:15 PM - 10:20 PM | 42.7 | 49.8 | -7.1 | 7.0 | - | 38.7 | 47.2 | -8.5 |
| 10:20 PM - 10:25 PM | 53.1 | 49.1 | 4.0 | 2.0 | - | 54.1 | 47.4 | 6.7 |
| 10:25 PM - 10:30 PM | 53.2 | 49.6 | 3.6 | 2.0 | - | 54.2 | 48.3 | 5.9 |
| 10:30 PM - 10:35 PM | 41.2 | 50.9 | -9.7 | 7.0 | - | 37.2 | 47.9 | -10.7 |
| 10:35 PM - 10:40 PM | 68.9 | 48.9 | 20.0 | 0.0 | - | 71.9 | 47.7 | 24.2 |
| 10:40 PM - 10:45 PM | 63.5 | 48.4 | 15.1 | 0.0 | - | 66.5 | 47.4 | 19.1 |
| 10:45 PM - 10:50 PM | 49.5 | 48.2 | 1.3 | 7.0 | - | 45.5 | 47.5 | -2.0 |
| 10:50 PM - 10:55 PM | 48.3 | 48.2 | 0.1 | 7.0 | - | 44.3 | 47.6 | -3.3 |
| 10:55 PM - 11:00 PM | 50.4 | 49.0 | 1.4 | 7.0 | - | 46.4 | 47.4 | -1.0 |
| 11:00 PM - 11:05 PM | 54.0 | 49.3 | 4.7 | 1.5 | - | 55.5 | 47.9 | 7.6 |
| 11:05 PM - 11:10 PM | 45.1 | 48.5 | -3.4 | 7.0 | - | 41.1 | 47.3 | -6.2 |
| 11:10 PM - 11:15 PM | 47.7 | 47.7 | 0.0 | 7.0 | - | 43.7 | 47.0 | -3.3 |
| 11:15 PM - 11:20 PM | 41.0 | 48.6 | -7.6 | 7.0 | - | 37.0 | 46.9 | -9.9 |
| 11:20 PM - 11:25 PM | 39.4 | 48.0 | -8.6 | 7.0 | - | 35.4 | 47.2 | -11.8 |
| 11:25 PM - 11:30 PM | 39.7 | 48.2 | -8.5 | 7.0 | - | 35.7 | 47.2 | -11.5 |
| 11:30 PM - 11:35 PM | 38.0 | 49.8 | -11.8 | 7.0 | - | 34.0 | 47.0 | -13.0 |
| 11:35 PM - 11:40 PM | 40.0 | 54.7 | -14.7 | 7.0 | - | 36.0 | 46.8 | -10.8 |
| 11:40 PM - 11:45 PM | 36.0 | 48.2 | -12.2 | 7.0 | - | 32.0 | 46.5 | -14.5 |
| 11:45 PM - 11:50 PM | 35.9 | 48.6 | -12.7 | 7.0 | - | 31.9 | 46.7 | -14.8 |
| 11:50 PM - 11:55 PM | 37.1 | 46.7 | -9.6 | 7.0 | - | 33.1 | 45.7 | -12.6 |
| 11:55 PM - 12:00 AM | 39.4 | 47.1 | -7.7 | 7.0 | - | 35.4 | 46.0 | -10.6 |
| 12:00 AM - 12:05 AM | 35.9 | 46.8 | -10.9 | 7.0 | - | 31.9 | 45.5 | -13.6 |
| 12:05 AM - 12:10 AM | 36.0 | 46.1 | -10.1 | 7.0 | - | 32.0 | 45.4 | -13.4 |
| 12:10 AM - 12:15 AM | 45.0 | 47.7 | -2.7 | 7.0 | - | 41.0 | 45.8 | -4.8 |
| 12:15 AM - 12:20 AM | 35.8 | 48.9 | -13.1 | 7.0 | - | 31.8 | 46.0 | -14.2 |
| 12:20 AM - 12:25 AM | 37.5 | 47.8 | -10.3 | 7.0 | - | 33.5 | 46.0 | -12.5 |
| 12:25 AM - 12:30 AM | 36.0 | 46.9 | -10.9 | 7.0 | - | 32.0 | 45.9 | -13.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854793-1



**Sample No.** 23128872-7
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:30 AM - 12:35 AM | 35.3 | 49.6 | -14.3 | 7.0 | - | 31.3 | 46.1 | -14.8 |
| 12:35 AM - 12:40 AM | 38.7 | 49.0 | -10.3 | 7.0 | - | 34.7 | 46.4 | -11.7 |
| 12:40 AM - 12:45 AM | 36.3 | 47.2 | -10.9 | 7.0 | - | 32.3 | 45.7 | -13.4 |
| 12:45 AM - 12:50 AM | 35.9 | 47.8 | -11.9 | 7.0 | - | 31.9 | 46.2 | -14.3 |
| 12:50 AM - 12:55 AM | 36.0 | 46.8 | -10.8 | 7.0 | - | 32.0 | 46.0 | -14.0 |
| 12:55 AM - 01:00 AM | 36.8 | 48.7 | -11.9 | 7.0 | - | 32.8 | 47.0 | -14.2 |
| 01:00 AM - 01:05 AM | 35.6 | 47.5 | -11.9 | 7.0 | - | 31.6 | 46.6 | -15.0 |
| 01:05 AM - 01:10 AM | 36.8 | 47.6 | -10.8 | 7.0 | - | 32.8 | 46.6 | -13.8 |
| 01:10 AM - 01:15 AM | 35.4 | 47.5 | -12.1 | 7.0 | - | 31.4 | 46.8 | -15.4 |
| 01:15 AM - 01:20 AM | 35.7 | 47.1 | -11.4 | 7.0 | - | 31.7 | 46.2 | -14.5 |
| 01:20 AM - 01:25 AM | 37.8 | 48.2 | -10.4 | 7.0 | - | 33.8 | 46.1 | -12.3 |
| 01:25 AM - 01:30 AM | 38.5 | 47.2 | -8.7 | 7.0 | - | 34.5 | 46.5 | -12.0 |
| 01:30 AM - 01:35 AM | 36.0 | 46.9 | -10.9 | 7.0 | - | 32.0 | 46.1 | -14.1 |
| 01:35 AM - 01:40 AM | 36.3 | 56.3 | -20.0 | 7.0 | - | 32.3 | 46.0 | -13.7 |
| 01:40 AM - 01:45 AM | 37.4 | 53.9 | -16.5 | 7.0 | - | 33.4 | 46.0 | -12.6 |
| 01:45 AM - 01:50 AM | 36.7 | 46.8 | -10.1 | 7.0 | - | 32.7 | 46.0 | -13.3 |
| 01:50 AM - 01:55 AM | 37.8 | 46.9 | -9.1 | 7.0 | - | 33.8 | 46.2 | -12.4 |
| 01:55 AM - 02:00 AM | 36.0 | 47.2 | -11.2 | 7.0 | - | 32.0 | 46.3 | -14.3 |
| 02:00 AM - 02:05 AM | 34.6 | 47.0 | -12.4 | 7.0 | - | 30.6 | 46.2 | -15.6 |
| 02:05 AM - 02:10 AM | 40.9 | 47.2 | -6.3 | 7.0 | - | 36.9 | 46.3 | -9.4 |
| 02:10 AM - 02:15 AM | 36.6 | 47.3 | -10.7 | 7.0 | - | 32.6 | 46.0 | -13.4 |
| 02:15 AM - 02:20 AM | 35.0 | 46.5 | -11.5 | 7.0 | - | 31.0 | 45.5 | -14.5 |
| 02:20 AM - 02:25 AM | 48.1 | 46.2 | 1.9 | 4.5 | - | 46.6 | 45.0 | 1.6 |
| 02:25 AM - 02:30 AM | 35.2 | 46.3 | -11.1 | 7.0 | - | 31.2 | 45.3 | -14.1 |
| 02:30 AM - 02:35 AM | 42.3 | 46.3 | -4.0 | 7.0 | - | 38.3 | 45.5 | -7.2 |
| 02:35 AM - 02:40 AM | 35.4 | 46.7 | -11.3 | 7.0 | - | 31.4 | 45.6 | -14.2 |
| 02:40 AM - 02:45 AM | 35.8 | 47.0 | -11.2 | 7.0 | - | 31.8 | 45.7 | -13.9 |
| 02:45 AM - 02:50 AM | 38.5 | 48.7 | -10.2 | 7.0 | - | 34.5 | 46.6 | -12.1 |
| 02:50 AM - 02:55 AM | 37.2 | 47.9 | -10.7 | 7.0 | - | 33.2 | 46.6 | -13.4 |
| 02:55 AM - 03:00 AM | 38.5 | 46.7 | -8.2 | 7.0 | - | 34.5 | 45.3 | -10.8 |
| 03:00 AM - 03:05 AM | 38.0 | 46.9 | -8.9 | 7.0 | - | 34.0 | 45.1 | -11.1 |
| 03:05 AM - 03:10 AM | 37.9 | 47.9 | -10.0 | 7.0 | - | 33.9 | 46.4 | -12.5 |
| 03:10 AM - 03:15 AM | 44.3 | 47.9 | -3.6 | 7.0 | - | 40.3 | 46.9 | -6.6 |
| 03:15 AM - 03:20 AM | 46.1 | 48.3 | -2.2 | 7.0 | - | 42.1 | 47.3 | -5.2 |
| 03:20 AM - 03:25 AM | 37.9 | 48.0 | -10.1 | 7.0 | - | 33.9 | 47.2 | -13.3 |
| 03:25 AM - 03:30 AM | 37.7 | 48.3 | -10.6 | 7.0 | - | 33.7 | 47.4 | -13.7 |
| 03:30 AM - 03:35 AM | 37.9 | 48.8 | -10.9 | 7.0 | - | 33.9 | 47.5 | -13.6 |
| 03:35 AM - 03:40 AM | 42.0 | 47.6 | -5.6 | 7.0 | - | 38.0 | 46.6 | -8.6 |
| 03:40 AM - 03:45 AM | 58.4 | 48.1 | 10.3 | 0.5 | - | 60.9 | 46.4 | 14.5 |
| 03:45 AM - 03:50 AM | 41.8 | 48.0 | -6.2 | 7.0 | - | 37.8 | 46.9 | -9.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854793-1



**Sample No.** 23128872-7
**Parameter** เสียงรบกวน
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751434, 1421959)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920833

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:50 AM - 03:55 AM | 37.5 | 57.4 | -19.9 | 7.0 | - | 33.5 | 46.7 | -13.2 |
| 03:55 AM - 04:00 AM | 43.2 | 48.4 | -5.2 | 7.0 | - | 39.2 | 46.6 | -7.4 |
| 04:00 AM - 04:05 AM | 54.0 | 49.0 | 5.0 | 1.5 | - | 55.5 | 47.9 | 7.6 |
| 04:05 AM - 04:10 AM | 43.5 | 48.4 | -4.9 | 7.0 | - | 39.5 | 47.4 | -7.9 |
| 04:10 AM - 04:15 AM | 39.1 | 48.5 | -9.4 | 7.0 | - | 35.1 | 47.5 | -12.4 |
| 04:15 AM - 04:20 AM | 44.2 | 53.1 | -8.9 | 7.0 | - | 40.2 | 47.1 | -6.9 |
| 04:20 AM - 04:25 AM | 48.9 | 48.0 | 0.9 | 7.0 | - | 44.9 | 47.0 | -2.1 |
| 04:25 AM - 04:30 AM | 44.6 | 48.5 | -3.9 | 7.0 | - | 40.6 | 47.1 | -6.5 |
| 04:30 AM - 04:35 AM | 42.6 | 49.3 | -6.7 | 7.0 | - | 38.6 | 47.1 | -8.5 |
| 04:35 AM - 04:40 AM | 47.1 | 47.5 | -0.4 | 7.0 | - | 43.1 | 46.0 | -2.9 |
| 04:40 AM - 04:45 AM | 52.0 | 46.8 | 5.2 | 1.5 | - | 53.5 | 45.6 | 7.9 |
| 04:45 AM - 04:50 AM | 47.7 | 47.0 | 0.7 | 7.0 | - | 43.7 | 45.5 | -1.8 |
| 04:50 AM - 04:55 AM | 45.4 | 55.8 | -10.4 | 7.0 | - | 41.4 | 46.4 | -5.0 |
| 04:55 AM - 05:00 AM | 43.4 | 55.9 | -12.5 | 7.0 | - | 39.4 | 47.2 | -7.8 |
| 05:00 AM - 05:05 AM | 49.3 | 48.7 | 0.6 | 7.0 | - | 45.3 | 47.2 | -1.9 |
| 05:05 AM - 05:10 AM | 51.4 | 48.5 | 2.9 | 3.0 | - | 51.4 | 46.8 | 4.6 |
| 05:10 AM - 05:15 AM | 50.4 | 48.0 | 2.4 | 4.5 | - | 48.9 | 46.4 | 2.5 |
| 05:15 AM - 05:20 AM | 45.7 | 48.4 | -2.7 | 7.0 | - | 41.7 | 46.2 | -4.5 |
| 05:20 AM - 05:25 AM | 40.9 | 48.6 | -7.7 | 7.0 | - | 36.9 | 46.3 | -9.4 |
| 05:25 AM - 05:30 AM | 41.0 | 59.1 | -18.1 | 7.0 | - | 37.0 | 46.6 | -9.6 |
| 05:30 AM - 05:35 AM | 42.6 | 48.2 | -5.6 | 7.0 | - | 38.6 | 46.7 | -8.1 |
| 05:35 AM - 05:40 AM | 49.9 | 48.4 | 1.5 | 4.5 | - | 48.4 | 46.7 | 1.7 |
| 05:40 AM - 05:45 AM | 53.3 | 51.3 | 2.0 | 4.5 | - | 51.8 | 47.8 | 4.0 |
| 05:45 AM - 05:50 AM | 49.9 | 52.7 | -2.8 | 7.0 | - | 45.9 | 48.6 | -2.7 |
| 05:50 AM - 05:55 AM | 52.0 | 59.7 | -7.7 | 7.0 | - | 48.0 | 48.7 | -0.7 |
| 05:55 AM - 06:00 AM | 50.9 | 59.0 | -8.1 | 7.0 | - | 46.9 | 49.8 | -2.9 |
| 06:00 AM - 07:00 AM | 53.2 | 54.4 | -1.2 | 7.0 | 46.2 | - | 47.3 | -1.1 |
| 07:00 AM - 08:00 AM | 53.2 | 46.4 | 6.8 | 1.0 | 52.2 | - | 42.9 | 9.3 |
| 08:00 AM - 09:00 AM | 51.2 | 50.9 | 0.3 | 7.0 | 44.2 | - | 41.3 | 2.9 |
| 09:00 AM - 10:00 AM | 52.8 | 44.5 | 8.3 | 0.5 | 52.3 | - | 40.5 | 11.8 |
| 10:00 AM - 11:00 AM | 50.9 | 49.4 | 1.5 | 4.5 | 46.4 | - | 39.4 | 7.0 |
| 10:00 AM - 11:00 AM | 49.0 | 49.4 | -0.4 | 7.0 | 42.0 | - | 39.4 | 2.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-7 วันที่ตรวจวัด 29-30 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854794-1



**Sample No.** 23128872-8
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 54.3 | 55.9 | -1.6 | 7.0 | 47.3 | - | 45.2 | 2.1 |
| 12:00 PM - 01:00 PM | 55.7 | 53.7 | 2.0 | 4.5 | 51.2 | - | 43.0 | 8.2 |
| 01:00 PM - 02:00 PM | 53.4 | 54.9 | -1.5 | 7.0 | 46.4 | - | 43.7 | 2.7 |
| 02:00 PM - 03:00 PM | 55.1 | 57.9 | -2.8 | 7.0 | 48.1 | - | 45.3 | 2.8 |
| 03:00 PM - 04:00 PM | 55.7 | 57.2 | -1.5 | 7.0 | 48.7 | - | 45.2 | 3.5 |
| 04:00 PM - 05:00 PM | 56.9 | 57.3 | -0.4 | 7.0 | 49.9 | - | 45.9 | 4.0 |
| 05:00 PM - 06:00 PM | 55.2 | 55.9 | -0.7 | 7.0 | 48.2 | - | 47.7 | 0.5 |
| 06:00 PM - 07:00 PM | 53.8 | 55.1 | -1.3 | 7.0 | 46.8 | - | 47.5 | -0.7 |
| 07:00 PM - 08:00 PM | 50.8 | 52.5 | -1.7 | 7.0 | 43.8 | - | 46.1 | -2.3 |
| 08:00 PM - 09:00 PM | 48.0 | 49.4 | -1.4 | 7.0 | 41.0 | - | 45.0 | -4.0 |
| 09:00 PM - 10:00 PM | 47.2 | 47.9 | -0.7 | 7.0 | 40.2 | - | 44.1 | -3.9 |
| 10:00 PM - 10:05 PM | 45.9 | 44.9 | 1.0 | 7.0 | - | 41.9 | 43.4 | -1.5 |
| 10:05 PM - 10:10 PM | 45.9 | 46.3 | -0.4 | 7.0 | - | 41.9 | 43.8 | -1.9 |
| 10:10 PM - 10:15 PM | 44.5 | 46.3 | -1.8 | 7.0 | - | 40.5 | 43.5 | -3.0 |
| 10:15 PM - 10:20 PM | 44.9 | 47.8 | -2.9 | 7.0 | - | 40.9 | 43.4 | -2.5 |
| 10:20 PM - 10:25 PM | 46.9 | 44.5 | 2.4 | 4.5 | - | 45.4 | 43.4 | 2.0 |
| 10:25 PM - 10:30 PM | 44.4 | 44.6 | -0.2 | 7.0 | - | 40.4 | 42.6 | -2.2 |
| 10:30 PM - 10:35 PM | 46.2 | 43.5 | 2.7 | 3.0 | - | 46.2 | 42.8 | 3.4 |
| 10:35 PM - 10:40 PM | 44.1 | 44.8 | -0.7 | 7.0 | - | 40.1 | 42.9 | -2.8 |
| 10:40 PM - 10:45 PM | 43.5 | 43.8 | -0.3 | 7.0 | - | 39.5 | 42.7 | -3.2 |
| 10:45 PM - 10:50 PM | 43.8 | 46.7 | -2.9 | 7.0 | - | 39.8 | 42.6 | -2.8 |
| 10:50 PM - 10:55 PM | 43.6 | 51.9 | -8.3 | 7.0 | - | 39.6 | 42.1 | -2.5 |
| 10:55 PM - 11:00 PM | 44.9 | 46.5 | -1.6 | 7.0 | - | 40.9 | 41.9 | -1.0 |
| 11:00 PM - 11:05 PM | 44.8 | 47.9 | -3.1 | 7.0 | - | 40.8 | 42.8 | -2.0 |
| 11:05 PM - 11:10 PM | 49.8 | 45.9 | 3.9 | 2.0 | - | 50.8 | 42.1 | 8.7 |
| 11:10 PM - 11:15 PM | 45.3 | 42.4 | 2.9 | 3.0 | - | 45.3 | 41.2 | 4.1 |
| 11:15 PM - 11:20 PM | 47.5 | 47.7 | -0.2 | 7.0 | - | 43.5 | 41.9 | 1.6 |
| 11:20 PM - 11:25 PM | 43.9 | 45.2 | -1.3 | 7.0 | - | 39.9 | 41.2 | -1.3 |
| 11:25 PM - 11:30 PM | 43.8 | 42.6 | 1.2 | 7.0 | - | 39.8 | 41.4 | -1.6 |
| 11:30 PM - 11:35 PM | 47.1 | 44.6 | 2.5 | 3.0 | - | 47.1 | 41.7 | 5.4 |
| 11:35 PM - 11:40 PM | 45.0 | 44.9 | 0.1 | 7.0 | - | 41.0 | 41.4 | -0.4 |
| 11:40 PM - 11:45 PM | 44.4 | 44.4 | 0.0 | 7.0 | - | 40.4 | 41.2 | -0.8 |
| 11:45 PM - 11:50 PM | 44.1 | 42.8 | 1.3 | 7.0 | - | 40.1 | 41.6 | -1.5 |
| 11:50 PM - 11:55 PM | 44.6 | 42.2 | 2.4 | 4.5 | - | 43.1 | 41.3 | 1.8 |
| 11:55 PM - 12:00 AM | 44.5 | 44.3 | 0.2 | 7.0 | - | 40.5 | 41.5 | -1.0 |
| 12:00 AM - 12:05 AM | 43.9 | 41.9 | 2.0 | 4.5 | - | 42.4 | 41.0 | 1.4 |
| 12:05 AM - 12:10 AM | 44.0 | 42.8 | 1.2 | 7.0 | - | 40.0 | 41.3 | -1.3 |
| 12:10 AM - 12:15 AM | 44.5 | 45.0 | -0.5 | 7.0 | - | 40.5 | 41.7 | -1.2 |
| 12:15 AM - 12:20 AM | 43.9 | 46.3 | -2.4 | 7.0 | - | 39.9 | 41.8 | -1.9 |
| 12:20 AM - 12:25 AM | 44.3 | 42.9 | 1.4 | 7.0 | - | 40.3 | 41.1 | -0.8 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854794-1



**Sample No.** 23128872-8
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:25 AM - 12:30 AM | 45.0 | 45.4 | -0.4 | 7.0 | - | 41.0 | 41.5 | -0.5 |
| 12:30 AM - 12:35 AM | 45.7 | 43.8 | 1.9 | 4.5 | - | 44.2 | 41.4 | 2.8 |
| 12:35 AM - 12:40 AM | 44.1 | 53.7 | -9.6 | 7.0 | - | 40.1 | 41.4 | -1.3 |
| 12:40 AM - 12:45 AM | 45.1 | 43.7 | 1.4 | 7.0 | - | 41.1 | 40.3 | 0.8 |
| 12:45 AM - 12:50 AM | 43.5 | 43.8 | -0.3 | 7.0 | - | 39.5 | 40.4 | -0.9 |
| 12:50 AM - 12:55 AM | 51.7 | 41.8 | 9.9 | 0.5 | - | 54.2 | 40.3 | 13.9 |
| 12:55 AM - 01:00 AM | 43.7 | 42.3 | 1.4 | 7.0 | - | 39.7 | 40.5 | -0.8 |
| 01:00 AM - 01:05 AM | 43.7 | 42.4 | 1.3 | 7.0 | - | 39.7 | 40.2 | -0.5 |
| 01:05 AM - 01:10 AM | 43.2 | 45.5 | -2.3 | 7.0 | - | 39.2 | 41.1 | -1.9 |
| 01:10 AM - 01:15 AM | 43.1 | 42.1 | 1.0 | 7.0 | - | 39.1 | 40.4 | -1.3 |
| 01:15 AM - 01:20 AM | 44.3 | 43.2 | 1.1 | 7.0 | - | 40.3 | 40.6 | -0.3 |
| 01:20 AM - 01:25 AM | 44.0 | 41.5 | 2.5 | 3.0 | - | 44.0 | 40.6 | 3.4 |
| 01:25 AM - 01:30 AM | 43.5 | 47.2 | -3.7 | 7.0 | - | 39.5 | 40.7 | -1.2 |
| 01:30 AM - 01:35 AM | 43.7 | 43.6 | 0.1 | 7.0 | - | 39.7 | 40.8 | -1.1 |
| 01:35 AM - 01:40 AM | 49.7 | 42.1 | 7.6 | 0.5 | - | 52.2 | 40.6 | 11.6 |
| 01:40 AM - 01:45 AM | 48.5 | 43.0 | 5.5 | 1.5 | - | 50.0 | 40.4 | 9.6 |
| 01:45 AM - 01:50 AM | 44.2 | 43.9 | 0.3 | 7.0 | - | 40.2 | 40.9 | -0.7 |
| 01:50 AM - 01:55 AM | 43.5 | 49.3 | -5.8 | 7.0 | - | 39.5 | 41.0 | -1.5 |
| 01:55 AM - 02:00 AM | 44.8 | 46.3 | -1.5 | 7.0 | - | 40.8 | 40.6 | 0.2 |
| 02:00 AM - 02:05 AM | 47.5 | 40.9 | 6.6 | 1.0 | - | 49.5 | 40.1 | 9.4 |
| 02:05 AM - 02:10 AM | 44.2 | 41.0 | 3.2 | 3.0 | - | 44.2 | 40.3 | 3.9 |
| 02:10 AM - 02:15 AM | 45.0 | 46.7 | -1.7 | 7.0 | - | 41.0 | 40.0 | 1.0 |
| 02:15 AM - 02:20 AM | 42.6 | 41.1 | 1.5 | 4.5 | - | 41.1 | 39.8 | 1.3 |
| 02:20 AM - 02:25 AM | 49.8 | 43.6 | 6.2 | 1.5 | - | 51.3 | 40.4 | 10.9 |
| 02:25 AM - 02:30 AM | 47.0 | 42.6 | 4.4 | 2.0 | - | 48.0 | 40.7 | 7.3 |
| 02:30 AM - 02:35 AM | 43.9 | 43.4 | 0.5 | 7.0 | - | 39.9 | 41.2 | -1.3 |
| 02:35 AM - 02:40 AM | 44.2 | 44.0 | 0.2 | 7.0 | - | 40.2 | 43.1 | -2.9 |
| 02:40 AM - 02:45 AM | 44.2 | 43.9 | 0.3 | 7.0 | - | 40.2 | 42.7 | -2.5 |
| 02:45 AM - 02:50 AM | 45.2 | 44.9 | 0.3 | 7.0 | - | 41.2 | 42.3 | -1.1 |
| 02:50 AM - 02:55 AM | 45.4 | 44.1 | 1.3 | 7.0 | - | 41.4 | 41.7 | -0.3 |
| 02:55 AM - 03:00 AM | 45.5 | 42.5 | 3.0 | 3.0 | - | 45.5 | 42.0 | 3.5 |
| 03:00 AM - 03:05 AM | 49.0 | 44.0 | 5.0 | 1.5 | - | 50.5 | 41.8 | 8.7 |
| 03:05 AM - 03:10 AM | 45.2 | 42.2 | 3.0 | 3.0 | - | 45.2 | 41.3 | 3.9 |
| 03:10 AM - 03:15 AM | 44.5 | 43.7 | 0.8 | 7.0 | - | 40.5 | 41.9 | -1.4 |
| 03:15 AM - 03:20 AM | 44.8 | 43.6 | 1.2 | 7.0 | - | 40.8 | 42.0 | -1.2 |
| 03:20 AM - 03:25 AM | 44.5 | 43.5 | 1.0 | 7.0 | - | 40.5 | 42.0 | -1.5 |
| 03:25 AM - 03:30 AM | 45.1 | 42.4 | 2.7 | 3.0 | - | 45.1 | 41.9 | 3.2 |
| 03:30 AM - 03:35 AM | 44.4 | 42.1 | 2.3 | 4.5 | - | 42.9 | 41.4 | 1.5 |
| 03:35 AM - 03:40 AM | 45.0 | 42.9 | 2.1 | 4.5 | - | 43.5 | 41.6 | 1.9 |
| 03:40 AM - 03:45 AM | 44.7 | 47.7 | -3.0 | 7.0 | - | 40.7 | 41.9 | -1.2 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854794-1



**Sample No.** 23128872-8
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:45 AM - 03:50 AM | 44.2 | 47.5 | -3.3 | 7.0 | - | 40.2 | 41.7 | -1.5 |
| 03:50 AM - 03:55 AM | 44.8 | 42.9 | 1.9 | 4.5 | - | 43.3 | 41.7 | 1.6 |
| 03:55 AM - 04:00 AM | 53.4 | 43.5 | 9.9 | 0.5 | - | 55.9 | 41.8 | 14.1 |
| 04:00 AM - 04:05 AM | 47.5 | 45.2 | 2.3 | 4.5 | - | 46.0 | 42.2 | 3.8 |
| 04:05 AM - 04:10 AM | 44.7 | 51.2 | -6.5 | 7.0 | - | 40.7 | 42.4 | -1.7 |
| 04:10 AM - 04:15 AM | 45.1 | 43.0 | 2.1 | 4.5 | - | 43.6 | 42.0 | 1.6 |
| 04:15 AM - 04:20 AM | 49.9 | 45.1 | 4.8 | 1.5 | - | 51.4 | 42.4 | 9.0 |
| 04:20 AM - 04:25 AM | 49.8 | 44.7 | 5.1 | 1.5 | - | 51.3 | 42.4 | 8.9 |
| 04:25 AM - 04:30 AM | 44.5 | 44.9 | -0.4 | 7.0 | - | 40.5 | 42.2 | -1.7 |
| 04:30 AM - 04:35 AM | 44.8 | 46.0 | -1.2 | 7.0 | - | 40.8 | 42.0 | -1.2 |
| 04:35 AM - 04:40 AM | 44.5 | 49.1 | -4.6 | 7.0 | - | 40.5 | 42.7 | -2.2 |
| 04:40 AM - 04:45 AM | 45.3 | 44.7 | 0.6 | 7.0 | - | 41.3 | 42.8 | -1.5 |
| 04:45 AM - 04:50 AM | 53.1 | 49.2 | 3.9 | 2.0 | - | 54.1 | 43.4 | 10.7 |
| 04:50 AM - 04:55 AM | 51.6 | 48.9 | 2.7 | 3.0 | - | 51.6 | 43.5 | 8.1 |
| 04:55 AM - 05:00 AM | 48.3 | 48.9 | -0.6 | 7.0 | - | 44.3 | 43.4 | 0.9 |
| 05:00 AM - 05:05 AM | 53.2 | 50.3 | 2.9 | 3.0 | - | 53.2 | 43.1 | 10.1 |
| 05:05 AM - 05:10 AM | 51.4 | 48.9 | 2.5 | 3.0 | - | 51.4 | 43.4 | 8.0 |
| 05:10 AM - 05:15 AM | 53.9 | 48.0 | 5.9 | 1.5 | - | 55.4 | 43.6 | 11.8 |
| 05:15 AM - 05:20 AM | 53.3 | 48.5 | 4.8 | 1.5 | - | 54.8 | 43.5 | 11.3 |
| 05:20 AM - 05:25 AM | 52.9 | 48.9 | 4.0 | 2.0 | - | 53.9 | 43.9 | 10.0 |
| 05:25 AM - 05:30 AM | 49.1 | 49.3 | -0.2 | 7.0 | - | 45.1 | 44.4 | 0.7 |
| 05:30 AM - 05:35 AM | 54.3 | 52.7 | 1.6 | 4.5 | - | 52.8 | 44.6 | 8.2 |
| 05:35 AM - 05:40 AM | 54.3 | 59.0 | -4.7 | 7.0 | - | 50.3 | 44.9 | 5.4 |
| 05:40 AM - 05:45 AM | 52.1 | 54.0 | -1.9 | 7.0 | - | 48.1 | 45.8 | 2.3 |
| 05:45 AM - 05:50 AM | 58.0 | 53.5 | 4.5 | 1.5 | - | 59.5 | 45.8 | 13.7 |
| 05:50 AM - 05:55 AM | 60.0 | 54.0 | 6.0 | 1.5 | - | 61.5 | 46.8 | 14.7 |
| 05:55 AM - 06:00 AM | 58.4 | 52.6 | 5.8 | 1.5 | - | 59.9 | 46.0 | 13.9 |
| 06:00 AM - 07:00 AM | 55.1 | 52.7 | 2.4 | 4.5 | 50.6 | - | 44.3 | 6.3 |
| 07:00 AM - 08:00 AM | 52.3 | 53.9 | -1.6 | 7.0 | 45.3 | - | 46.3 | -1.0 |
| 08:00 AM - 09:00 AM | 55.4 | 56.6 | -1.2 | 7.0 | 48.4 | - | 45.1 | 3.3 |
| 09:00 AM - 10:00 AM | 57.5 | 60.0 | -2.5 | 7.0 | 50.5 | - | 47.5 | 3.0 |
| 10:00 AM - 11:00 AM | 57.0 | 58.8 | -1.8 | 7.0 | 50.0 | - | 45.3 | 4.7 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-8 วันที่ตรวจวัด 23-24 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854795-1



**Sample No.** 23128872-9
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 55.8 | 57.9 | -2.1 | 7.0 | 48.8 | - | 46.4 | 2.4 |
| 12:00 PM - 01:00 PM | 54.7 | 56.9 | -2.2 | 7.0 | 47.7 | - | 47.8 | -0.1 |
| 01:00 PM - 02:00 PM | 56.7 | 58.7 | -2.0 | 7.0 | 49.7 | - | 46.2 | 3.5 |
| 02:00 PM - 03:00 PM | 56.3 | 58.1 | -1.8 | 7.0 | 49.3 | - | 46.4 | 2.9 |
| 03:00 PM - 04:00 PM | 56.2 | 57.4 | -1.2 | 7.0 | 49.2 | - | 46.8 | 2.4 |
| 04:00 PM - 05:00 PM | 55.7 | 54.1 | 1.6 | 4.5 | 51.2 | - | 47.4 | 3.8 |
| 05:00 PM - 06:00 PM | 52.8 | 54.6 | -1.8 | 7.0 | 45.8 | - | 48.0 | -2.2 |
| 06:00 PM - 07:00 PM | 52.7 | 52.1 | 0.6 | 7.0 | 45.7 | - | 46.8 | -1.1 |
| 07:00 PM - 08:00 PM | 49.0 | 49.3 | -0.3 | 7.0 | 42.0 | - | 44.8 | -2.8 |
| 08:00 PM - 09:00 PM | 48.7 | 50.3 | -1.6 | 7.0 | 41.7 | - | 43.8 | -2.1 |
| 09:00 PM - 10:00 PM | 48.0 | 49.7 | -1.7 | 7.0 | 41.0 | - | 43.6 | -2.6 |
| 10:00 PM - 10:05 PM | 47.9 | 44.1 | 3.8 | 2.0 | - | 48.9 | 43.2 | 5.7 |
| 10:05 PM - 10:10 PM | 44.7 | 46.8 | -2.1 | 7.0 | - | 40.7 | 42.9 | -2.2 |
| 10:10 PM - 10:15 PM | 52.1 | 49.0 | 3.1 | 3.0 | - | 52.1 | 43.2 | 8.9 |
| 10:15 PM - 10:20 PM | 45.3 | 44.9 | 0.4 | 7.0 | - | 41.3 | 43.1 | -1.8 |
| 10:20 PM - 10:25 PM | 46.2 | 52.7 | -6.5 | 7.0 | - | 42.2 | 44.0 | -1.8 |
| 10:25 PM - 10:30 PM | 44.4 | 45.9 | -1.5 | 7.0 | - | 40.4 | 42.8 | -2.4 |
| 10:30 PM - 10:35 PM | 47.6 | 48.9 | -1.3 | 7.0 | - | 43.6 | 42.8 | 0.8 |
| 10:35 PM - 10:40 PM | 50.1 | 46.8 | 3.3 | 3.0 | - | 50.1 | 43.1 | 7.0 |
| 10:40 PM - 10:45 PM | 48.4 | 46.6 | 1.8 | 4.5 | - | 46.9 | 43.1 | 3.8 |
| 10:45 PM - 10:50 PM | 44.9 | 44.2 | 0.7 | 7.0 | - | 40.9 | 43.3 | -2.4 |
| 10:50 PM - 10:55 PM | 48.1 | 45.4 | 2.7 | 3.0 | - | 48.1 | 42.8 | 5.3 |
| 10:55 PM - 11:00 PM | 46.0 | 43.9 | 2.1 | 4.5 | - | 44.5 | 42.6 | 1.9 |
| 11:00 PM - 11:05 PM | 45.6 | 46.7 | -1.1 | 7.0 | - | 41.6 | 43.3 | -1.7 |
| 11:05 PM - 11:10 PM | 44.4 | 44.2 | 0.2 | 7.0 | - | 40.4 | 42.8 | -2.4 |
| 11:10 PM - 11:15 PM | 44.9 | 44.0 | 0.9 | 7.0 | - | 40.9 | 43.1 | -2.2 |
| 11:15 PM - 11:20 PM | 45.9 | 45.3 | 0.6 | 7.0 | - | 41.9 | 43.2 | -1.3 |
| 11:20 PM - 11:25 PM | 44.7 | 45.7 | -1.0 | 7.0 | - | 40.7 | 42.6 | -1.9 |
| 11:25 PM - 11:30 PM | 44.2 | 44.3 | -0.1 | 7.0 | - | 40.2 | 42.4 | -2.2 |
| 11:30 PM - 11:35 PM | 43.7 | 44.4 | -0.7 | 7.0 | - | 39.7 | 40.3 | -0.6 |
| 11:35 PM - 11:40 PM | 44.9 | 46.7 | -1.8 | 7.0 | - | 40.9 | 41.0 | -0.1 |
| 11:40 PM - 11:45 PM | 45.2 | 47.7 | -2.5 | 7.0 | - | 41.2 | 42.4 | -1.2 |
| 11:45 PM - 11:50 PM | 44.8 | 43.5 | 1.3 | 7.0 | - | 40.8 | 41.6 | -0.8 |
| 11:50 PM - 11:55 PM | 43.3 | 45.8 | -2.5 | 7.0 | - | 39.3 | 41.8 | -2.5 |
| 11:55 PM - 12:00 AM | 46.9 | 45.6 | 1.3 | 7.0 | - | 42.9 | 42.0 | 0.9 |
| 12:00 AM - 12:05 AM | 43.8 | 42.6 | 1.2 | 7.0 | - | 39.8 | 41.7 | -1.9 |
| 12:05 AM - 12:10 AM | 43.5 | 44.4 | -0.9 | 7.0 | - | 39.5 | 41.2 | -1.7 |
| 12:10 AM - 12:15 AM | 44.7 | 44.7 | 0.0 | 7.0 | - | 40.7 | 41.3 | -0.6 |
| 12:15 AM - 12:20 AM | 43.6 | 42.9 | 0.7 | 7.0 | - | 39.6 | 41.5 | -1.9 |
| 12:20 AM - 12:25 AM | 42.2 | 43.4 | -1.2 | 7.0 | - | 38.2 | 41.7 | -3.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854795-1



**Sample No.** 23128872-9
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:25 AM - 12:30 AM | 44.8 | 42.4 | 2.4 | 4.5 | - | 43.3 | 41.6 | 1.7 |
| 12:30 AM - 12:35 AM | 42.8 | 41.6 | 1.2 | 7.0 | - | 38.8 | 40.6 | -1.8 |
| 12:35 AM - 12:40 AM | 42.0 | 45.9 | -3.9 | 7.0 | - | 38.0 | 40.7 | -2.7 |
| 12:40 AM - 12:45 AM | 42.5 | 41.8 | 0.7 | 7.0 | - | 38.5 | 40.8 | -2.3 |
| 12:45 AM - 12:50 AM | 41.8 | 50.9 | -9.1 | 7.0 | - | 37.8 | 41.0 | -3.2 |
| 12:50 AM - 12:55 AM | 44.8 | 46.9 | -2.1 | 7.0 | - | 40.8 | 40.4 | 0.4 |
| 12:55 AM - 01:00 AM | 41.6 | 47.2 | -5.6 | 7.0 | - | 37.6 | 40.6 | -3.0 |
| 01:00 AM - 01:05 AM | 42.2 | 45.6 | -3.4 | 7.0 | - | 38.2 | 41.9 | -3.7 |
| 01:05 AM - 01:10 AM | 50.3 | 44.0 | 6.3 | 1.5 | - | 51.8 | 41.6 | 10.2 |
| 01:10 AM - 01:15 AM | 50.3 | 43.0 | 7.3 | 1.0 | - | 52.3 | 41.9 | 10.4 |
| 01:15 AM - 01:20 AM | 44.7 | 45.8 | -1.1 | 7.0 | - | 40.7 | 41.6 | -0.9 |
| 01:20 AM - 01:25 AM | 42.5 | 44.7 | -2.2 | 7.0 | - | 38.5 | 41.5 | -3.0 |
| 01:25 AM - 01:30 AM | 43.1 | 43.9 | -0.8 | 7.0 | - | 39.1 | 41.7 | -2.6 |
| 01:30 AM - 01:35 AM | 44.6 | 43.6 | 1.0 | 7.0 | - | 40.6 | 41.1 | -0.5 |
| 01:35 AM - 01:40 AM | 42.9 | 45.4 | -2.5 | 7.0 | - | 38.9 | 41.2 | -2.3 |
| 01:40 AM - 01:45 AM | 43.2 | 44.6 | -1.4 | 7.0 | - | 39.2 | 40.8 | -1.6 |
| 01:45 AM - 01:50 AM | 43.6 | 44.0 | -0.4 | 7.0 | - | 39.6 | 41.2 | -1.6 |
| 01:50 AM - 01:55 AM | 42.9 | 44.1 | -1.2 | 7.0 | - | 38.9 | 41.5 | -2.6 |
| 01:55 AM - 02:00 AM | 45.5 | 42.9 | 2.6 | 3.0 | - | 45.5 | 41.6 | 3.9 |
| 02:00 AM - 02:05 AM | 43.2 | 45.2 | -2.0 | 7.0 | - | 39.2 | 41.1 | -1.9 |
| 02:05 AM - 02:10 AM | 44.2 | 42.9 | 1.3 | 7.0 | - | 40.2 | 41.5 | -1.3 |
| 02:10 AM - 02:15 AM | 42.2 | 41.4 | 0.8 | 7.0 | - | 38.2 | 40.8 | -2.6 |
| 02:15 AM - 02:20 AM | 44.3 | 41.5 | 2.8 | 3.0 | - | 44.3 | 40.9 | 3.4 |
| 02:20 AM - 02:25 AM | 42.8 | 41.8 | 1.0 | 7.0 | - | 38.8 | 41.1 | -2.3 |
| 02:25 AM - 02:30 AM | 42.3 | 45.8 | -3.5 | 7.0 | - | 38.3 | 41.0 | -2.7 |
| 02:30 AM - 02:35 AM | 41.8 | 41.7 | 0.1 | 7.0 | - | 37.8 | 41.1 | -3.3 |
| 02:35 AM - 02:40 AM | 42.1 | 41.6 | 0.5 | 7.0 | - | 38.1 | 41.1 | -3.0 |
| 02:40 AM - 02:45 AM | 44.7 | 42.1 | 2.6 | 3.0 | - | 44.7 | 41.2 | 3.5 |
| 02:45 AM - 02:50 AM | 41.9 | 44.1 | -2.2 | 7.0 | - | 37.9 | 41.1 | -3.2 |
| 02:50 AM - 02:55 AM | 41.9 | 43.0 | -1.1 | 7.0 | - | 37.9 | 41.2 | -3.3 |
| 02:55 AM - 03:00 AM | 42.4 | 44.4 | -2.0 | 7.0 | - | 38.4 | 41.4 | -3.0 |
| 03:00 AM - 03:05 AM | 42.3 | 45.8 | -3.5 | 7.0 | - | 38.3 | 41.7 | -3.4 |
| 03:05 AM - 03:10 AM | 44.9 | 43.3 | 1.6 | 4.5 | - | 43.4 | 41.2 | 2.2 |
| 03:10 AM - 03:15 AM | 44.9 | 42.9 | 2.0 | 4.5 | - | 43.4 | 41.1 | 2.3 |
| 03:15 AM - 03:20 AM | 44.5 | 47.9 | -3.4 | 7.0 | - | 40.5 | 41.9 | -1.4 |
| 03:20 AM - 03:25 AM | 45.0 | 43.2 | 1.8 | 4.5 | - | 43.5 | 40.7 | 2.8 |
| 03:25 AM - 03:30 AM | 42.8 | 42.1 | 0.7 | 7.0 | - | 38.8 | 41.1 | -2.3 |
| 03:30 AM - 03:35 AM | 43.9 | 42.2 | 1.7 | 4.5 | - | 42.4 | 41.3 | 1.1 |
| 03:35 AM - 03:40 AM | 51.5 | 56.2 | -4.7 | 7.0 | - | 47.5 | 41.6 | 5.9 |
| 03:40 AM - 03:45 AM | 43.0 | 44.4 | -1.4 | 7.0 | - | 39.0 | 41.3 | -2.3 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854795-1



**Sample No.** 23128872-9
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:45 AM - 03:50 AM | 43.7 | 43.9 | -0.2 | 7.0 | - | 39.7 | 42.5 | -2.8 |
| 03:50 AM - 03:55 AM | 49.4 | 44.8 | 4.6 | 1.5 | - | 50.9 | 42.3 | 8.6 |
| 03:55 AM - 04:00 AM | 51.5 | 43.5 | 8.0 | 0.5 | - | 54.0 | 42.2 | 11.8 |
| 04:00 AM - 04:05 AM | 43.5 | 48.0 | -4.5 | 7.0 | - | 39.5 | 42.3 | -2.8 |
| 04:05 AM - 04:10 AM | 44.5 | 44.8 | -0.3 | 7.0 | - | 40.5 | 42.7 | -2.2 |
| 04:10 AM - 04:15 AM | 44.7 | 45.6 | -0.9 | 7.0 | - | 40.7 | 43.8 | -3.1 |
| 04:15 AM - 04:20 AM | 44.5 | 46.2 | -1.7 | 7.0 | - | 40.5 | 42.5 | -2.0 |
| 04:20 AM - 04:25 AM | 52.5 | 46.8 | 5.7 | 1.5 | - | 54.0 | 43.1 | 10.9 |
| 04:25 AM - 04:30 AM | 45.7 | 50.5 | -4.8 | 7.0 | - | 41.7 | 42.9 | -1.2 |
| 04:30 AM - 04:35 AM | 47.2 | 47.3 | -0.1 | 7.0 | - | 43.2 | 42.9 | 0.3 |
| 04:35 AM - 04:40 AM | 46.3 | 50.9 | -4.6 | 7.0 | - | 42.3 | 43.6 | -1.3 |
| 04:40 AM - 04:45 AM | 53.3 | 50.3 | 3.0 | 3.0 | - | 53.3 | 43.3 | 10.0 |
| 04:45 AM - 04:50 AM | 52.9 | 46.2 | 6.7 | 1.0 | - | 54.9 | 43.0 | 11.9 |
| 04:50 AM - 04:55 AM | 55.1 | 49.1 | 6.0 | 1.5 | - | 56.6 | 43.3 | 13.3 |
| 04:55 AM - 05:00 AM | 53.7 | 49.5 | 4.2 | 2.0 | - | 54.7 | 43.6 | 11.1 |
| 05:00 AM - 05:05 AM | 51.7 | 49.4 | 2.3 | 4.5 | - | 50.2 | 43.9 | 6.3 |
| 05:05 AM - 05:10 AM | 52.2 | 49.3 | 2.9 | 3.0 | - | 52.2 | 44.1 | 8.1 |
| 05:10 AM - 05:15 AM | 53.9 | 47.8 | 6.1 | 1.5 | - | 55.4 | 43.6 | 11.8 |
| 05:15 AM - 05:20 AM | 55.2 | 53.1 | 2.1 | 4.5 | - | 53.7 | 44.1 | 9.6 |
| 05:20 AM - 05:25 AM | 51.3 | 48.4 | 2.9 | 3.0 | - | 51.3 | 44.2 | 7.1 |
| 05:25 AM - 05:30 AM | 51.4 | 48.5 | 2.9 | 3.0 | - | 51.4 | 44.0 | 7.4 |
| 05:30 AM - 05:35 AM | 57.4 | 50.9 | 6.5 | 1.0 | - | 59.4 | 44.7 | 14.7 |
| 05:35 AM - 05:40 AM | 55.8 | 51.8 | 4.0 | 2.0 | - | 56.8 | 45.3 | 11.5 |
| 05:40 AM - 05:45 AM | 50.3 | 52.4 | -2.1 | 7.0 | - | 46.3 | 45.4 | 0.9 |
| 05:45 AM - 05:50 AM | 54.9 | 54.0 | 0.9 | 7.0 | - | 50.9 | 45.5 | 5.4 |
| 05:50 AM - 05:55 AM | 56.1 | 52.8 | 3.3 | 3.0 | - | 56.1 | 46.1 | 10.0 |
| 05:55 AM - 06:00 AM | 56.6 | 51.7 | 4.9 | 1.5 | - | 58.1 | 46.2 | 11.9 |
| 06:00 AM - 07:00 AM | 55.5 | 55.5 | 0.0 | 7.0 | 48.5 | - | 44.5 | 4.0 |
| 07:00 AM - 08:00 AM | 54.8 | 53.7 | 1.1 | 7.0 | 47.8 | - | 44.7 | 3.1 |
| 08:00 AM - 09:00 AM | 59.6 | 57.9 | 1.7 | 4.5 | 55.1 | - | 44.3 | 10.8 |
| 09:00 AM - 10:00 AM | 51.0 | 52.4 | -1.4 | 7.0 | 44.0 | - | 43.8 | 0.2 |
| 10:00 AM - 11:00 AM | 51.9 | 53.8 | -1.9 | 7.0 | 44.9 | - | 44.5 | 0.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 24-25 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-9 วันที่ตรวจวัด 24-25 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854796-1



**Sample No.** 23128872-10
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 53.3 | 52.8 | 0.5 | 7.0 | 46.3 | - | 45.6 | 0.7 |
| 12:00 PM - 01:00 PM | 52.6 | 54.1 | -1.5 | 7.0 | 45.6 | - | 46.3 | -0.7 |
| 01:00 PM - 02:00 PM | 57.5 | 54.2 | 3.3 | 3.0 | 54.5 | - | 46.1 | 8.4 |
| 02:00 PM - 03:00 PM | 53.4 | 54.9 | -1.5 | 7.0 | 46.4 | - | 45.9 | 0.5 |
| 03:00 PM - 04:00 PM | 53.5 | 54.3 | -0.8 | 7.0 | 46.5 | - | 46.0 | 0.5 |
| 04:00 PM - 05:00 PM | 52.7 | 54.2 | -1.5 | 7.0 | 45.7 | - | 45.8 | -0.1 |
| 05:00 PM - 06:00 PM | 52.1 | 53.0 | -0.9 | 7.0 | 45.1 | - | 46.6 | -1.5 |
| 06:00 PM - 07:00 PM | 50.4 | 50.5 | -0.1 | 7.0 | 43.4 | - | 46.8 | -3.4 |
| 07:00 PM - 08:00 PM | 49.1 | 51.9 | -2.8 | 7.0 | 42.1 | - | 46.7 | -4.6 |
| 08:00 PM - 09:00 PM | 48.3 | 46.8 | 1.5 | 4.5 | 43.8 | - | 43.5 | 0.3 |
| 09:00 PM - 10:00 PM | 46.2 | 46.8 | -0.6 | 7.0 | 39.2 | - | 42.2 | -3.0 |
| 10:00 PM - 10:05 PM | 44.9 | 44.8 | 0.1 | 7.0 | - | 40.9 | 41.7 | -0.8 |
| 10:05 PM - 10:10 PM | 45.0 | 44.6 | 0.4 | 7.0 | - | 41.0 | 41.4 | -0.4 |
| 10:10 PM - 10:15 PM | 44.1 | 43.6 | 0.5 | 7.0 | - | 40.1 | 41.7 | -1.6 |
| 10:15 PM - 10:20 PM | 43.8 | 43.4 | 0.4 | 7.0 | - | 39.8 | 41.3 | -1.5 |
| 10:20 PM - 10:25 PM | 45.4 | 42.7 | 2.7 | 3.0 | - | 45.4 | 41.5 | 3.9 |
| 10:25 PM - 10:30 PM | 43.6 | 44.4 | -0.8 | 7.0 | - | 39.6 | 41.4 | -1.8 |
| 10:30 PM - 10:35 PM | 44.0 | 44.4 | -0.4 | 7.0 | - | 40.0 | 41.0 | -1.0 |
| 10:35 PM - 10:40 PM | 44.0 | 42.0 | 2.0 | 4.5 | - | 42.5 | 40.9 | 1.6 |
| 10:40 PM - 10:45 PM | 43.6 | 44.6 | -1.0 | 7.0 | - | 39.6 | 41.3 | -1.7 |
| 10:45 PM - 10:50 PM | 44.9 | 46.1 | -1.2 | 7.0 | - | 40.9 | 41.2 | -0.3 |
| 10:50 PM - 10:55 PM | 43.6 | 42.3 | 1.3 | 7.0 | - | 39.6 | 41.1 | -1.5 |
| 10:55 PM - 11:00 PM | 44.8 | 45.2 | -0.4 | 7.0 | - | 40.8 | 41.3 | -0.5 |
| 11:00 PM - 11:05 PM | 45.5 | 44.7 | 0.8 | 7.0 | - | 41.5 | 40.8 | 0.7 |
| 11:05 PM - 11:10 PM | 43.2 | 45.1 | -1.9 | 7.0 | - | 39.2 | 40.8 | -1.6 |
| 11:10 PM - 11:15 PM | 44.2 | 43.7 | 0.5 | 7.0 | - | 40.2 | 40.5 | -0.3 |
| 11:15 PM - 11:20 PM | 43.9 | 42.4 | 1.5 | 4.5 | - | 42.4 | 40.8 | 1.6 |
| 11:20 PM - 11:25 PM | 43.7 | 42.8 | 0.9 | 7.0 | - | 39.7 | 41.2 | -1.5 |
| 11:25 PM - 11:30 PM | 44.7 | 41.9 | 2.8 | 3.0 | - | 44.7 | 41.1 | 3.6 |
| 11:30 PM - 11:35 PM | 43.8 | 42.3 | 1.5 | 4.5 | - | 42.3 | 40.9 | 1.4 |
| 11:35 PM - 11:40 PM | 43.9 | 45.1 | -1.2 | 7.0 | - | 39.9 | 41.5 | -1.6 |
| 11:40 PM - 11:45 PM | 43.2 | 42.9 | 0.3 | 7.0 | - | 39.2 | 41.6 | -2.4 |
| 11:45 PM - 11:50 PM | 43.0 | 44.5 | -1.5 | 7.0 | - | 39.0 | 42.0 | -3.0 |
| 11:50 PM - 11:55 PM | 44.1 | 44.8 | -0.7 | 7.0 | - | 40.1 | 42.0 | -1.9 |
| 11:55 PM - 12:00 AM | 44.3 | 44.6 | -0.3 | 7.0 | - | 40.3 | 42.2 | -1.9 |
| 12:00 AM - 12:05 AM | 43.4 | 42.4 | 1.0 | 7.0 | - | 39.4 | 41.7 | -2.3 |
| 12:05 AM - 12:10 AM | 44.5 | 42.9 | 1.6 | 4.5 | - | 43.0 | 41.4 | 1.6 |
| 12:10 AM - 12:15 AM | 44.8 | 55.9 | -11.1 | 7.0 | - | 40.8 | 41.6 | -0.8 |
| 12:15 AM - 12:20 AM | 44.5 | 42.1 | 2.4 | 4.5 | - | 43.0 | 41.2 | 1.8 |
| 12:20 AM - 12:25 AM | 43.7 | 54.3 | -10.6 | 7.0 | - | 39.7 | 41.6 | -1.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854796-1



**Sample No.** 23128872-10
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:25 AM - 12:30 AM | 54.3 | 45.5 | 8.8 | 0.5 | - | 56.8 | 41.0 | 15.8 |
| 12:30 AM - 12:35 AM | 43.5 | 44.9 | -1.4 | 7.0 | - | 39.5 | 41.3 | -1.8 |
| 12:35 AM - 12:40 AM | 51.5 | 53.3 | -1.8 | 7.0 | - | 47.5 | 40.9 | 6.6 |
| 12:40 AM - 12:45 AM | 50.1 | 52.4 | -2.3 | 7.0 | - | 46.1 | 40.6 | 5.5 |
| 12:45 AM - 12:50 AM | 44.8 | 48.1 | -3.3 | 7.0 | - | 40.8 | 40.7 | 0.1 |
| 12:50 AM - 12:55 AM | 50.6 | 40.8 | 9.8 | 0.5 | - | 53.1 | 40.2 | 12.9 |
| 12:55 AM - 01:00 AM | 55.5 | 43.5 | 12.0 | 0.5 | - | 58.0 | 40.4 | 17.6 |
| 01:00 AM - 01:05 AM | 44.1 | 41.3 | 2.8 | 3.0 | - | 44.1 | 40.2 | 3.9 |
| 01:05 AM - 01:10 AM | 46.9 | 41.1 | 5.8 | 1.5 | - | 48.4 | 40.2 | 8.2 |
| 01:10 AM - 01:15 AM | 45.0 | 45.2 | -0.2 | 7.0 | - | 41.0 | 41.0 | 0.0 |
| 01:15 AM - 01:20 AM | 44.0 | 44.5 | -0.5 | 7.0 | - | 40.0 | 40.7 | -0.7 |
| 01:20 AM - 01:25 AM | 43.9 | 41.1 | 2.8 | 3.0 | - | 43.9 | 40.3 | 3.6 |
| 01:25 AM - 01:30 AM | 45.1 | 43.1 | 2.0 | 4.5 | - | 43.6 | 40.7 | 2.9 |
| 01:30 AM - 01:35 AM | 45.1 | 41.5 | 3.6 | 2.0 | - | 46.1 | 40.8 | 5.3 |
| 01:35 AM - 01:40 AM | 43.5 | 41.3 | 2.2 | 4.5 | - | 42.0 | 40.5 | 1.5 |
| 01:40 AM - 01:45 AM | 44.0 | 41.4 | 2.6 | 3.0 | - | 44.0 | 40.6 | 3.4 |
| 01:45 AM - 01:50 AM | 42.0 | 42.6 | -0.6 | 7.0 | - | 38.0 | 40.8 | -2.8 |
| 01:50 AM - 01:55 AM | 42.5 | 46.4 | -3.9 | 7.0 | - | 38.5 | 40.8 | -2.3 |
| 01:55 AM - 02:00 AM | 43.0 | 40.9 | 2.1 | 4.5 | - | 41.5 | 40.0 | 1.5 |
| 02:00 AM - 02:05 AM | 43.1 | 41.4 | 1.7 | 4.5 | - | 41.6 | 40.1 | 1.5 |
| 02:05 AM - 02:10 AM | 44.8 | 40.9 | 3.9 | 2.0 | - | 45.8 | 40.0 | 5.8 |
| 02:10 AM - 02:15 AM | 44.5 | 41.8 | 2.7 | 3.0 | - | 44.5 | 39.8 | 4.7 |
| 02:15 AM - 02:20 AM | 43.1 | 40.7 | 2.4 | 4.5 | - | 41.6 | 39.9 | 1.7 |
| 02:20 AM - 02:25 AM | 43.0 | 42.7 | 0.3 | 7.0 | - | 39.0 | 40.0 | -1.0 |
| 02:25 AM - 02:30 AM | 43.0 | 43.1 | -0.1 | 7.0 | - | 39.0 | 39.9 | -0.9 |
| 02:30 AM - 02:35 AM | 42.7 | 42.3 | 0.4 | 7.0 | - | 38.7 | 40.1 | -1.4 |
| 02:35 AM - 02:40 AM | 43.3 | 41.6 | 1.7 | 4.5 | - | 41.8 | 39.8 | 2.0 |
| 02:40 AM - 02:45 AM | 44.5 | 40.8 | 3.7 | 2.0 | - | 45.5 | 40.0 | 5.5 |
| 02:45 AM - 02:50 AM | 43.2 | 41.0 | 2.2 | 4.5 | - | 41.7 | 40.4 | 1.3 |
| 02:50 AM - 02:55 AM | 43.2 | 41.0 | 2.2 | 4.5 | - | 41.7 | 40.4 | 1.3 |
| 02:55 AM - 03:00 AM | 43.3 | 45.1 | -1.8 | 7.0 | - | 39.3 | 40.5 | -1.2 |
| 03:00 AM - 03:05 AM | 42.9 | 44.2 | -1.3 | 7.0 | - | 38.9 | 40.1 | -1.2 |
| 03:05 AM - 03:10 AM | 42.7 | 44.3 | -1.6 | 7.0 | - | 38.7 | 40.7 | -2.0 |
| 03:10 AM - 03:15 AM | 44.7 | 41.5 | 3.2 | 3.0 | - | 44.7 | 40.4 | 4.3 |
| 03:15 AM - 03:20 AM | 43.4 | 41.3 | 2.1 | 4.5 | - | 41.9 | 40.3 | 1.6 |
| 03:20 AM - 03:25 AM | 45.1 | 43.6 | 1.5 | 4.5 | - | 43.6 | 41.1 | 2.5 |
| 03:25 AM - 03:30 AM | 44.0 | 41.7 | 2.3 | 4.5 | - | 42.5 | 40.4 | 2.1 |
| 03:30 AM - 03:35 AM | 43.1 | 47.4 | -4.3 | 7.0 | - | 39.1 | 40.8 | -1.7 |
| 03:35 AM - 03:40 AM | 43.7 | 40.7 | 3.0 | 3.0 | - | 43.7 | 39.4 | 4.3 |
| 03:40 AM - 03:45 AM | 44.6 | 42.1 | 2.5 | 3.0 | - | 44.6 | 40.2 | 4.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854796-1



**Sample No.** 23128872-10
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:45 AM - 03:50 AM | 46.5 | 47.7 | -1.2 | 7.0 | - | 42.5 | 41.1 | 1.4 |
| 03:50 AM - 03:55 AM | 43.0 | 45.7 | -2.7 | 7.0 | - | 39.0 | 40.4 | -1.4 |
| 03:55 AM - 04:00 AM | 42.7 | 43.6 | -0.9 | 7.0 | - | 38.7 | 41.1 | -2.4 |
| 04:00 AM - 04:05 AM | 43.1 | 43.6 | -0.5 | 7.0 | - | 39.1 | 40.9 | -1.8 |
| 04:05 AM - 04:10 AM | 53.4 | 45.1 | 8.3 | 0.5 | - | 55.9 | 42.0 | 13.9 |
| 04:10 AM - 04:15 AM | 42.8 | 47.3 | -4.5 | 7.0 | - | 38.8 | 42.2 | -3.4 |
| 04:15 AM - 04:20 AM | 43.7 | 48.4 | -4.7 | 7.0 | - | 39.7 | 42.7 | -3.0 |
| 04:20 AM - 04:25 AM | 45.0 | 46.0 | -1.0 | 7.0 | - | 41.0 | 42.7 | -1.7 |
| 04:25 AM - 04:30 AM | 44.8 | 44.9 | -0.1 | 7.0 | - | 40.8 | 42.2 | -1.4 |
| 04:30 AM - 04:35 AM | 46.0 | 48.2 | -2.2 | 7.0 | - | 42.0 | 42.8 | -0.8 |
| 04:35 AM - 04:40 AM | 53.6 | 48.0 | 5.6 | 1.5 | - | 55.1 | 43.0 | 12.1 |
| 04:40 AM - 04:45 AM | 46.0 | 47.2 | -1.2 | 7.0 | - | 42.0 | 41.9 | 0.1 |
| 04:45 AM - 04:50 AM | 50.1 | 43.2 | 6.9 | 1.0 | - | 52.1 | 41.5 | 10.6 |
| 04:50 AM - 04:55 AM | 50.9 | 49.7 | 1.2 | 7.0 | - | 46.9 | 43.2 | 3.7 |
| 04:55 AM - 05:00 AM | 52.4 | 47.4 | 5.0 | 1.5 | - | 53.9 | 42.4 | 11.5 |
| 05:00 AM - 05:05 AM | 46.7 | 44.9 | 1.8 | 4.5 | - | 45.2 | 42.6 | 2.6 |
| 05:05 AM - 05:10 AM | 53.3 | 49.3 | 4.0 | 2.0 | - | 54.3 | 43.4 | 10.9 |
| 05:10 AM - 05:15 AM | 53.5 | 50.5 | 3.0 | 3.0 | - | 53.5 | 43.3 | 10.2 |
| 05:15 AM - 05:20 AM | 49.0 | 50.4 | -1.4 | 7.0 | - | 45.0 | 43.4 | 1.6 |
| 05:20 AM - 05:25 AM | 49.7 | 50.4 | -0.7 | 7.0 | - | 45.7 | 43.7 | 2.0 |
| 05:25 AM - 05:30 AM | 52.3 | 51.0 | 1.3 | 7.0 | - | 48.3 | 43.6 | 4.7 |
| 05:30 AM - 05:35 AM | 52.4 | 50.2 | 2.2 | 4.5 | - | 50.9 | 43.7 | 7.2 |
| 05:35 AM - 05:40 AM | 56.4 | 50.8 | 5.6 | 1.5 | - | 57.9 | 43.9 | 14.0 |
| 05:40 AM - 05:45 AM | 55.6 | 51.8 | 3.8 | 2.0 | - | 56.6 | 44.5 | 12.1 |
| 05:45 AM - 05:50 AM | 54.1 | 53.6 | 0.5 | 7.0 | - | 50.1 | 46.0 | 4.1 |
| 05:50 AM - 05:55 AM | 55.7 | 53.5 | 2.2 | 4.5 | - | 54.2 | 45.9 | 8.3 |
| 05:55 AM - 06:00 AM | 55.2 | 52.6 | 2.6 | 3.0 | - | 55.2 | 46.3 | 8.9 |
| 06:00 AM - 07:00 AM | 55.3 | 51.3 | 4.0 | 2.0 | 53.3 | - | 44.9 | 8.4 |
| 07:00 AM - 08:00 AM | 52.4 | 52.4 | 0.0 | 7.0 | 45.4 | - | 45.5 | -0.1 |
| 08:00 AM - 09:00 AM | 60.4 | 52.8 | 7.6 | 0.5 | 59.9 | - | 45.5 | 14.4 |
| 09:00 AM - 10:00 AM | 51.9 | 53.5 | -1.6 | 7.0 | 44.9 | - | 45.8 | -0.9 |
| 10:00 AM - 11:00 AM | 53.1 | 52.3 | 0.8 | 7.0 | 46.1 | - | 44.7 | 1.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-10 วันที่ตรวจวัด 25-26 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854797-1



**Sample No.** 23128872-11
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 55.2 | 53.7 | 1.5 | 4.5 | 50.7 | - | 44.9 | 5.8 |
| 12:00 PM - 01:00 PM | 52.0 | 50.5 | 1.5 | 4.5 | 47.5 | - | 44.2 | 3.3 |
| 01:00 PM - 02:00 PM | 51.8 | 50.3 | 1.5 | 4.5 | 47.3 | - | 44.2 | 3.1 |
| 02:00 PM - 03:00 PM | 55.4 | 53.9 | 1.5 | 4.5 | 50.9 | - | 44.0 | 6.9 |
| 03:00 PM - 04:00 PM | 50.8 | 49.3 | 1.5 | 4.5 | 46.3 | - | 42.3 | 4.0 |
| 04:00 PM - 05:00 PM | 51.3 | 49.8 | 1.5 | 4.5 | 46.8 | - | 43.1 | 3.7 |
| 05:00 PM - 06:00 PM | 52.6 | 51.1 | 1.5 | 4.5 | 48.1 | - | 43.4 | 4.7 |
| 06:00 PM - 07:00 PM | 51.2 | 49.7 | 1.5 | 4.5 | 46.7 | - | 44.1 | 2.6 |
| 07:00 PM - 08:00 PM | 49.4 | 47.9 | 1.5 | 4.5 | 44.9 | - | 44.5 | 0.4 |
| 08:00 PM - 09:00 PM | 49.7 | 48.2 | 1.5 | 4.5 | 45.2 | - | 43.8 | 1.4 |
| 09:00 PM - 10:00 PM | 49.0 | 47.5 | 1.5 | 4.5 | 44.5 | - | 43.6 | 0.9 |
| 10:00 PM - 10:05 PM | 48.9 | 47.4 | 1.5 | 4.5 | - | 47.4 | 43.2 | 4.2 |
| 10:05 PM - 10:10 PM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 43.1 | 1.1 |
| 10:10 PM - 10:15 PM | 53.1 | 51.6 | 1.5 | 4.5 | - | 51.6 | 43.4 | 8.2 |
| 10:15 PM - 10:20 PM | 46.3 | 44.8 | 1.5 | 4.5 | - | 44.8 | 43.3 | 1.5 |
| 10:20 PM - 10:25 PM | 47.2 | 45.7 | 1.5 | 4.5 | - | 45.7 | 43.5 | 2.2 |
| 10:25 PM - 10:30 PM | 45.4 | 43.9 | 1.5 | 4.5 | - | 43.9 | 43.1 | 0.8 |
| 10:30 PM - 10:35 PM | 48.6 | 47.1 | 1.5 | 4.5 | - | 47.1 | 43.4 | 3.7 |
| 10:35 PM - 10:40 PM | 51.1 | 49.6 | 1.5 | 4.5 | - | 49.6 | 43.7 | 5.9 |
| 10:40 PM - 10:45 PM | 49.4 | 47.9 | 1.5 | 4.5 | - | 47.9 | 43.8 | 4.1 |
| 10:45 PM - 10:50 PM | 45.9 | 44.4 | 1.5 | 4.5 | - | 44.4 | 43.0 | 1.4 |
| 10:50 PM - 10:55 PM | 49.1 | 47.6 | 1.5 | 4.5 | - | 47.6 | 43.5 | 4.1 |
| 10:55 PM - 11:00 PM | 47.0 | 45.5 | 1.5 | 4.5 | - | 45.5 | 42.9 | 2.6 |
| 11:00 PM - 11:05 PM | 46.6 | 45.1 | 1.5 | 4.5 | - | 45.1 | 43.1 | 2.0 |
| 11:05 PM - 11:10 PM | 45.4 | 43.9 | 1.5 | 4.5 | - | 43.9 | 43.3 | 0.6 |
| 11:10 PM - 11:15 PM | 45.9 | 44.4 | 1.5 | 4.5 | - | 44.4 | 42.7 | 1.7 |
| 11:15 PM - 11:20 PM | 46.9 | 45.4 | 1.5 | 4.5 | - | 45.4 | 43.0 | 2.4 |
| 11:20 PM - 11:25 PM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 43.0 | 1.2 |
| 11:25 PM - 11:30 PM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 42.9 | 0.8 |
| 11:30 PM - 11:35 PM | 44.7 | 43.2 | 1.5 | 4.5 | - | 43.2 | 42.6 | 0.6 |
| 11:35 PM - 11:40 PM | 45.9 | 44.4 | 1.5 | 4.5 | - | 44.4 | 42.7 | 1.7 |
| 11:40 PM - 11:45 PM | 46.2 | 44.7 | 1.5 | 4.5 | - | 44.7 | 41.9 | 2.8 |
| 11:45 PM - 11:50 PM | 45.8 | 44.3 | 1.5 | 4.5 | - | 44.3 | 41.9 | 2.4 |
| 11:50 PM - 11:55 PM | 44.3 | 42.8 | 1.5 | 4.5 | - | 42.8 | 40.7 | 2.1 |
| 11:55 PM - 12:00 AM | 47.9 | 46.4 | 1.5 | 4.5 | - | 46.4 | 41.3 | 5.1 |
| 12:00 AM - 12:05 AM | 44.8 | 43.3 | 1.5 | 4.5 | - | 43.3 | 41.3 | 2.0 |
| 12:05 AM - 12:10 AM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 41.7 | 1.3 |
| 12:10 AM - 12:15 AM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 41.6 | 2.6 |
| 12:15 AM - 12:20 AM | 44.6 | 43.1 | 1.5 | 4.5 | - | 43.1 | 41.3 | 1.8 |
| 12:20 AM - 12:25 AM | 43.2 | 41.7 | 1.5 | 4.5 | - | 41.7 | 41.2 | 0.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854797-1



**Sample No.** 23128872-11
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:25 AM - 12:30 AM | 45.8 | 44.3 | 1.5 | 4.5 | - | 44.3 | 41.1 | 3.2 |
| 12:30 AM - 12:35 AM | 43.8 | 42.3 | 1.5 | 4.5 | - | 42.3 | 41.3 | 1.0 |
| 12:35 AM - 12:40 AM | 43.0 | 41.5 | 1.5 | 4.5 | - | 41.5 | 40.9 | 0.6 |
| 12:40 AM - 12:45 AM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 40.9 | 1.1 |
| 12:45 AM - 12:50 AM | 42.8 | 41.3 | 1.5 | 4.5 | - | 41.3 | 40.7 | 0.6 |
| 12:50 AM - 12:55 AM | 45.8 | 44.3 | 1.5 | 4.5 | - | 44.3 | 40.8 | 3.5 |
| 12:55 AM - 01:00 AM | 42.6 | 41.1 | 1.5 | 4.5 | - | 41.1 | 40.5 | 0.6 |
| 01:00 AM - 01:05 AM | 43.2 | 41.7 | 1.5 | 4.5 | - | 41.7 | 40.6 | 1.1 |
| 01:05 AM - 01:10 AM | 51.3 | 49.8 | 1.5 | 4.5 | - | 49.8 | 40.8 | 9.0 |
| 01:10 AM - 01:15 AM | 51.3 | 49.8 | 1.5 | 4.5 | - | 49.8 | 40.5 | 9.3 |
| 01:15 AM - 01:20 AM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 41.1 | 3.1 |
| 01:20 AM - 01:25 AM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 40.9 | 1.1 |
| 01:25 AM - 01:30 AM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 40.8 | 1.8 |
| 01:30 AM - 01:35 AM | 45.6 | 44.1 | 1.5 | 4.5 | - | 44.1 | 41.2 | 2.9 |
| 01:35 AM - 01:40 AM | 43.9 | 42.4 | 1.5 | 4.5 | - | 42.4 | 40.7 | 1.7 |
| 01:40 AM - 01:45 AM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 40.8 | 1.9 |
| 01:45 AM - 01:50 AM | 44.6 | 43.1 | 1.5 | 4.5 | - | 43.1 | 40.8 | 2.3 |
| 01:50 AM - 01:55 AM | 43.9 | 42.4 | 1.5 | 4.5 | - | 42.4 | 41.0 | 1.4 |
| 01:55 AM - 02:00 AM | 46.5 | 45.0 | 1.5 | 4.5 | - | 45.0 | 41.0 | 4.0 |
| 02:00 AM - 02:05 AM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 41.3 | 1.4 |
| 02:05 AM - 02:10 AM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 41.0 | 2.7 |
| 02:10 AM - 02:15 AM | 43.2 | 41.7 | 1.5 | 4.5 | - | 41.7 | 41.0 | 0.7 |
| 02:15 AM - 02:20 AM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 40.9 | 2.9 |
| 02:20 AM - 02:25 AM | 43.8 | 42.3 | 1.5 | 4.5 | - | 42.3 | 40.7 | 1.6 |
| 02:25 AM - 02:30 AM | 43.3 | 41.8 | 1.5 | 4.5 | - | 41.8 | 41.0 | 0.8 |
| 02:30 AM - 02:35 AM | 42.8 | 41.3 | 1.5 | 4.5 | - | 41.3 | 40.6 | 0.7 |
| 02:35 AM - 02:40 AM | 43.1 | 41.6 | 1.5 | 4.5 | - | 41.6 | 41.0 | 0.6 |
| 02:40 AM - 02:45 AM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 41.3 | 2.9 |
| 02:45 AM - 02:50 AM | 42.9 | 41.4 | 1.5 | 4.5 | - | 41.4 | 40.9 | 0.5 |
| 02:50 AM - 02:55 AM | 42.9 | 41.4 | 1.5 | 4.5 | - | 41.4 | 40.8 | 0.6 |
| 02:55 AM - 03:00 AM | 43.4 | 41.9 | 1.5 | 4.5 | - | 41.9 | 40.9 | 1.0 |
| 03:00 AM - 03:05 AM | 43.3 | 41.8 | 1.5 | 4.5 | - | 41.8 | 41.0 | 0.8 |
| 03:05 AM - 03:10 AM | 45.9 | 44.4 | 1.5 | 4.5 | - | 44.4 | 42.1 | 2.3 |
| 03:10 AM - 03:15 AM | 45.9 | 44.4 | 1.5 | 4.5 | - | 44.4 | 42.4 | 2.0 |
| 03:15 AM - 03:20 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 42.0 | 2.0 |
| 03:20 AM - 03:25 AM | 46.0 | 44.5 | 1.5 | 4.5 | - | 44.5 | 41.9 | 2.6 |
| 03:25 AM - 03:30 AM | 43.8 | 42.3 | 1.5 | 4.5 | - | 42.3 | 41.3 | 1.0 |
| 03:30 AM - 03:35 AM | 44.9 | 43.4 | 1.5 | 4.5 | - | 43.4 | 41.4 | 2.0 |
| 03:35 AM - 03:40 AM | 52.5 | 51.0 | 1.5 | 4.5 | - | 51.0 | 42.2 | 8.8 |
| 03:40 AM - 03:45 AM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.6 | 0.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854797-1



**Sample No.** 23128872-11
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:45 AM - 03:50 AM | 44.7 | 43.2 | 1.5 | 4.5 | - | 43.2 | 41.9 | 1.3 |
| 03:50 AM - 03:55 AM | 50.4 | 48.9 | 1.5 | 4.5 | - | 48.9 | 41.5 | 7.4 |
| 03:55 AM - 04:00 AM | 52.5 | 51.0 | 1.5 | 4.5 | - | 51.0 | 41.6 | 9.4 |
| 04:00 AM - 04:05 AM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 41.6 | 1.4 |
| 04:05 AM - 04:10 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 42.3 | 1.7 |
| 04:10 AM - 04:15 AM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 42.3 | 1.9 |
| 04:15 AM - 04:20 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 42.5 | 1.5 |
| 04:20 AM - 04:25 AM | 53.5 | 52.0 | 1.5 | 4.5 | - | 52.0 | 43.2 | 8.8 |
| 04:25 AM - 04:30 AM | 46.7 | 45.2 | 1.5 | 4.5 | - | 45.2 | 43.3 | 1.9 |
| 04:30 AM - 04:35 AM | 48.2 | 46.7 | 1.5 | 4.5 | - | 46.7 | 43.4 | 3.3 |
| 04:35 AM - 04:40 AM | 47.3 | 45.8 | 1.5 | 4.5 | - | 45.8 | 43.2 | 2.6 |
| 04:40 AM - 04:45 AM | 54.3 | 52.8 | 1.5 | 4.5 | - | 52.8 | 43.1 | 9.7 |
| 04:45 AM - 04:50 AM | 53.9 | 52.4 | 1.5 | 4.5 | - | 52.4 | 42.7 | 9.7 |
| 04:50 AM - 04:55 AM | 56.1 | 54.6 | 1.5 | 4.5 | - | 54.6 | 42.7 | 11.9 |
| 04:55 AM - 05:00 AM | 54.7 | 53.2 | 1.5 | 4.5 | - | 53.2 | 43.0 | 10.2 |
| 05:00 AM - 05:05 AM | 52.7 | 51.2 | 1.5 | 4.5 | - | 51.2 | 42.2 | 9.0 |
| 05:05 AM - 05:10 AM | 53.2 | 51.7 | 1.5 | 4.5 | - | 51.7 | 42.7 | 9.0 |
| 05:10 AM - 05:15 AM | 54.9 | 53.4 | 1.5 | 4.5 | - | 53.4 | 43.7 | 9.7 |
| 05:15 AM - 05:20 AM | 56.2 | 54.7 | 1.5 | 4.5 | - | 54.7 | 43.7 | 11.0 |
| 05:20 AM - 05:25 AM | 52.3 | 50.8 | 1.5 | 4.5 | - | 50.8 | 44.3 | 6.5 |
| 05:25 AM - 05:30 AM | 52.4 | 50.9 | 1.5 | 4.5 | - | 50.9 | 44.8 | 6.1 |
| 05:30 AM - 05:35 AM | 58.4 | 56.9 | 1.5 | 4.5 | - | 56.9 | 45.2 | 11.7 |
| 05:35 AM - 05:40 AM | 56.8 | 55.3 | 1.5 | 4.5 | - | 55.3 | 45.4 | 9.9 |
| 05:40 AM - 05:45 AM | 51.3 | 49.8 | 1.5 | 4.5 | - | 49.8 | 45.3 | 4.5 |
| 05:45 AM - 05:50 AM | 55.9 | 54.4 | 1.5 | 4.5 | - | 54.4 | 45.4 | 9.0 |
| 05:50 AM - 05:55 AM | 57.1 | 55.6 | 1.5 | 4.5 | - | 55.6 | 45.8 | 9.8 |
| 05:55 AM - 06:00 AM | 57.6 | 56.1 | 1.5 | 4.5 | - | 56.1 | 46.7 | 9.4 |
| 06:00 AM - 07:00 AM | 56.5 | 55.0 | 1.5 | 4.5 | 52.0 | - | 45.8 | 6.2 |
| 07:00 AM - 08:00 AM | 55.8 | 54.3 | 1.5 | 4.5 | 51.3 | - | 44.6 | 6.7 |
| 08:00 AM - 09:00 AM | 60.6 | 59.1 | 1.5 | 4.5 | 56.1 | - | 44.3 | 11.8 |
| 09:00 AM - 10:00 AM | 52.0 | 50.5 | 1.5 | 4.5 | 47.5 | - | 43.8 | 3.7 |
| 10:00 AM - 11:00 AM | 52.9 | 51.4 | 1.5 | 4.5 | 48.4 | - | 44.8 | 3.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-11 วันที่ตรวจวัด 26-27 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854798-1



**Sample No.** 23128872-12
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 54.3 | 52.8 | 1.5 | 4.5 | 49.8 | - | 44.8 | 5.0 |
| 12:00 PM - 01:00 PM | 53.6 | 52.1 | 1.5 | 4.5 | 49.1 | - | 45.1 | 4.0 |
| 01:00 PM - 02:00 PM | 58.5 | 57.0 | 1.5 | 4.5 | 54.0 | - | 44.2 | 9.8 |
| 02:00 PM - 03:00 PM | 54.4 | 52.9 | 1.5 | 4.5 | 49.9 | - | 44.6 | 5.3 |
| 03:00 PM - 04:00 PM | 54.5 | 53.0 | 1.5 | 4.5 | 50.0 | - | 43.9 | 6.1 |
| 04:00 PM - 05:00 PM | 53.7 | 52.2 | 1.5 | 4.5 | 49.2 | - | 43.6 | 5.6 |
| 05:00 PM - 06:00 PM | 53.1 | 51.6 | 1.5 | 4.5 | 48.6 | - | 44.3 | 4.3 |
| 06:00 PM - 07:00 PM | 51.4 | 49.9 | 1.5 | 4.5 | 46.9 | - | 45.4 | 1.5 |
| 07:00 PM - 08:00 PM | 50.1 | 48.6 | 1.5 | 4.5 | 45.6 | - | 44.9 | 0.7 |
| 08:00 PM - 09:00 PM | 49.3 | 47.8 | 1.5 | 4.5 | 44.8 | - | 43.5 | 1.3 |
| 09:00 PM - 10:00 PM | 47.2 | 45.7 | 1.5 | 4.5 | 42.7 | - | 42.9 | -0.2 |
| 10:00 PM - 10:05 PM | 45.9 | 44.4 | 1.5 | 4.5 | - | 44.4 | 43.0 | 1.4 |
| 10:05 PM - 10:10 PM | 46.0 | 44.5 | 1.5 | 4.5 | - | 44.5 | 42.8 | 1.7 |
| 10:10 PM - 10:15 PM | 45.1 | 43.6 | 1.5 | 4.5 | - | 43.6 | 42.4 | 1.2 |
| 10:15 PM - 10:20 PM | 44.8 | 43.3 | 1.5 | 4.5 | - | 43.3 | 42.5 | 0.8 |
| 10:20 PM - 10:25 PM | 46.4 | 44.9 | 1.5 | 4.5 | - | 44.9 | 42.2 | 2.7 |
| 10:25 PM - 10:30 PM | 44.6 | 43.1 | 1.5 | 4.5 | - | 43.1 | 42.0 | 1.1 |
| 10:30 PM - 10:35 PM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 41.8 | 1.7 |
| 10:35 PM - 10:40 PM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 42.0 | 1.5 |
| 10:40 PM - 10:45 PM | 44.6 | 43.1 | 1.5 | 4.5 | - | 43.1 | 42.1 | 1.0 |
| 10:45 PM - 10:50 PM | 45.9 | 44.4 | 1.5 | 4.5 | - | 44.4 | 41.5 | 2.9 |
| 10:50 PM - 10:55 PM | 44.6 | 43.1 | 1.5 | 4.5 | - | 43.1 | 41.8 | 1.3 |
| 10:55 PM - 11:00 PM | 45.8 | 44.3 | 1.5 | 4.5 | - | 44.3 | 41.8 | 2.5 |
| 11:00 PM - 11:05 PM | 46.5 | 45.0 | 1.5 | 4.5 | - | 45.0 | 41.9 | 3.1 |
| 11:05 PM - 11:10 PM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 41.9 | 0.8 |
| 11:10 PM - 11:15 PM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 42.1 | 1.6 |
| 11:15 PM - 11:20 PM | 44.9 | 43.4 | 1.5 | 4.5 | - | 43.4 | 41.3 | 2.1 |
| 11:20 PM - 11:25 PM | 44.7 | 43.2 | 1.5 | 4.5 | - | 43.2 | 41.0 | 2.2 |
| 11:25 PM - 11:30 PM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 42.0 | 2.2 |
| 11:30 PM - 11:35 PM | 44.8 | 43.3 | 1.5 | 4.5 | - | 43.3 | 42.1 | 1.2 |
| 11:35 PM - 11:40 PM | 44.9 | 43.4 | 1.5 | 4.5 | - | 43.4 | 42.0 | 1.4 |
| 11:40 PM - 11:45 PM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 42.0 | 0.7 |
| 11:45 PM - 11:50 PM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.6 | 0.9 |
| 11:50 PM - 11:55 PM | 45.1 | 43.6 | 1.5 | 4.5 | - | 43.6 | 41.4 | 2.2 |
| 11:55 PM - 12:00 AM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 42.3 | 1.5 |
| 12:00 AM - 12:05 AM | 44.4 | 42.9 | 1.5 | 4.5 | - | 42.9 | 42.1 | 0.8 |
| 12:05 AM - 12:10 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 42.5 | 1.5 |
| 12:10 AM - 12:15 AM | 45.8 | 44.3 | 1.5 | 4.5 | - | 44.3 | 42.4 | 1.9 |
| 12:15 AM - 12:20 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 42.5 | 1.5 |
| 12:20 AM - 12:25 AM | 44.7 | 43.2 | 1.5 | 4.5 | - | 43.2 | 42.3 | 0.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854798-1



**Sample No.** 23128872-12
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:25 AM - 12:30 AM | 55.3 | 53.8 | 1.5 | 4.5 | - | 53.8 | 42.2 | 11.6 |
| 12:30 AM - 12:35 AM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 42.1 | 0.9 |
| 12:35 AM - 12:40 AM | 52.5 | 51.0 | 1.5 | 4.5 | - | 51.0 | 42.3 | 8.7 |
| 12:40 AM - 12:45 AM | 51.1 | 49.6 | 1.5 | 4.5 | - | 49.6 | 42.2 | 7.4 |
| 12:45 AM - 12:50 AM | 45.8 | 44.3 | 1.5 | 4.5 | - | 44.3 | 42.4 | 1.9 |
| 12:50 AM - 12:55 AM | 51.6 | 50.1 | 1.5 | 4.5 | - | 50.1 | 42.4 | 7.7 |
| 12:55 AM - 01:00 AM | 56.5 | 55.0 | 1.5 | 4.5 | - | 55.0 | 45.0 | 10.0 |
| 01:00 AM - 01:05 AM | 45.1 | 43.6 | 1.5 | 4.5 | - | 43.6 | 42.2 | 1.4 |
| 01:05 AM - 01:10 AM | 47.9 | 46.4 | 1.5 | 4.5 | - | 46.4 | 42.7 | 3.7 |
| 01:10 AM - 01:15 AM | 46.0 | 44.5 | 1.5 | 4.5 | - | 44.5 | 42.7 | 1.8 |
| 01:15 AM - 01:20 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 42.4 | 1.1 |
| 01:20 AM - 01:25 AM | 44.9 | 43.4 | 1.5 | 4.5 | - | 43.4 | 42.3 | 1.1 |
| 01:25 AM - 01:30 AM | 46.1 | 44.6 | 1.5 | 4.5 | - | 44.6 | 41.8 | 2.8 |
| 01:30 AM - 01:35 AM | 46.1 | 44.6 | 1.5 | 4.5 | - | 44.6 | 42.0 | 2.6 |
| 01:35 AM - 01:40 AM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 41.6 | 1.4 |
| 01:40 AM - 01:45 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 41.5 | 2.0 |
| 01:45 AM - 01:50 AM | 43.0 | 41.5 | 1.5 | 4.5 | - | 41.5 | 40.9 | 0.6 |
| 01:50 AM - 01:55 AM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 41.4 | 0.6 |
| 01:55 AM - 02:00 AM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.7 | 0.8 |
| 02:00 AM - 02:05 AM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 41.6 | 1.0 |
| 02:05 AM - 02:10 AM | 45.8 | 44.3 | 1.5 | 4.5 | - | 44.3 | 41.8 | 2.5 |
| 02:10 AM - 02:15 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 41.6 | 2.4 |
| 02:15 AM - 02:20 AM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 41.6 | 1.0 |
| 02:20 AM - 02:25 AM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.5 | 1.0 |
| 02:25 AM - 02:30 AM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.4 | 1.1 |
| 02:30 AM - 02:35 AM | 43.7 | 42.2 | 1.5 | 4.5 | - | 42.2 | 41.5 | 0.7 |
| 02:35 AM - 02:40 AM | 44.3 | 42.8 | 1.5 | 4.5 | - | 42.8 | 41.7 | 1.1 |
| 02:40 AM - 02:45 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 42.4 | 1.6 |
| 02:45 AM - 02:50 AM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 41.7 | 1.0 |
| 02:50 AM - 02:55 AM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 41.4 | 1.3 |
| 02:55 AM - 03:00 AM | 44.3 | 42.8 | 1.5 | 4.5 | - | 42.8 | 41.6 | 1.2 |
| 03:00 AM - 03:05 AM | 43.9 | 42.4 | 1.5 | 4.5 | - | 42.4 | 41.5 | 0.9 |
| 03:05 AM - 03:10 AM | 43.7 | 42.2 | 1.5 | 4.5 | - | 42.2 | 41.3 | 0.9 |
| 03:10 AM - 03:15 AM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 41.9 | 2.3 |
| 03:15 AM - 03:20 AM | 44.4 | 42.9 | 1.5 | 4.5 | - | 42.9 | 42.0 | 0.9 |
| 03:20 AM - 03:25 AM | 46.1 | 44.6 | 1.5 | 4.5 | - | 44.6 | 42.1 | 2.5 |
| 03:25 AM - 03:30 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 42.2 | 1.3 |
| 03:30 AM - 03:35 AM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 42.2 | 0.4 |
| 03:35 AM - 03:40 AM | 44.7 | 43.2 | 1.5 | 4.5 | - | 43.2 | 42.6 | 0.6 |
| 03:40 AM - 03:45 AM | 45.6 | 44.1 | 1.5 | 4.5 | - | 44.1 | 42.5 | 1.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854798-1



**Sample No.** 23128872-12
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:45 AM - 03:50 AM | 47.5 | 46.0 | 1.5 | 4.5 | - | 46.0 | 42.3 | 3.7 |
| 03:50 AM - 03:55 AM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.6 | 0.9 |
| 03:55 AM - 04:00 AM | 43.7 | 42.2 | 1.5 | 4.5 | - | 42.2 | 41.5 | 0.7 |
| 04:00 AM - 04:05 AM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 41.4 | 1.2 |
| 04:05 AM - 04:10 AM | 54.4 | 52.9 | 1.5 | 4.5 | - | 52.9 | 42.0 | 10.9 |
| 04:10 AM - 04:15 AM | 43.8 | 42.3 | 1.5 | 4.5 | - | 42.3 | 41.6 | 0.7 |
| 04:15 AM - 04:20 AM | 44.7 | 43.2 | 1.5 | 4.5 | - | 43.2 | 41.9 | 1.3 |
| 04:20 AM - 04:25 AM | 46.0 | 44.5 | 1.5 | 4.5 | - | 44.5 | 42.2 | 2.3 |
| 04:25 AM - 04:30 AM | 45.8 | 44.3 | 1.5 | 4.5 | - | 44.3 | 42.4 | 1.9 |
| 04:30 AM - 04:35 AM | 47.0 | 45.5 | 1.5 | 4.5 | - | 45.5 | 42.7 | 2.8 |
| 04:35 AM - 04:40 AM | 54.6 | 53.1 | 1.5 | 4.5 | - | 53.1 | 42.8 | 10.3 |
| 04:40 AM - 04:45 AM | 47.0 | 45.5 | 1.5 | 4.5 | - | 45.5 | 42.8 | 2.7 |
| 04:45 AM - 04:50 AM | 51.1 | 49.6 | 1.5 | 4.5 | - | 49.6 | 42.6 | 7.0 |
| 04:50 AM - 04:55 AM | 51.9 | 50.4 | 1.5 | 4.5 | - | 50.4 | 43.1 | 7.3 |
| 04:55 AM - 05:00 AM | 53.4 | 51.9 | 1.5 | 4.5 | - | 51.9 | 43.3 | 8.6 |
| 05:00 AM - 05:05 AM | 47.7 | 46.2 | 1.5 | 4.5 | - | 46.2 | 42.9 | 3.3 |
| 05:05 AM - 05:10 AM | 54.3 | 52.8 | 1.5 | 4.5 | - | 52.8 | 43.2 | 9.6 |
| 05:10 AM - 05:15 AM | 54.5 | 53.0 | 1.5 | 4.5 | - | 53.0 | 44.2 | 8.8 |
| 05:15 AM - 05:20 AM | 50.0 | 48.5 | 1.5 | 4.5 | - | 48.5 | 44.9 | 3.6 |
| 05:20 AM - 05:25 AM | 50.7 | 49.2 | 1.5 | 4.5 | - | 49.2 | 45.2 | 4.0 |
| 05:25 AM - 05:30 AM | 53.3 | 51.8 | 1.5 | 4.5 | - | 51.8 | 45.1 | 6.7 |
| 05:30 AM - 05:35 AM | 53.4 | 51.9 | 1.5 | 4.5 | - | 51.9 | 44.3 | 7.6 |
| 05:35 AM - 05:40 AM | 57.4 | 55.9 | 1.5 | 4.5 | - | 55.9 | 45.1 | 10.8 |
| 05:40 AM - 05:45 AM | 56.6 | 55.1 | 1.5 | 4.5 | - | 55.1 | 44.2 | 10.9 |
| 05:45 AM - 05:50 AM | 55.1 | 53.6 | 1.5 | 4.5 | - | 53.6 | 44.1 | 9.5 |
| 05:50 AM - 05:55 AM | 56.7 | 55.2 | 1.5 | 4.5 | - | 55.2 | 44.5 | 10.7 |
| 05:55 AM - 06:00 AM | 56.2 | 54.7 | 1.5 | 4.5 | - | 54.7 | 45.1 | 9.6 |
| 06:00 AM - 07:00 AM | 56.3 | 54.8 | 1.5 | 4.5 | 51.8 | - | 44.7 | 7.1 |
| 07:00 AM - 08:00 AM | 53.4 | 51.9 | 1.5 | 4.5 | 48.9 | - | 44.2 | 4.7 |
| 08:00 AM - 09:00 AM | 61.4 | 59.9 | 1.5 | 4.5 | 56.9 | - | 45.6 | 11.3 |
| 09:00 AM - 10:00 AM | 52.9 | 51.4 | 1.5 | 4.5 | 48.4 | - | 44.7 | 3.7 |
| 10:00 AM - 11:00 AM | 54.1 | 52.6 | 1.5 | 4.5 | 49.6 | - | 45.2 | 4.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 27-28 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-12 วันที่ตรวจวัด 27-28 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854799-1



**Sample No.** 23128872-13
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 56.2 | 54.7 | 1.5 | 4.5 | 51.7 | - | 45.9 | 5.8 |
| 12:00 PM - 01:00 PM | 53.0 | 51.5 | 1.5 | 4.5 | 48.5 | - | 45.2 | 3.3 |
| 01:00 PM - 02:00 PM | 52.8 | 51.3 | 1.5 | 4.5 | 48.3 | - | 45.2 | 3.1 |
| 02:00 PM - 03:00 PM | 56.4 | 54.9 | 1.5 | 4.5 | 51.9 | - | 45.0 | 6.9 |
| 03:00 PM - 04:00 PM | 51.8 | 50.3 | 1.5 | 4.5 | 47.3 | - | 43.3 | 4.0 |
| 04:00 PM - 05:00 PM | 52.3 | 50.8 | 1.5 | 4.5 | 47.8 | - | 44.1 | 3.7 |
| 05:00 PM - 06:00 PM | 53.6 | 52.1 | 1.5 | 4.5 | 49.1 | - | 44.4 | 4.7 |
| 06:00 PM - 07:00 PM | 52.2 | 50.7 | 1.5 | 4.5 | 47.7 | - | 45.1 | 2.6 |
| 07:00 PM - 08:00 PM | 50.4 | 48.9 | 1.5 | 4.5 | 45.9 | - | 45.5 | 0.4 |
| 08:00 PM - 09:00 PM | 49.2 | 47.7 | 1.5 | 4.5 | 44.7 | - | 43.3 | 1.4 |
| 09:00 PM - 10:00 PM | 48.5 | 47.0 | 1.5 | 4.5 | 44.0 | - | 43.1 | 0.9 |
| 10:00 PM - 10:05 PM | 48.4 | 46.9 | 1.5 | 4.5 | - | 46.9 | 42.7 | 4.2 |
| 10:05 PM - 10:10 PM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 42.6 | 1.1 |
| 10:10 PM - 10:15 PM | 52.6 | 51.1 | 1.5 | 4.5 | - | 51.1 | 42.9 | 8.2 |
| 10:15 PM - 10:20 PM | 45.8 | 44.3 | 1.5 | 4.5 | - | 44.3 | 42.8 | 1.5 |
| 10:20 PM - 10:25 PM | 46.7 | 45.2 | 1.5 | 4.5 | - | 45.2 | 43.0 | 2.2 |
| 10:25 PM - 10:30 PM | 44.9 | 43.4 | 1.5 | 4.5 | - | 43.4 | 42.6 | 0.8 |
| 10:30 PM - 10:35 PM | 48.1 | 46.6 | 1.5 | 4.5 | - | 46.6 | 42.9 | 3.7 |
| 10:35 PM - 10:40 PM | 50.6 | 49.1 | 1.5 | 4.5 | - | 49.1 | 43.2 | 5.9 |
| 10:40 PM - 10:45 PM | 48.9 | 47.4 | 1.5 | 4.5 | - | 47.4 | 43.3 | 4.1 |
| 10:45 PM - 10:50 PM | 45.4 | 43.9 | 1.5 | 4.5 | - | 43.9 | 42.5 | 1.4 |
| 10:50 PM - 10:55 PM | 48.6 | 47.1 | 1.5 | 4.5 | - | 47.1 | 43.0 | 4.1 |
| 10:55 PM - 11:00 PM | 46.5 | 45.0 | 1.5 | 4.5 | - | 45.0 | 42.4 | 2.6 |
| 11:00 PM - 11:05 PM | 46.1 | 44.6 | 1.5 | 4.5 | - | 44.6 | 42.6 | 2.0 |
| 11:05 PM - 11:10 PM | 44.9 | 43.4 | 1.5 | 4.5 | - | 43.4 | 42.8 | 0.6 |
| 11:10 PM - 11:15 PM | 45.4 | 43.9 | 1.5 | 4.5 | - | 43.9 | 42.2 | 1.7 |
| 11:15 PM - 11:20 PM | 46.4 | 44.9 | 1.5 | 4.5 | - | 44.9 | 42.5 | 2.4 |
| 11:20 PM - 11:25 PM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 42.5 | 1.2 |
| 11:25 PM - 11:30 PM | 44.7 | 43.2 | 1.5 | 4.5 | - | 43.2 | 42.4 | 0.8 |
| 11:30 PM - 11:35 PM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 42.1 | 0.6 |
| 11:35 PM - 11:40 PM | 45.4 | 43.9 | 1.5 | 4.5 | - | 43.9 | 42.2 | 1.7 |
| 11:40 PM - 11:45 PM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 41.4 | 2.8 |
| 11:45 PM - 11:50 PM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 41.4 | 2.4 |
| 11:50 PM - 11:55 PM | 43.8 | 42.3 | 1.5 | 4.5 | - | 42.3 | 40.2 | 2.1 |
| 11:55 PM - 12:00 AM | 47.4 | 45.9 | 1.5 | 4.5 | - | 45.9 | 40.8 | 5.1 |
| 12:00 AM - 12:05 AM | 44.3 | 42.8 | 1.5 | 4.5 | - | 42.8 | 40.8 | 2.0 |
| 12:05 AM - 12:10 AM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.2 | 1.3 |
| 12:10 AM - 12:15 AM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 41.1 | 2.6 |
| 12:15 AM - 12:20 AM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 40.8 | 1.8 |
| 12:20 AM - 12:25 AM | 42.7 | 41.2 | 1.5 | 4.5 | - | 41.2 | 40.7 | 0.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854799-1



**Sample No.** 23128872-13
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:25 AM - 12:30 AM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 40.6 | 3.2 |
| 12:30 AM - 12:35 AM | 43.3 | 41.8 | 1.5 | 4.5 | - | 41.8 | 40.8 | 1.0 |
| 12:35 AM - 12:40 AM | 42.5 | 41.0 | 1.5 | 4.5 | - | 41.0 | 40.4 | 0.6 |
| 12:40 AM - 12:45 AM | 43.0 | 41.5 | 1.5 | 4.5 | - | 41.5 | 40.4 | 1.1 |
| 12:45 AM - 12:50 AM | 42.3 | 40.8 | 1.5 | 4.5 | - | 40.8 | 40.2 | 0.6 |
| 12:50 AM - 12:55 AM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 40.3 | 3.5 |
| 12:55 AM - 01:00 AM | 42.1 | 40.6 | 1.5 | 4.5 | - | 40.6 | 40.0 | 0.6 |
| 01:00 AM - 01:05 AM | 42.7 | 41.2 | 1.5 | 4.5 | - | 41.2 | 40.1 | 1.1 |
| 01:05 AM - 01:10 AM | 50.8 | 49.3 | 1.5 | 4.5 | - | 49.3 | 40.3 | 9.0 |
| 01:10 AM - 01:15 AM | 50.8 | 49.3 | 1.5 | 4.5 | - | 49.3 | 40.0 | 9.3 |
| 01:15 AM - 01:20 AM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 40.6 | 3.1 |
| 01:20 AM - 01:25 AM | 43.0 | 41.5 | 1.5 | 4.5 | - | 41.5 | 40.4 | 1.1 |
| 01:25 AM - 01:30 AM | 43.6 | 42.1 | 1.5 | 4.5 | - | 42.1 | 40.3 | 1.8 |
| 01:30 AM - 01:35 AM | 45.1 | 43.6 | 1.5 | 4.5 | - | 43.6 | 40.7 | 2.9 |
| 01:35 AM - 01:40 AM | 43.4 | 41.9 | 1.5 | 4.5 | - | 41.9 | 40.2 | 1.7 |
| 01:40 AM - 01:45 AM | 43.7 | 42.2 | 1.5 | 4.5 | - | 42.2 | 40.3 | 1.9 |
| 01:45 AM - 01:50 AM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 40.3 | 2.3 |
| 01:50 AM - 01:55 AM | 43.4 | 41.9 | 1.5 | 4.5 | - | 41.9 | 40.5 | 1.4 |
| 01:55 AM - 02:00 AM | 46.0 | 44.5 | 1.5 | 4.5 | - | 44.5 | 40.5 | 4.0 |
| 02:00 AM - 02:05 AM | 43.7 | 42.2 | 1.5 | 4.5 | - | 42.2 | 40.8 | 1.4 |
| 02:05 AM - 02:10 AM | 44.7 | 43.2 | 1.5 | 4.5 | - | 43.2 | 40.5 | 2.7 |
| 02:10 AM - 02:15 AM | 42.7 | 41.2 | 1.5 | 4.5 | - | 41.2 | 40.5 | 0.7 |
| 02:15 AM - 02:20 AM | 44.8 | 43.3 | 1.5 | 4.5 | - | 43.3 | 40.4 | 2.9 |
| 02:20 AM - 02:25 AM | 43.3 | 41.8 | 1.5 | 4.5 | - | 41.8 | 40.2 | 1.6 |
| 02:25 AM - 02:30 AM | 42.8 | 41.3 | 1.5 | 4.5 | - | 41.3 | 40.5 | 0.8 |
| 02:30 AM - 02:35 AM | 42.3 | 40.8 | 1.5 | 4.5 | - | 40.8 | 40.1 | 0.7 |
| 02:35 AM - 02:40 AM | 42.6 | 41.1 | 1.5 | 4.5 | - | 41.1 | 40.5 | 0.6 |
| 02:40 AM - 02:45 AM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 40.8 | 2.9 |
| 02:45 AM - 02:50 AM | 42.4 | 40.9 | 1.5 | 4.5 | - | 40.9 | 40.4 | 0.5 |
| 02:50 AM - 02:55 AM | 42.4 | 40.9 | 1.5 | 4.5 | - | 40.9 | 40.3 | 0.6 |
| 02:55 AM - 03:00 AM | 42.9 | 41.4 | 1.5 | 4.5 | - | 41.4 | 40.4 | 1.0 |
| 03:00 AM - 03:05 AM | 42.8 | 41.3 | 1.5 | 4.5 | - | 41.3 | 40.5 | 0.8 |
| 03:05 AM - 03:10 AM | 45.4 | 43.9 | 1.5 | 4.5 | - | 43.9 | 41.6 | 2.3 |
| 03:10 AM - 03:15 AM | 45.4 | 43.9 | 1.5 | 4.5 | - | 43.9 | 41.9 | 2.0 |
| 03:15 AM - 03:20 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 41.5 | 2.0 |
| 03:20 AM - 03:25 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 41.4 | 2.6 |
| 03:25 AM - 03:30 AM | 43.3 | 41.8 | 1.5 | 4.5 | - | 41.8 | 40.8 | 1.0 |
| 03:30 AM - 03:35 AM | 44.4 | 42.9 | 1.5 | 4.5 | - | 42.9 | 40.9 | 2.0 |
| 03:35 AM - 03:40 AM | 52.0 | 50.5 | 1.5 | 4.5 | - | 50.5 | 41.7 | 8.8 |
| 03:40 AM - 03:45 AM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 41.1 | 0.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854799-1



**Sample No.** 23128872-13
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:45 AM - 03:50 AM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 41.4 | 1.3 |
| 03:50 AM - 03:55 AM | 49.9 | 48.4 | 1.5 | 4.5 | - | 48.4 | 41.0 | 7.4 |
| 03:55 AM - 04:00 AM | 52.0 | 50.5 | 1.5 | 4.5 | - | 50.5 | 41.1 | 9.4 |
| 04:00 AM - 04:05 AM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.1 | 1.4 |
| 04:05 AM - 04:10 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 41.8 | 1.7 |
| 04:10 AM - 04:15 AM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 41.8 | 1.9 |
| 04:15 AM - 04:20 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 42.0 | 1.5 |
| 04:20 AM - 04:25 AM | 53.0 | 51.5 | 1.5 | 4.5 | - | 51.5 | 42.7 | 8.8 |
| 04:25 AM - 04:30 AM | 46.2 | 44.7 | 1.5 | 4.5 | - | 44.7 | 42.8 | 1.9 |
| 04:30 AM - 04:35 AM | 47.7 | 46.2 | 1.5 | 4.5 | - | 46.2 | 42.9 | 3.3 |
| 04:35 AM - 04:40 AM | 46.8 | 45.3 | 1.5 | 4.5 | - | 45.3 | 42.7 | 2.6 |
| 04:40 AM - 04:45 AM | 53.8 | 52.3 | 1.5 | 4.5 | - | 52.3 | 42.6 | 9.7 |
| 04:45 AM - 04:50 AM | 53.4 | 51.9 | 1.5 | 4.5 | - | 51.9 | 42.2 | 9.7 |
| 04:50 AM - 04:55 AM | 55.6 | 54.1 | 1.5 | 4.5 | - | 54.1 | 42.2 | 11.9 |
| 04:55 AM - 05:00 AM | 54.2 | 52.7 | 1.5 | 4.5 | - | 52.7 | 42.5 | 10.2 |
| 05:00 AM - 05:05 AM | 52.2 | 50.7 | 1.5 | 4.5 | - | 50.7 | 41.7 | 9.0 |
| 05:05 AM - 05:10 AM | 52.7 | 51.2 | 1.5 | 4.5 | - | 51.2 | 42.2 | 9.0 |
| 05:10 AM - 05:15 AM | 54.4 | 52.9 | 1.5 | 4.5 | - | 52.9 | 43.2 | 9.7 |
| 05:15 AM - 05:20 AM | 55.7 | 54.2 | 1.5 | 4.5 | - | 54.2 | 43.2 | 11.0 |
| 05:20 AM - 05:25 AM | 51.8 | 50.3 | 1.5 | 4.5 | - | 50.3 | 43.8 | 6.5 |
| 05:25 AM - 05:30 AM | 51.9 | 50.4 | 1.5 | 4.5 | - | 50.4 | 44.3 | 6.1 |
| 05:30 AM - 05:35 AM | 57.9 | 56.4 | 1.5 | 4.5 | - | 56.4 | 44.7 | 11.7 |
| 05:35 AM - 05:40 AM | 56.3 | 54.8 | 1.5 | 4.5 | - | 54.8 | 44.9 | 9.9 |
| 05:40 AM - 05:45 AM | 50.8 | 49.3 | 1.5 | 4.5 | - | 49.3 | 44.8 | 4.5 |
| 05:45 AM - 05:50 AM | 55.4 | 53.9 | 1.5 | 4.5 | - | 53.9 | 44.9 | 9.0 |
| 05:50 AM - 05:55 AM | 56.6 | 55.1 | 1.5 | 4.5 | - | 55.1 | 45.3 | 9.8 |
| 05:55 AM - 06:00 AM | 57.1 | 55.6 | 1.5 | 4.5 | - | 55.6 | 46.2 | 9.4 |
| 06:00 AM - 07:00 AM | 56.0 | 54.5 | 1.5 | 4.5 | 51.5 | - | 45.3 | 6.2 |
| 07:00 AM - 08:00 AM | 55.3 | 53.8 | 1.5 | 4.5 | 50.8 | - | 44.1 | 6.7 |
| 08:00 AM - 09:00 AM | 60.1 | 58.6 | 1.5 | 4.5 | 55.6 | - | 43.8 | 11.8 |
| 09:00 AM - 10:00 AM | 51.5 | 50.0 | 1.5 | 4.5 | 47.0 | - | 43.3 | 3.7 |
| 10:00 AM - 11:00 AM | 52.4 | 50.9 | 1.5 | 4.5 | 47.9 | - | 44.3 | 3.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-13 วันที่ตรวจวัด 28-29 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854800-1



**Sample No.** 23128872-14
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 53.8 | 52.3 | 1.5 | 4.5 | 49.3 | - | 44.3 | 5.0 |
| 12:00 PM - 01:00 PM | 53.1 | 51.6 | 1.5 | 4.5 | 48.6 | - | 44.6 | 4.0 |
| 01:00 PM - 02:00 PM | 58.0 | 56.5 | 1.5 | 4.5 | 53.5 | - | 43.7 | 9.8 |
| 02:00 PM - 03:00 PM | 53.9 | 52.4 | 1.5 | 4.5 | 49.4 | - | 44.1 | 5.3 |
| 03:00 PM - 04:00 PM | 54.0 | 52.5 | 1.5 | 4.5 | 49.5 | - | 43.4 | 6.1 |
| 04:00 PM - 05:00 PM | 53.2 | 51.7 | 1.5 | 4.5 | 48.7 | - | 43.1 | 5.6 |
| 05:00 PM - 06:00 PM | 52.6 | 51.1 | 1.5 | 4.5 | 48.1 | - | 43.8 | 4.3 |
| 06:00 PM - 07:00 PM | 50.9 | 49.4 | 1.5 | 4.5 | 46.4 | - | 44.9 | 1.5 |
| 07:00 PM - 08:00 PM | 49.6 | 48.1 | 1.5 | 4.5 | 45.1 | - | 44.4 | 0.7 |
| 08:00 PM - 09:00 PM | 48.8 | 47.3 | 1.5 | 4.5 | 44.3 | - | 43.0 | 1.3 |
| 09:00 PM - 10:00 PM | 46.7 | 45.2 | 1.5 | 4.5 | 42.2 | - | 42.4 | -0.2 |
| 10:00 PM - 10:05 PM | 45.4 | 43.9 | 1.5 | 4.5 | - | 43.9 | 42.5 | 1.4 |
| 10:05 PM - 10:10 PM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 42.3 | 1.7 |
| 10:10 PM - 10:15 PM | 44.6 | 43.1 | 1.5 | 4.5 | - | 43.1 | 41.9 | 1.2 |
| 10:15 PM - 10:20 PM | 44.3 | 42.8 | 1.5 | 4.5 | - | 42.8 | 42.0 | 0.8 |
| 10:20 PM - 10:25 PM | 45.9 | 44.4 | 1.5 | 4.5 | - | 44.4 | 41.7 | 2.7 |
| 10:25 PM - 10:30 PM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 41.5 | 1.1 |
| 10:30 PM - 10:35 PM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 41.3 | 1.7 |
| 10:35 PM - 10:40 PM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 41.5 | 1.5 |
| 10:40 PM - 10:45 PM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 41.6 | 1.0 |
| 10:45 PM - 10:50 PM | 45.4 | 43.9 | 1.5 | 4.5 | - | 43.9 | 41.0 | 2.9 |
| 10:50 PM - 10:55 PM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 41.3 | 1.3 |
| 10:55 PM - 11:00 PM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 41.3 | 2.5 |
| 11:00 PM - 11:05 PM | 46.0 | 44.5 | 1.5 | 4.5 | - | 44.5 | 41.4 | 3.1 |
| 11:05 PM - 11:10 PM | 43.7 | 42.2 | 1.5 | 4.5 | - | 42.2 | 41.4 | 0.8 |
| 11:10 PM - 11:15 PM | 44.7 | 43.2 | 1.5 | 4.5 | - | 43.2 | 41.6 | 1.6 |
| 11:15 PM - 11:20 PM | 44.4 | 42.9 | 1.5 | 4.5 | - | 42.9 | 40.8 | 2.1 |
| 11:20 PM - 11:25 PM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 40.5 | 2.2 |
| 11:25 PM - 11:30 PM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 41.5 | 2.2 |
| 11:30 PM - 11:35 PM | 44.3 | 42.8 | 1.5 | 4.5 | - | 42.8 | 41.6 | 1.2 |
| 11:35 PM - 11:40 PM | 44.4 | 42.9 | 1.5 | 4.5 | - | 42.9 | 41.5 | 1.4 |
| 11:40 PM - 11:45 PM | 43.7 | 42.2 | 1.5 | 4.5 | - | 42.2 | 41.5 | 0.7 |
| 11:45 PM - 11:50 PM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 41.1 | 0.9 |
| 11:50 PM - 11:55 PM | 44.6 | 43.1 | 1.5 | 4.5 | - | 43.1 | 40.9 | 2.2 |
| 11:55 PM - 12:00 AM | 44.8 | 43.3 | 1.5 | 4.5 | - | 43.3 | 41.8 | 1.5 |
| 12:00 AM - 12:05 AM | 43.9 | 42.4 | 1.5 | 4.5 | - | 42.4 | 41.6 | 0.8 |
| 12:05 AM - 12:10 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 42.0 | 1.5 |
| 12:10 AM - 12:15 AM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 41.9 | 1.9 |
| 12:15 AM - 12:20 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 42.0 | 1.5 |
| 12:20 AM - 12:25 AM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 41.8 | 0.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854800-1



**Sample No.** 23128872-14
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:25 AM - 12:30 AM | 54.8 | 53.3 | 1.5 | 4.5 | - | 53.3 | 41.7 | 11.6 |
| 12:30 AM - 12:35 AM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.6 | 0.9 |
| 12:35 AM - 12:40 AM | 52.0 | 50.5 | 1.5 | 4.5 | - | 50.5 | 41.8 | 8.7 |
| 12:40 AM - 12:45 AM | 50.6 | 49.1 | 1.5 | 4.5 | - | 49.1 | 41.7 | 7.4 |
| 12:45 AM - 12:50 AM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 41.9 | 1.9 |
| 12:50 AM - 12:55 AM | 51.1 | 49.6 | 1.5 | 4.5 | - | 49.6 | 41.9 | 7.7 |
| 12:55 AM - 01:00 AM | 56.0 | 54.5 | 1.5 | 4.5 | - | 54.5 | 44.5 | 10.0 |
| 01:00 AM - 01:05 AM | 44.6 | 43.1 | 1.5 | 4.5 | - | 43.1 | 41.7 | 1.4 |
| 01:05 AM - 01:10 AM | 47.4 | 45.9 | 1.5 | 4.5 | - | 45.9 | 42.2 | 3.7 |
| 01:10 AM - 01:15 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 42.2 | 1.8 |
| 01:15 AM - 01:20 AM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 41.9 | 1.1 |
| 01:20 AM - 01:25 AM | 44.4 | 42.9 | 1.5 | 4.5 | - | 42.9 | 41.8 | 1.1 |
| 01:25 AM - 01:30 AM | 45.6 | 44.1 | 1.5 | 4.5 | - | 44.1 | 41.3 | 2.8 |
| 01:30 AM - 01:35 AM | 45.6 | 44.1 | 1.5 | 4.5 | - | 44.1 | 41.5 | 2.6 |
| 01:35 AM - 01:40 AM | 44.0 | 42.5 | 1.5 | 4.5 | - | 42.5 | 41.1 | 1.4 |
| 01:40 AM - 01:45 AM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 41.0 | 2.0 |
| 01:45 AM - 01:50 AM | 42.5 | 41.0 | 1.5 | 4.5 | - | 41.0 | 40.4 | 0.6 |
| 01:50 AM - 01:55 AM | 43.0 | 41.5 | 1.5 | 4.5 | - | 41.5 | 40.9 | 0.6 |
| 01:55 AM - 02:00 AM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 41.2 | 0.8 |
| 02:00 AM - 02:05 AM | 43.6 | 42.1 | 1.5 | 4.5 | - | 42.1 | 41.1 | 1.0 |
| 02:05 AM - 02:10 AM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 41.3 | 2.5 |
| 02:10 AM - 02:15 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 41.1 | 2.4 |
| 02:15 AM - 02:20 AM | 43.6 | 42.1 | 1.5 | 4.5 | - | 42.1 | 41.1 | 1.0 |
| 02:20 AM - 02:25 AM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 41.0 | 1.0 |
| 02:25 AM - 02:30 AM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 40.9 | 1.1 |
| 02:30 AM - 02:35 AM | 43.2 | 41.7 | 1.5 | 4.5 | - | 41.7 | 41.0 | 0.7 |
| 02:35 AM - 02:40 AM | 43.8 | 42.3 | 1.5 | 4.5 | - | 42.3 | 41.2 | 1.1 |
| 02:40 AM - 02:45 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 41.9 | 1.6 |
| 02:45 AM - 02:50 AM | 43.7 | 42.2 | 1.5 | 4.5 | - | 42.2 | 41.2 | 1.0 |
| 02:50 AM - 02:55 AM | 43.7 | 42.2 | 1.5 | 4.5 | - | 42.2 | 40.9 | 1.3 |
| 02:55 AM - 03:00 AM | 43.8 | 42.3 | 1.5 | 4.5 | - | 42.3 | 41.1 | 1.2 |
| 03:00 AM - 03:05 AM | 43.4 | 41.9 | 1.5 | 4.5 | - | 41.9 | 41.0 | 0.9 |
| 03:05 AM - 03:10 AM | 43.2 | 41.7 | 1.5 | 4.5 | - | 41.7 | 40.8 | 0.9 |
| 03:10 AM - 03:15 AM | 45.2 | 43.7 | 1.5 | 4.5 | - | 43.7 | 41.4 | 2.3 |
| 03:15 AM - 03:20 AM | 43.9 | 42.4 | 1.5 | 4.5 | - | 42.4 | 41.5 | 0.9 |
| 03:20 AM - 03:25 AM | 45.6 | 44.1 | 1.5 | 4.5 | - | 44.1 | 41.6 | 2.5 |
| 03:25 AM - 03:30 AM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 41.7 | 1.3 |
| 03:30 AM - 03:35 AM | 43.6 | 42.1 | 1.5 | 4.5 | - | 42.1 | 41.7 | 0.4 |
| 03:35 AM - 03:40 AM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 42.1 | 0.6 |
| 03:40 AM - 03:45 AM | 45.1 | 43.6 | 1.5 | 4.5 | - | 43.6 | 42.0 | 1.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854800-1



**Sample No.** 23128872-14
**Parameter** เสียงรบกวน
**Location** วัดหินโค่ง (N2) (GPS 47P 0755482, 1424168)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120936

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:45 AM - 03:50 AM | 47.0 | 45.5 | 1.5 | 4.5 | - | 45.5 | 41.8 | 3.7 |
| 03:50 AM - 03:55 AM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 41.1 | 0.9 |
| 03:55 AM - 04:00 AM | 43.2 | 41.7 | 1.5 | 4.5 | - | 41.7 | 41.0 | 0.7 |
| 04:00 AM - 04:05 AM | 43.6 | 42.1 | 1.5 | 4.5 | - | 42.1 | 40.9 | 1.2 |
| 04:05 AM - 04:10 AM | 53.9 | 52.4 | 1.5 | 4.5 | - | 52.4 | 41.5 | 10.9 |
| 04:10 AM - 04:15 AM | 43.3 | 41.8 | 1.5 | 4.5 | - | 41.8 | 41.1 | 0.7 |
| 04:15 AM - 04:20 AM | 44.2 | 42.7 | 1.5 | 4.5 | - | 42.7 | 41.4 | 1.3 |
| 04:20 AM - 04:25 AM | 45.5 | 44.0 | 1.5 | 4.5 | - | 44.0 | 41.7 | 2.3 |
| 04:25 AM - 04:30 AM | 45.3 | 43.8 | 1.5 | 4.5 | - | 43.8 | 41.9 | 1.9 |
| 04:30 AM - 04:35 AM | 46.5 | 45.0 | 1.5 | 4.5 | - | 45.0 | 42.2 | 2.8 |
| 04:35 AM - 04:40 AM | 54.1 | 52.6 | 1.5 | 4.5 | - | 52.6 | 42.3 | 10.3 |
| 04:40 AM - 04:45 AM | 46.5 | 45.0 | 1.5 | 4.5 | - | 45.0 | 42.3 | 2.7 |
| 04:45 AM - 04:50 AM | 50.6 | 49.1 | 1.5 | 4.5 | - | 49.1 | 42.1 | 7.0 |
| 04:50 AM - 04:55 AM | 51.4 | 49.9 | 1.5 | 4.5 | - | 49.9 | 42.6 | 7.3 |
| 04:55 AM - 05:00 AM | 52.9 | 51.4 | 1.5 | 4.5 | - | 51.4 | 42.8 | 8.6 |
| 05:00 AM - 05:05 AM | 47.2 | 45.7 | 1.5 | 4.5 | - | 45.7 | 42.4 | 3.3 |
| 05:05 AM - 05:10 AM | 53.8 | 52.3 | 1.5 | 4.5 | - | 52.3 | 42.7 | 9.6 |
| 05:10 AM - 05:15 AM | 54.0 | 52.5 | 1.5 | 4.5 | - | 52.5 | 43.7 | 8.8 |
| 05:15 AM - 05:20 AM | 49.5 | 48.0 | 1.5 | 4.5 | - | 48.0 | 44.4 | 3.6 |
| 05:20 AM - 05:25 AM | 50.2 | 48.7 | 1.5 | 4.5 | - | 48.7 | 44.7 | 4.0 |
| 05:25 AM - 05:30 AM | 52.8 | 51.3 | 1.5 | 4.5 | - | 51.3 | 44.6 | 6.7 |
| 05:30 AM - 05:35 AM | 52.9 | 51.4 | 1.5 | 4.5 | - | 51.4 | 43.8 | 7.6 |
| 05:35 AM - 05:40 AM | 56.9 | 55.4 | 1.5 | 4.5 | - | 55.4 | 44.6 | 10.8 |
| 05:40 AM - 05:45 AM | 56.1 | 54.6 | 1.5 | 4.5 | - | 54.6 | 43.7 | 10.9 |
| 05:45 AM - 05:50 AM | 54.6 | 53.1 | 1.5 | 4.5 | - | 53.1 | 43.6 | 9.5 |
| 05:50 AM - 05:55 AM | 56.2 | 54.7 | 1.5 | 4.5 | - | 54.7 | 44.0 | 10.7 |
| 05:55 AM - 06:00 AM | 55.7 | 54.2 | 1.5 | 4.5 | - | 54.2 | 44.6 | 9.6 |
| 06:00 AM - 07:00 AM | 55.8 | 54.3 | 1.5 | 4.5 | 51.3 | - | 44.2 | 7.1 |
| 07:00 AM - 08:00 AM | 52.9 | 51.4 | 1.5 | 4.5 | 48.4 | - | 43.7 | 4.7 |
| 08:00 AM - 09:00 AM | 60.9 | 59.4 | 1.5 | 4.5 | 56.4 | - | 45.1 | 11.3 |
| 09:00 AM - 10:00 AM | 52.4 | 50.9 | 1.5 | 4.5 | 47.9 | - | 44.2 | 3.7 |
| 10:00 AM - 11:00 AM | 53.6 | 52.1 | 1.5 | 4.5 | 49.1 | - | 44.7 | 4.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-14 วันที่ตรวจวัด 29-30 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854801-1



**Sample No.** 23128872-15
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 10:00 AM - 11:00 AM | 55.5 | 53.3 | 2.2 | 4.5 | 51.0 | - | 38.8 | 12.2 |
| 11:00 AM - 12:00 PM | 53.5 | 51.5 | 2.0 | 4.5 | 49.0 | - | 43.2 | 5.8 |
| 12:00 PM - 01:00 PM | 51.6 | 51.0 | 0.6 | 7.0 | 44.6 | - | 42.5 | 2.1 |
| 01:00 PM - 02:00 PM | 54.2 | 50.8 | 3.4 | 3.0 | 51.2 | - | 34.2 | 17.0 |
| 02:00 PM - 03:00 PM | 55.1 | 52.7 | 2.4 | 4.5 | 50.6 | - | 34.1 | 16.5 |
| 03:00 PM - 04:00 PM | 54.9 | 52.2 | 2.7 | 3.0 | 51.9 | - | 34.1 | 17.8 |
| 04:00 PM - 05:00 PM | 56.9 | 54.6 | 2.3 | 4.5 | 52.4 | - | 36.8 | 15.6 |
| 05:00 PM - 06:00 PM | 56.6 | 54.9 | 1.7 | 4.5 | 52.1 | - | 39.1 | 13.0 |
| 06:00 PM - 07:00 PM | 56.4 | 53.7 | 2.7 | 3.0 | 53.4 | - | 45.1 | 8.3 |
| 07:00 PM - 08:00 PM | 55.8 | 52.4 | 3.4 | 3.0 | 52.8 | - | 45.9 | 6.9 |
| 08:00 PM - 09:00 PM | 54.3 | 51.5 | 2.8 | 3.0 | 51.3 | - | 45.1 | 6.2 |
| 09:00 PM - 10:00 PM | 56.6 | 49.6 | 7.0 | 1.0 | 55.6 | - | 41.7 | 13.9 |
| 10:00 PM - 10:05 PM | 56.6 | 45.8 | 10.8 | 0.5 | - | 59.1 | 42.7 | 16.4 |
| 10:05 PM - 10:10 PM | 56.9 | 50.7 | 6.2 | 1.5 | - | 58.4 | 42.9 | 15.5 |
| 10:10 PM - 10:15 PM | 57.6 | 49.7 | 7.9 | 0.5 | - | 60.1 | 41.0 | 19.1 |
| 10:15 PM - 10:20 PM | 56.3 | 45.0 | 11.3 | 0.5 | - | 58.8 | 40.0 | 18.8 |
| 10:20 PM - 10:25 PM | 55.9 | 43.0 | 12.9 | 0.0 | - | 58.9 | 40.1 | 18.8 |
| 10:25 PM - 10:30 PM | 56.2 | 45.2 | 11.0 | 0.5 | - | 58.7 | 40.1 | 18.6 |
| 10:30 PM - 10:35 PM | 55.9 | 42.1 | 13.8 | 0.0 | - | 58.9 | 39.1 | 19.8 |
| 10:35 PM - 10:40 PM | 55.3 | 43.6 | 11.7 | 0.5 | - | 57.8 | 39.8 | 18.0 |
| 10:40 PM - 10:45 PM | 55.7 | 45.8 | 9.9 | 0.5 | - | 58.2 | 40.4 | 17.8 |
| 10:45 PM - 10:50 PM | 56.2 | 45.7 | 10.5 | 0.5 | - | 58.7 | 40.0 | 18.7 |
| 10:50 PM - 10:55 PM | 56.3 | 45.3 | 11.0 | 0.5 | - | 58.8 | 39.3 | 19.5 |
| 10:55 PM - 11:00 PM | 53.6 | 43.4 | 10.2 | 0.5 | - | 56.1 | 40.7 | 15.4 |
| 11:00 PM - 11:05 PM | 55.5 | 44.3 | 11.2 | 0.5 | - | 58.0 | 40.9 | 17.1 |
| 11:05 PM - 11:10 PM | 54.5 | 44.7 | 9.8 | 0.5 | - | 57.0 | 40.2 | 16.8 |
| 11:10 PM - 11:15 PM | 53.8 | 40.4 | 13.4 | 0.0 | - | 56.8 | 39.3 | 17.5 |
| 11:15 PM - 11:20 PM | 42.5 | 41.4 | 1.1 | 7.0 | - | 38.5 | 38.5 | 0.0 |
| 11:20 PM - 11:25 PM | 44.1 | 40.4 | 3.7 | 2.0 | - | 45.1 | 37.9 | 7.2 |
| 11:25 PM - 11:30 PM | 51.3 | 46.3 | 5.0 | 1.5 | - | 52.8 | 39.1 | 13.7 |
| 11:30 PM - 11:35 PM | 53.4 | 48.2 | 5.2 | 1.5 | - | 54.9 | 38.4 | 16.5 |
| 11:35 PM - 11:40 PM | 55.1 | 42.9 | 12.2 | 0.5 | - | 57.6 | 38.2 | 19.4 |
| 11:40 PM - 11:45 PM | 51.5 | 44.9 | 6.6 | 1.0 | - | 53.5 | 37.4 | 16.1 |
| 11:45 PM - 11:50 PM | 51.4 | 41.8 | 9.6 | 0.5 | - | 53.9 | 36.5 | 17.4 |
| 11:50 PM - 11:55 PM | 51.3 | 39.5 | 11.8 | 0.5 | - | 53.8 | 36.5 | 17.3 |
| 11:55 PM - 12:00 AM | 51.6 | 50.5 | 1.1 | 7.0 | - | 47.6 | 39.0 | 8.6 |
| 12:00 AM - 12:05 AM | 55.0 | 43.9 | 11.1 | 0.5 | - | 57.5 | 38.7 | 18.8 |
| 12:05 AM - 12:10 AM | 52.5 | 49.6 | 2.9 | 3.0 | - | 52.5 | 39.1 | 13.4 |
| 12:10 AM - 12:15 AM | 51.7 | 45.8 | 5.9 | 1.5 | - | 53.2 | 39.1 | 14.1 |
| 12:15 AM - 12:20 AM | 55.2 | 40.9 | 14.3 | 0.0 | - | 58.2 | 37.7 | 20.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854801-1



**Sample No.** 23128872-15
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:20 AM - 12:25 AM | 54.5 | 42.1 | 12.4 | 0.5 | - | 57.0 | 38.3 | 18.7 |
| 12:25 AM - 12:30 AM | 55.7 | 41.3 | 14.4 | 0.0 | - | 58.7 | 37.8 | 20.9 |
| 12:30 AM - 12:35 AM | 51.5 | 43.4 | 8.1 | 0.5 | - | 54.0 | 38.1 | 15.9 |
| 12:35 AM - 12:40 AM | 50.5 | 42.0 | 8.5 | 0.5 | - | 53.0 | 38.2 | 14.8 |
| 12:40 AM - 12:45 AM | 49.1 | 42.2 | 6.9 | 1.0 | - | 51.1 | 38.4 | 12.7 |
| 12:45 AM - 12:50 AM | 49.5 | 41.7 | 7.8 | 0.5 | - | 52.0 | 38.1 | 13.9 |
| 12:50 AM - 12:55 AM | 44.3 | 43.4 | 0.9 | 7.0 | - | 40.3 | 37.8 | 2.5 |
| 12:55 AM - 01:00 AM | 46.0 | 46.7 | -0.7 | 7.0 | - | 42.0 | 37.3 | 4.7 |
| 01:00 AM - 01:05 AM | 51.6 | 44.7 | 6.9 | 1.0 | - | 53.6 | 38.9 | 14.7 |
| 01:05 AM - 01:10 AM | 52.7 | 43.1 | 9.6 | 0.5 | - | 55.2 | 38.1 | 17.1 |
| 01:10 AM - 01:15 AM | 51.5 | 48.5 | 3.0 | 3.0 | - | 51.5 | 37.6 | 13.9 |
| 01:15 AM - 01:20 AM | 52.6 | 43.9 | 8.7 | 0.5 | - | 55.1 | 38.1 | 17.0 |
| 01:20 AM - 01:25 AM | 49.9 | 42.9 | 7.0 | 1.0 | - | 51.9 | 37.1 | 14.8 |
| 01:25 AM - 01:30 AM | 47.5 | 42.1 | 5.4 | 1.5 | - | 49.0 | 35.9 | 13.1 |
| 01:30 AM - 01:35 AM | 44.7 | 42.7 | 2.0 | 4.5 | - | 43.2 | 35.1 | 8.1 |
| 01:35 AM - 01:40 AM | 38.7 | 42.5 | -3.8 | 7.0 | - | 34.7 | 34.3 | 0.4 |
| 01:40 AM - 01:45 AM | 40.7 | 42.1 | -1.4 | 7.0 | - | 36.7 | 34.5 | 2.2 |
| 01:45 AM - 01:50 AM | 43.1 | 39.4 | 3.7 | 2.0 | - | 44.1 | 34.5 | 9.6 |
| 01:50 AM - 01:55 AM | 38.9 | 38.2 | 0.7 | 7.0 | - | 34.9 | 35.5 | -0.6 |
| 01:55 AM - 02:00 AM | 38.9 | 44.0 | -5.1 | 7.0 | - | 34.9 | 36.3 | -1.4 |
| 02:00 AM - 02:05 AM | 40.2 | 44.5 | -4.3 | 7.0 | - | 36.2 | 38.3 | -2.1 |
| 02:05 AM - 02:10 AM | 50.3 | 56.5 | -6.2 | 7.0 | - | 46.3 | 38.7 | 7.6 |
| 02:10 AM - 02:15 AM | 58.2 | 45.6 | 12.6 | 0.0 | - | 61.2 | 39.5 | 21.7 |
| 02:15 AM - 02:20 AM | 46.8 | 40.8 | 6.0 | 1.5 | - | 48.3 | 37.8 | 10.5 |
| 02:20 AM - 02:25 AM | 40.4 | 42.4 | -2.0 | 7.0 | - | 36.4 | 37.2 | -0.8 |
| 02:25 AM - 02:30 AM | 43.8 | 41.4 | 2.4 | 4.5 | - | 42.3 | 37.4 | 4.9 |
| 02:30 AM - 02:35 AM | 41.7 | 40.6 | 1.1 | 7.0 | - | 37.7 | 36.7 | 1.0 |
| 02:35 AM - 02:40 AM | 40.5 | 50.7 | -10.2 | 7.0 | - | 36.5 | 35.8 | 0.7 |
| 02:40 AM - 02:45 AM | 55.0 | 60.0 | -5.0 | 7.0 | - | 51.0 | 38.3 | 12.7 |
| 02:45 AM - 02:50 AM | 62.2 | 56.1 | 6.1 | 1.5 | - | 63.7 | 36.5 | 27.2 |
| 02:50 AM - 02:55 AM | 57.6 | 43.4 | 14.2 | 0.0 | - | 60.6 | 36.5 | 24.1 |
| 02:55 AM - 03:00 AM | 39.7 | 43.5 | -3.8 | 7.0 | - | 35.7 | 35.3 | 0.4 |
| 03:00 AM - 03:05 AM | 38.9 | 43.8 | -4.9 | 7.0 | - | 34.9 | 36.3 | -1.4 |
| 03:05 AM - 03:10 AM | 42.5 | 44.6 | -2.1 | 7.0 | - | 38.5 | 35.3 | 3.2 |
| 03:10 AM - 03:15 AM | 38.7 | 44.9 | -6.2 | 7.0 | - | 34.7 | 34.4 | 0.3 |
| 03:15 AM - 03:20 AM | 41.1 | 47.7 | -6.6 | 7.0 | - | 37.1 | 36.5 | 0.6 |
| 03:20 AM - 03:25 AM | 47.4 | 47.9 | -0.5 | 7.0 | - | 43.4 | 35.2 | 8.2 |
| 03:25 AM - 03:30 AM | 47.3 | 45.8 | 1.5 | 4.5 | - | 45.8 | 33.9 | 11.9 |
| 03:30 AM - 03:35 AM | 44.3 | 44.4 | -0.1 | 7.0 | - | 40.3 | 34.3 | 6.0 |
| 03:35 AM - 03:40 AM | 38.2 | 45.1 | -6.9 | 7.0 | - | 34.2 | 35.0 | -0.8 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854801-1



**Sample No.** 23128872-15
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:40 AM - 03:45 AM | 40.3 | 46.3 | -6.0 | 7.0 | - | 36.3 | 35.8 | 0.5 |
| 03:45 AM - 03:50 AM | 45.0 | 48.0 | -3.0 | 7.0 | - | 41.0 | 36.4 | 4.6 |
| 03:50 AM - 03:55 AM | 45.5 | 47.4 | -1.9 | 7.0 | - | 41.5 | 37.0 | 4.5 |
| 03:55 AM - 04:00 AM | 48.3 | 49.5 | -1.2 | 7.0 | - | 44.3 | 36.1 | 8.2 |
| 04:00 AM - 04:05 AM | 45.3 | 44.6 | 0.7 | 7.0 | - | 41.3 | 34.5 | 6.8 |
| 04:05 AM - 04:10 AM | 44.9 | 44.2 | 0.7 | 7.0 | - | 40.9 | 35.5 | 5.4 |
| 04:10 AM - 04:15 AM | 41.1 | 45.0 | -3.9 | 7.0 | - | 37.1 | 35.2 | 1.9 |
| 04:15 AM - 04:20 AM | 47.7 | 47.1 | 0.6 | 7.0 | - | 43.7 | 35.4 | 8.3 |
| 04:20 AM - 04:25 AM | 43.0 | 47.7 | -4.7 | 7.0 | - | 39.0 | 36.1 | 2.9 |
| 04:25 AM - 04:30 AM | 46.0 | 47.2 | -1.2 | 7.0 | - | 42.0 | 36.4 | 5.6 |
| 04:30 AM - 04:35 AM | 43.5 | 48.4 | -4.9 | 7.0 | - | 39.5 | 36.5 | 3.0 |
| 04:35 AM - 04:40 AM | 44.8 | 48.9 | -4.1 | 7.0 | - | 40.8 | 36.2 | 4.6 |
| 04:40 AM - 04:45 AM | 46.3 | 48.9 | -2.6 | 7.0 | - | 42.3 | 37.1 | 5.2 |
| 04:45 AM - 04:50 AM | 44.8 | 50.2 | -5.4 | 7.0 | - | 40.8 | 37.3 | 3.5 |
| 04:50 AM - 04:55 AM | 46.5 | 49.9 | -3.4 | 7.0 | - | 42.5 | 36.9 | 5.6 |
| 04:55 AM - 05:00 AM | 43.8 | 50.5 | -6.7 | 7.0 | - | 39.8 | 37.0 | 2.8 |
| 05:00 AM - 05:05 AM | 45.7 | 52.8 | -7.1 | 7.0 | - | 41.7 | 37.2 | 4.5 |
| 05:05 AM - 05:10 AM | 51.6 | 50.8 | 0.8 | 7.0 | - | 47.6 | 37.8 | 9.8 |
| 05:10 AM - 05:15 AM | 50.0 | 63.1 | -13.1 | 7.0 | - | 46.0 | 39.3 | 6.7 |
| 05:15 AM - 05:20 AM | 65.1 | 52.6 | 12.5 | 0.0 | - | 68.1 | 39.0 | 29.1 |
| 05:20 AM - 05:25 AM | 53.8 | 54.6 | -0.8 | 7.0 | - | 49.8 | 39.1 | 10.7 |
| 05:25 AM - 05:30 AM | 47.0 | 52.7 | -5.7 | 7.0 | - | 43.0 | 39.2 | 3.8 |
| 05:30 AM - 05:35 AM | 47.0 | 53.5 | -6.5 | 7.0 | - | 43.0 | 40.5 | 2.5 |
| 05:35 AM - 05:40 AM | 50.2 | 53.6 | -3.4 | 7.0 | - | 46.2 | 41.4 | 4.8 |
| 05:40 AM - 05:45 AM | 46.6 | 54.2 | -7.6 | 7.0 | - | 42.6 | 44.5 | -1.9 |
| 05:45 AM - 05:50 AM | 50.0 | 54.6 | -4.6 | 7.0 | - | 46.0 | 51.2 | -5.2 |
| 05:50 AM - 05:55 AM | 51.3 | 55.8 | -4.5 | 7.0 | - | 47.3 | 52.0 | -4.7 |
| 05:55 AM - 06:00 AM | 54.6 | 57.2 | -2.6 | 7.0 | - | 50.6 | 52.5 | -1.9 |
| 06:00 AM - 07:00 AM | 56.1 | 60.3 | -4.2 | 7.0 | 49.1 | - | 44.6 | 4.5 |
| 07:00 AM - 08:00 AM | 59.9 | 56.0 | 3.9 | 2.0 | 57.9 | - | 42.5 | 15.4 |
| 08:00 AM - 09:00 AM | 56.5 | 54.1 | 2.4 | 4.5 | 52.0 | - | 38.4 | 13.6 |
| 09:00 AM - 10:00 AM | 52.2 | 50.6 | 1.6 | 4.5 | 47.7 | - | 38.1 | 9.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-15 วันที่ตรวจวัด 23-24 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854802-1



**Sample No.** 23128872-16
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 10:00 AM - 11:00 AM | 52.2 | 49.5 | 2.7 | 3.0 | 49.2 | - | 37.1 | 12.1 |
| 11:00 AM - 12:00 PM | 54.9 | 53.3 | 1.6 | 4.5 | 50.4 | - | 36.3 | 14.1 |
| 12:00 PM - 01:00 PM | 55.0 | 52.2 | 2.8 | 3.0 | 52.0 | - | 43.9 | 8.1 |
| 01:00 PM - 02:00 PM | 54.6 | 52.9 | 1.7 | 4.5 | 50.1 | - | 43.8 | 6.3 |
| 02:00 PM - 03:00 PM | 53.3 | 52.3 | 1.0 | 7.0 | 46.3 | - | 45.0 | 1.3 |
| 03:00 PM - 04:00 PM | 52.1 | 51.4 | 0.7 | 7.0 | 45.1 | - | 45.2 | -0.1 |
| 04:00 PM - 05:00 PM | 54.3 | 53.2 | 1.1 | 7.0 | 47.3 | - | 44.6 | 2.7 |
| 05:00 PM - 06:00 PM | 55.4 | 54.9 | 0.5 | 7.0 | 48.4 | - | 47.0 | 1.4 |
| 06:00 PM - 07:00 PM | 55.4 | 56.1 | -0.7 | 7.0 | 48.4 | - | 52.9 | -4.5 |
| 07:00 PM - 08:00 PM | 57.8 | 56.2 | 1.6 | 4.5 | 53.3 | - | 45.3 | 8.0 |
| 08:00 PM - 09:00 PM | 51.2 | 49.7 | 1.5 | 4.5 | 46.7 | - | 44.5 | 2.2 |
| 09:00 PM - 10:00 PM | 49.4 | 48.0 | 1.4 | 7.0 | 42.4 | - | 44.3 | -1.9 |
| 10:00 PM - 10:05 PM | 47.8 | 48.5 | -0.7 | 7.0 | - | 43.8 | 44.0 | -0.2 |
| 10:05 PM - 10:10 PM | 50.9 | 46.4 | 4.5 | 1.5 | - | 52.4 | 44.5 | 7.9 |
| 10:10 PM - 10:15 PM | 45.5 | 46.6 | -1.1 | 7.0 | - | 41.5 | 44.2 | -2.7 |
| 10:15 PM - 10:20 PM | 47.0 | 49.8 | -2.8 | 7.0 | - | 43.0 | 45.0 | -2.0 |
| 10:20 PM - 10:25 PM | 51.1 | 47.6 | 3.5 | 2.0 | - | 52.1 | 44.7 | 7.4 |
| 10:25 PM - 10:30 PM | 50.7 | 49.3 | 1.4 | 7.0 | - | 46.7 | 43.8 | 2.9 |
| 10:30 PM - 10:35 PM | 48.9 | 50.7 | -1.8 | 7.0 | - | 44.9 | 44.6 | 0.3 |
| 10:35 PM - 10:40 PM | 53.0 | 48.1 | 4.9 | 1.5 | - | 54.5 | 44.8 | 9.7 |
| 10:40 PM - 10:45 PM | 49.1 | 47.6 | 1.5 | 4.5 | - | 47.6 | 45.1 | 2.5 |
| 10:45 PM - 10:50 PM | 48.4 | 56.4 | -8.0 | 7.0 | - | 44.4 | 45.3 | -0.9 |
| 10:50 PM - 10:55 PM | 58.7 | 50.0 | 8.7 | 0.5 | - | 61.2 | 45.8 | 15.4 |
| 10:55 PM - 11:00 PM | 50.8 | 50.7 | 0.1 | 7.0 | - | 46.8 | 45.6 | 1.2 |
| 11:00 PM - 11:05 PM | 51.9 | 49.3 | 2.6 | 3.0 | - | 51.9 | 44.6 | 7.3 |
| 11:05 PM - 11:10 PM | 49.7 | 47.8 | 1.9 | 4.5 | - | 48.2 | 45.3 | 2.9 |
| 11:10 PM - 11:15 PM | 46.6 | 49.1 | -2.5 | 7.0 | - | 42.6 | 45.8 | -3.2 |
| 11:15 PM - 11:20 PM | 46.9 | 47.5 | -0.6 | 7.0 | - | 42.9 | 45.1 | -2.2 |
| 11:20 PM - 11:25 PM | 46.3 | 49.1 | -2.8 | 7.0 | - | 42.3 | 46.0 | -3.7 |
| 11:25 PM - 11:30 PM | 47.6 | 48.9 | -1.3 | 7.0 | - | 43.6 | 44.4 | -0.8 |
| 11:30 PM - 11:35 PM | 49.7 | 49.3 | 0.4 | 7.0 | - | 45.7 | 45.5 | 0.2 |
| 11:35 PM - 11:40 PM | 48.6 | 50.5 | -1.9 | 7.0 | - | 44.6 | 45.9 | -1.3 |
| 11:40 PM - 11:45 PM | 50.6 | 49.8 | 0.8 | 7.0 | - | 46.6 | 46.1 | 0.5 |
| 11:45 PM - 11:50 PM | 49.3 | 48.3 | 1.0 | 7.0 | - | 45.3 | 44.6 | 0.7 |
| 11:50 PM - 11:55 PM | 46.8 | 49.6 | -2.8 | 7.0 | - | 42.8 | 47.5 | -4.7 |
| 11:55 PM - 12:00 AM | 48.5 | 48.9 | -0.4 | 7.0 | - | 44.5 | 45.9 | -1.4 |
| 12:00 AM - 12:05 AM | 47.8 | 48.7 | -0.9 | 7.0 | - | 43.8 | 45.3 | -1.5 |
| 12:05 AM - 12:10 AM | 50.9 | 50.9 | 0.0 | 7.0 | - | 46.9 | 45.5 | 1.4 |
| 12:10 AM - 12:15 AM | 49.1 | 48.8 | 0.3 | 7.0 | - | 45.1 | 45.7 | -0.6 |
| 12:15 AM - 12:20 AM | 48.6 | 47.0 | 1.6 | 4.5 | - | 47.1 | 44.0 | 3.1 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854802-1



**Sample No.** 23128872-16
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:20 AM - 12:25 AM | 48.4 | 49.3 | -0.9 | 7.0 | - | 44.4 | 45.1 | -0.7 |
| 12:25 AM - 12:30 AM | 48.3 | 49.6 | -1.3 | 7.0 | - | 44.3 | 48.8 | -4.5 |
| 12:30 AM - 12:35 AM | 46.0 | 46.3 | -0.3 | 7.0 | - | 42.0 | 43.7 | -1.7 |
| 12:35 AM - 12:40 AM | 46.2 | 50.4 | -4.2 | 7.0 | - | 42.2 | 43.3 | -1.1 |
| 12:40 AM - 12:45 AM | 51.9 | 48.5 | 3.4 | 3.0 | - | 51.9 | 45.5 | 6.4 |
| 12:45 AM - 12:50 AM | 47.8 | 49.6 | -1.8 | 7.0 | - | 43.8 | 47.7 | -3.9 |
| 12:50 AM - 12:55 AM | 50.1 | 49.4 | 0.7 | 7.0 | - | 46.1 | 44.0 | 2.1 |
| 12:55 AM - 01:00 AM | 47.5 | 47.9 | -0.4 | 7.0 | - | 43.5 | 45.5 | -2.0 |
| 01:00 AM - 01:05 AM | 46.7 | 49.1 | -2.4 | 7.0 | - | 42.7 | 45.2 | -2.5 |
| 01:05 AM - 01:10 AM | 49.2 | 50.9 | -1.7 | 7.0 | - | 45.2 | 46.0 | -0.8 |
| 01:10 AM - 01:15 AM | 51.7 | 54.2 | -2.5 | 7.0 | - | 47.7 | 45.1 | 2.6 |
| 01:15 AM - 01:20 AM | 55.4 | 49.6 | 5.8 | 1.5 | - | 56.9 | 45.2 | 11.7 |
| 01:20 AM - 01:25 AM | 49.8 | 46.7 | 3.1 | 3.0 | - | 49.8 | 45.1 | 4.7 |
| 01:25 AM - 01:30 AM | 46.8 | 45.5 | 1.3 | 7.0 | - | 42.8 | 43.9 | -1.1 |
| 01:30 AM - 01:35 AM | 46.3 | 45.2 | 1.1 | 7.0 | - | 42.3 | 44.5 | -2.2 |
| 01:35 AM - 01:40 AM | 46.1 | 48.9 | -2.8 | 7.0 | - | 42.1 | 46.1 | -4.0 |
| 01:40 AM - 01:45 AM | 46.7 | 47.1 | -0.4 | 7.0 | - | 42.7 | 43.8 | -1.1 |
| 01:45 AM - 01:50 AM | 47.0 | 47.7 | -0.7 | 7.0 | - | 43.0 | 44.8 | -1.8 |
| 01:50 AM - 01:55 AM | 46.3 | 46.2 | 0.1 | 7.0 | - | 42.3 | 44.9 | -2.6 |
| 01:55 AM - 02:00 AM | 47.4 | 50.4 | -3.0 | 7.0 | - | 43.4 | 43.9 | -0.5 |
| 02:00 AM - 02:05 AM | 51.3 | 47.8 | 3.5 | 2.0 | - | 52.3 | 45.4 | 6.9 |
| 02:05 AM - 02:10 AM | 47.0 | 47.2 | -0.2 | 7.0 | - | 43.0 | 45.4 | -2.4 |
| 02:10 AM - 02:15 AM | 47.1 | 48.3 | -1.2 | 7.0 | - | 43.1 | 46.0 | -2.9 |
| 02:15 AM - 02:20 AM | 48.5 | 48.1 | 0.4 | 7.0 | - | 44.5 | 46.0 | -1.5 |
| 02:20 AM - 02:25 AM | 47.1 | 49.6 | -2.5 | 7.0 | - | 43.1 | 45.2 | -2.1 |
| 02:25 AM - 02:30 AM | 49.1 | 50.1 | -1.0 | 7.0 | - | 45.1 | 47.7 | -2.6 |
| 02:30 AM - 02:35 AM | 49.4 | 48.1 | 1.3 | 7.0 | - | 45.4 | 46.5 | -1.1 |
| 02:35 AM - 02:40 AM | 46.5 | 47.2 | -0.7 | 7.0 | - | 42.5 | 44.9 | -2.4 |
| 02:40 AM - 02:45 AM | 45.9 | 48.0 | -2.1 | 7.0 | - | 41.9 | 45.1 | -3.2 |
| 02:45 AM - 02:50 AM | 46.2 | 47.2 | -1.0 | 7.0 | - | 42.2 | 44.6 | -2.4 |
| 02:50 AM - 02:55 AM | 48.8 | 47.5 | 1.3 | 7.0 | - | 44.8 | 45.0 | -0.2 |
| 02:55 AM - 03:00 AM | 46.6 | 48.2 | -1.6 | 7.0 | - | 42.6 | 46.7 | -4.1 |
| 03:00 AM - 03:05 AM | 46.2 | 47.0 | -0.8 | 7.0 | - | 42.2 | 44.2 | -2.0 |
| 03:05 AM - 03:10 AM | 47.4 | 49.4 | -2.0 | 7.0 | - | 43.4 | 47.8 | -4.4 |
| 03:10 AM - 03:15 AM | 47.6 | 48.8 | -1.2 | 7.0 | - | 43.6 | 46.1 | -2.5 |
| 03:15 AM - 03:20 AM | 48.2 | 49.1 | -0.9 | 7.0 | - | 44.2 | 46.4 | -2.2 |
| 03:20 AM - 03:25 AM | 46.6 | 48.0 | -1.4 | 7.0 | - | 42.6 | 46.3 | -3.7 |
| 03:25 AM - 03:30 AM | 46.4 | 47.9 | -1.5 | 7.0 | - | 42.4 | 44.8 | -2.4 |
| 03:30 AM - 03:35 AM | 47.0 | 48.3 | -1.3 | 7.0 | - | 43.0 | 44.2 | -1.2 |
| 03:35 AM - 03:40 AM | 46.1 | 50.6 | -4.5 | 7.0 | - | 42.1 | 47.8 | -5.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854802-1



**Sample No.** 23128872-16
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | เสียงจากแหล่งกำเนิด (A) | เสียงขณะไม่มีการรบกวน (B) | ผลต่างระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับการรบกวน (D-E) |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:40 AM - 03:45 AM | 49.5 | 51.3 | -1.8 | 7.0 | - | 45.5 | 48.0 | -2.5 |
| 03:45 AM - 03:50 AM | 50.9 | 49.3 | 1.6 | 4.5 | - | 49.4 | 44.5 | 4.9 |
| 03:50 AM - 03:55 AM | 48.1 | 48.9 | -0.8 | 7.0 | - | 44.1 | 45.8 | -1.7 |
| 03:55 AM - 04:00 AM | 46.5 | 49.3 | -2.8 | 7.0 | - | 42.5 | 48.0 | -5.5 |
| 04:00 AM - 04:05 AM | 46.6 | 49.0 | -2.4 | 7.0 | - | 42.6 | 45.5 | -2.9 |
| 04:05 AM - 04:10 AM | 48.2 | 48.8 | -0.6 | 7.0 | - | 44.2 | 46.5 | -2.3 |
| 04:10 AM - 04:15 AM | 47.2 | 50.1 | -2.9 | 7.0 | - | 43.2 | 48.7 | -5.5 |
| 04:15 AM - 04:20 AM | 46.2 | 49.8 | -3.6 | 7.0 | - | 42.2 | 45.9 | -3.7 |
| 04:20 AM - 04:25 AM | 47.2 | 50.1 | -2.9 | 7.0 | - | 43.2 | 48.2 | -5.0 |
| 04:25 AM - 04:30 AM | 47.5 | 50.9 | -3.4 | 7.0 | - | 43.5 | 48.3 | -4.8 |
| 04:30 AM - 04:35 AM | 50.2 | 48.7 | 1.5 | 4.5 | - | 48.7 | 45.2 | 3.5 |
| 04:35 AM - 04:40 AM | 49.0 | 46.5 | 2.5 | 3.0 | - | 49.0 | 44.8 | 4.2 |
| 04:40 AM - 04:45 AM | 46.7 | 48.3 | -1.6 | 7.0 | - | 42.7 | 45.5 | -2.8 |
| 04:45 AM - 04:50 AM | 47.7 | 48.2 | -0.5 | 7.0 | - | 43.7 | 45.2 | -1.5 |
| 04:50 AM - 04:55 AM | 47.1 | 51.1 | -4.0 | 7.0 | - | 43.1 | 47.7 | -4.6 |
| 04:55 AM - 05:00 AM | 51.8 | 63.0 | -11.2 | 7.0 | - | 47.8 | 48.2 | -0.4 |
| 05:00 AM - 05:05 AM | 65.2 | 52.9 | 12.3 | 0.5 | - | 67.7 | 49.1 | 18.6 |
| 05:05 AM - 05:10 AM | 52.1 | 49.8 | 2.3 | 4.5 | - | 50.6 | 46.7 | 3.9 |
| 05:10 AM - 05:15 AM | 48.5 | 49.2 | -0.7 | 7.0 | - | 44.5 | 45.9 | -1.4 |
| 05:15 AM - 05:20 AM | 49.7 | 59.0 | -9.3 | 7.0 | - | 45.7 | 48.1 | -2.4 |
| 05:20 AM - 05:25 AM | 61.1 | 50.6 | 10.5 | 0.5 | - | 63.6 | 48.7 | 14.9 |
| 05:25 AM - 05:30 AM | 49.6 | 50.2 | -0.6 | 7.0 | - | 45.6 | 45.2 | 0.4 |
| 05:30 AM - 05:35 AM | 49.9 | 48.8 | 1.1 | 7.0 | - | 45.9 | 46.8 | -0.9 |
| 05:35 AM - 05:40 AM | 47.6 | 49.3 | -1.7 | 7.0 | - | 43.6 | 47.0 | -3.4 |
| 05:40 AM - 05:45 AM | 48.2 | 51.1 | -2.9 | 7.0 | - | 44.2 | 45.5 | -1.3 |
| 05:45 AM - 05:50 AM | 51.8 | 51.1 | 0.7 | 7.0 | - | 47.8 | 46.6 | 1.2 |
| 05:50 AM - 05:55 AM | 51.4 | 56.0 | -4.6 | 7.0 | - | 47.4 | 45.6 | 1.8 |
| 05:55 AM - 06:00 AM | 59.6 | 54.1 | 5.5 | 1.5 | - | 61.1 | 45.5 | 15.6 |
| 06:00 AM - 07:00 AM | 54.2 | 53.7 | 0.5 | 7.0 | 47.2 | - | 45.6 | 1.6 |
| 07:00 AM - 08:00 AM | 59.8 | 57.6 | 2.2 | 4.5 | 55.3 | - | 46.3 | 9.0 |
| 08:00 AM - 09:00 AM | 54.5 | 52.5 | 2.0 | 4.5 | 50.0 | - | 44.6 | 5.4 |
| 09:00 AM - 10:00 AM | 53.1 | 51.2 | 1.9 | 4.5 | 48.6 | - | 44.1 | 4.5 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 24-25 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-16 วันที่ตรวจวัด 24-25 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854803-1



**Sample No.** 23128872-17
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 10:00 AM - 11:00 AM | 54.2 | 53.2 | 1.0 | 7.0 | 47.2 | - | 43.5 | 3.7 |
| 11:00 AM - 12:00 PM | 56.3 | 50.4 | 5.9 | 1.5 | 54.8 | - | 41.9 | 12.9 |
| 12:00 PM - 01:00 PM | 56.3 | 52.0 | 4.3 | 2.0 | 54.3 | - | 41.6 | 12.7 |
| 01:00 PM - 02:00 PM | 53.1 | 49.8 | 3.3 | 3.0 | 50.1 | - | 41.1 | 9.0 |
| 02:00 PM - 03:00 PM | 52.5 | 47.7 | 4.8 | 1.5 | 51.0 | - | 39.5 | 11.5 |
| 03:00 PM - 04:00 PM | 55.3 | 51.0 | 4.3 | 2.0 | 53.3 | - | 45.0 | 8.3 |
| 04:00 PM - 05:00 PM | 55.4 | 51.8 | 3.6 | 2.0 | 53.4 | - | 46.9 | 6.5 |
| 05:00 PM - 06:00 PM | 55.4 | 50.4 | 5.0 | 1.5 | 53.9 | - | 42.3 | 11.6 |
| 06:00 PM - 07:00 PM | 55.4 | 51.1 | 4.3 | 2.0 | 53.4 | - | 47.0 | 6.4 |
| 07:00 PM - 08:00 PM | 55.2 | 51.2 | 4.0 | 2.0 | 53.2 | - | 46.2 | 7.0 |
| 08:00 PM - 09:00 PM | 51.7 | 49.0 | 2.7 | 3.0 | 48.7 | - | 44.3 | 4.4 |
| 09:00 PM - 10:00 PM | 50.8 | 48.0 | 2.8 | 3.0 | 47.8 | - | 41.9 | 5.9 |
| 10:00 PM - 10:05 PM | 55.1 | 44.9 | 10.2 | 0.5 | - | 57.6 | 41.1 | 16.5 |
| 10:05 PM - 10:10 PM | 47.0 | 44.9 | 2.1 | 4.5 | - | 45.5 | 41.5 | 4.0 |
| 10:10 PM - 10:15 PM | 48.0 | 48.9 | -0.9 | 7.0 | - | 44.0 | 41.7 | 2.3 |
| 10:15 PM - 10:20 PM | 53.2 | 44.7 | 8.5 | 0.5 | - | 55.7 | 41.6 | 14.1 |
| 10:20 PM - 10:25 PM | 48.9 | 43.3 | 5.6 | 1.5 | - | 50.4 | 41.7 | 8.7 |
| 10:25 PM - 10:30 PM | 48.9 | 46.7 | 2.2 | 4.5 | - | 47.4 | 41.7 | 5.7 |
| 10:30 PM - 10:35 PM | 49.2 | 48.8 | 0.4 | 7.0 | - | 45.2 | 41.6 | 3.6 |
| 10:35 PM - 10:40 PM | 53.0 | 44.9 | 8.1 | 0.5 | - | 55.5 | 40.2 | 15.3 |
| 10:40 PM - 10:45 PM | 47.3 | 46.2 | 1.1 | 7.0 | - | 43.3 | 40.5 | 2.8 |
| 10:45 PM - 10:50 PM | 51.0 | 47.1 | 3.9 | 2.0 | - | 52.0 | 41.9 | 10.1 |
| 10:50 PM - 10:55 PM | 50.4 | 47.8 | 2.6 | 3.0 | - | 50.4 | 41.7 | 8.7 |
| 10:55 PM - 11:00 PM | 51.4 | 47.2 | 4.2 | 2.0 | - | 52.4 | 41.9 | 10.5 |
| 11:00 PM - 11:05 PM | 49.8 | 49.4 | 0.4 | 7.0 | - | 45.8 | 42.3 | 3.5 |
| 11:05 PM - 11:10 PM | 52.5 | 47.2 | 5.3 | 1.5 | - | 54.0 | 43.3 | 10.7 |
| 11:10 PM - 11:15 PM | 52.4 | 46.6 | 5.8 | 1.5 | - | 53.9 | 40.9 | 13.0 |
| 11:15 PM - 11:20 PM | 49.0 | 46.1 | 2.9 | 3.0 | - | 49.0 | 41.3 | 7.7 |
| 11:20 PM - 11:25 PM | 48.9 | 46.8 | 2.1 | 4.5 | - | 47.4 | 41.9 | 5.5 |
| 11:25 PM - 11:30 PM | 49.7 | 46.4 | 3.3 | 3.0 | - | 49.7 | 41.0 | 8.7 |
| 11:30 PM - 11:35 PM | 50.2 | 47.5 | 2.7 | 3.0 | - | 50.2 | 41.6 | 8.6 |
| 11:35 PM - 11:40 PM | 51.1 | 44.8 | 6.3 | 1.5 | - | 52.6 | 40.5 | 12.1 |
| 11:40 PM - 11:45 PM | 48.6 | 45.0 | 3.6 | 2.0 | - | 49.6 | 39.9 | 9.7 |
| 11:45 PM - 11:50 PM | 47.3 | 45.6 | 1.7 | 4.5 | - | 45.8 | 40.2 | 5.6 |
| 11:50 PM - 11:55 PM | 50.0 | 44.8 | 5.2 | 1.5 | - | 51.5 | 41.1 | 10.4 |
| 11:55 PM - 12:00 AM | 48.0 | 46.4 | 1.6 | 4.5 | - | 46.5 | 41.0 | 5.5 |
| 12:00 AM - 12:05 AM | 50.1 | 46.0 | 4.1 | 2.0 | - | 51.1 | 40.4 | 10.7 |
| 12:05 AM - 12:10 AM | 50.1 | 46.6 | 3.5 | 2.0 | - | 51.1 | 41.3 | 9.8 |
| 12:10 AM - 12:15 AM | 50.4 | 44.6 | 5.8 | 1.5 | - | 51.9 | 41.9 | 10.0 |
| 12:15 AM - 12:20 AM | 48.1 | 44.3 | 3.8 | 2.0 | - | 49.1 | 41.1 | 8.0 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854803-1



**Sample No.** 23128872-17
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:20 AM - 12:25 AM | 49.6 | 42.8 | 6.8 | 1.0 | - | 51.6 | 40.0 | 11.6 |
| 12:25 AM - 12:30 AM | 48.9 | 44.0 | 4.9 | 1.5 | - | 50.4 | 39.4 | 11.0 |
| 12:30 AM - 12:35 AM | 49.7 | 41.8 | 7.9 | 0.5 | - | 52.2 | 39.7 | 12.5 |
| 12:35 AM - 12:40 AM | 48.7 | 45.4 | 3.3 | 3.0 | - | 48.7 | 39.8 | 8.9 |
| 12:40 AM - 12:45 AM | 51.5 | 44.5 | 7.0 | 1.0 | - | 53.5 | 40.4 | 13.1 |
| 12:45 AM - 12:50 AM | 49.9 | 47.9 | 2.0 | 4.5 | - | 48.4 | 42.0 | 6.4 |
| 12:50 AM - 12:55 AM | 53.3 | 43.7 | 9.6 | 0.5 | - | 55.8 | 39.0 | 16.8 |
| 12:55 AM - 01:00 AM | 50.4 | 43.4 | 7.0 | 1.0 | - | 52.4 | 41.7 | 10.7 |
| 01:00 AM - 01:05 AM | 49.6 | 45.3 | 4.3 | 2.0 | - | 50.6 | 39.9 | 10.7 |
| 01:05 AM - 01:10 AM | 50.9 | 46.6 | 4.3 | 2.0 | - | 51.9 | 39.9 | 12.0 |
| 01:10 AM - 01:15 AM | 52.4 | 43.2 | 9.2 | 0.5 | - | 54.9 | 41.1 | 13.8 |
| 01:15 AM - 01:20 AM | 50.7 | 44.3 | 6.4 | 1.5 | - | 52.2 | 39.4 | 12.8 |
| 01:20 AM - 01:25 AM | 50.4 | 42.3 | 8.1 | 0.5 | - | 52.9 | 39.4 | 13.5 |
| 01:25 AM - 01:30 AM | 49.3 | 42.1 | 7.2 | 1.0 | - | 51.3 | 38.7 | 12.6 |
| 01:30 AM - 01:35 AM | 48.6 | 42.0 | 6.6 | 1.0 | - | 50.6 | 39.9 | 10.7 |
| 01:35 AM - 01:40 AM | 48.8 | 42.8 | 6.0 | 1.5 | - | 50.3 | 41.2 | 9.1 |
| 01:40 AM - 01:45 AM | 49.3 | 42.2 | 7.1 | 1.0 | - | 51.3 | 38.7 | 12.6 |
| 01:45 AM - 01:50 AM | 48.8 | 41.9 | 6.9 | 1.0 | - | 50.8 | 40.1 | 10.7 |
| 01:50 AM - 01:55 AM | 49.2 | 42.9 | 6.3 | 1.5 | - | 50.7 | 39.9 | 10.8 |
| 01:55 AM - 02:00 AM | 49.0 | 44.2 | 4.8 | 1.5 | - | 50.5 | 41.0 | 9.5 |
| 02:00 AM - 02:05 AM | 50.4 | 45.5 | 4.9 | 1.5 | - | 51.9 | 41.5 | 10.4 |
| 02:05 AM - 02:10 AM | 51.1 | 42.7 | 8.4 | 0.5 | - | 53.6 | 40.0 | 13.6 |
| 02:10 AM - 02:15 AM | 48.9 | 45.7 | 3.2 | 3.0 | - | 48.9 | 42.8 | 6.1 |
| 02:15 AM - 02:20 AM | 51.7 | 43.5 | 8.2 | 0.5 | - | 54.2 | 40.4 | 13.8 |
| 02:20 AM - 02:25 AM | 48.8 | 45.4 | 3.4 | 3.0 | - | 48.8 | 41.1 | 7.7 |
| 02:25 AM - 02:30 AM | 51.3 | 43.9 | 7.4 | 1.0 | - | 53.3 | 41.0 | 12.3 |
| 02:30 AM - 02:35 AM | 49.7 | 47.8 | 1.9 | 4.5 | - | 48.2 | 40.8 | 7.4 |
| 02:35 AM - 02:40 AM | 52.2 | 47.6 | 4.6 | 1.5 | - | 53.7 | 42.1 | 11.6 |
| 02:40 AM - 02:45 AM | 53.5 | 44.3 | 9.2 | 0.5 | - | 56.0 | 41.2 | 14.8 |
| 02:45 AM - 02:50 AM | 49.5 | 55.7 | -6.2 | 7.0 | - | 45.5 | 42.8 | 2.7 |
| 02:50 AM - 02:55 AM | 61.4 | 44.0 | 17.4 | 0.0 | - | 64.4 | 41.4 | 23.0 |
| 02:55 AM - 03:00 AM | 49.4 | 48.9 | 0.5 | 7.0 | - | 45.4 | 42.5 | 2.9 |
| 03:00 AM - 03:05 AM | 53.4 | 43.5 | 9.9 | 0.5 | - | 55.9 | 41.0 | 14.9 |
| 03:05 AM - 03:10 AM | 49.2 | 57.8 | -8.6 | 7.0 | - | 45.2 | 41.6 | 3.6 |
| 03:10 AM - 03:15 AM | 62.6 | 42.3 | 20.3 | 0.0 | - | 65.6 | 40.8 | 24.8 |
| 03:15 AM - 03:20 AM | 48.4 | 42.3 | 6.1 | 1.5 | - | 49.9 | 40.1 | 9.8 |
| 03:20 AM - 03:25 AM | 48.9 | 43.7 | 5.2 | 1.5 | - | 50.4 | 40.2 | 10.2 |
| 03:25 AM - 03:30 AM | 48.7 | 44.1 | 4.6 | 1.5 | - | 50.2 | 40.9 | 9.3 |
| 03:30 AM - 03:35 AM | 48.9 | 44.5 | 4.4 | 2.0 | - | 49.9 | 42.7 | 7.2 |
| 03:35 AM - 03:40 AM | 49.0 | 43.9 | 5.1 | 1.5 | - | 50.5 | 41.4 | 9.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854803-1



**Sample No.** 23128872-17
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:40 AM - 03:45 AM | 48.0 | 43.7 | 4.3 | 2.0 | - | 49.0 | 41.3 | 7.7 |
| 03:45 AM - 03:50 AM | 49.0 | 44.2 | 4.8 | 1.5 | - | 50.5 | 40.1 | 10.4 |
| 03:50 AM - 03:55 AM | 49.3 | 44.2 | 5.1 | 1.5 | - | 50.8 | 41.7 | 9.1 |
| 03:55 AM - 04:00 AM | 49.0 | 45.7 | 3.3 | 3.0 | - | 49.0 | 43.3 | 5.7 |
| 04:00 AM - 04:05 AM | 51.1 | 45.0 | 6.1 | 1.5 | - | 52.6 | 42.6 | 10.0 |
| 04:05 AM - 04:10 AM | 48.5 | 45.0 | 3.5 | 2.0 | - | 49.5 | 43.1 | 6.4 |
| 04:10 AM - 04:15 AM | 49.4 | 43.1 | 6.3 | 1.5 | - | 50.9 | 40.2 | 10.7 |
| 04:15 AM - 04:20 AM | 48.4 | 44.3 | 4.1 | 2.0 | - | 49.4 | 42.8 | 6.6 |
| 04:20 AM - 04:25 AM | 49.7 | 44.2 | 5.5 | 1.5 | - | 51.2 | 42.4 | 8.8 |
| 04:25 AM - 04:30 AM | 49.5 | 43.3 | 6.2 | 1.5 | - | 51.0 | 41.2 | 9.8 |
| 04:30 AM - 04:35 AM | 48.8 | 45.6 | 3.2 | 3.0 | - | 48.8 | 43.8 | 5.0 |
| 04:35 AM - 04:40 AM | 51.0 | 44.5 | 6.5 | 1.0 | - | 53.0 | 41.2 | 11.8 |
| 04:40 AM - 04:45 AM | 49.7 | 45.0 | 4.7 | 1.5 | - | 51.2 | 43.1 | 8.1 |
| 04:45 AM - 04:50 AM | 50.1 | 44.4 | 5.7 | 1.5 | - | 51.6 | 42.3 | 9.3 |
| 04:50 AM - 04:55 AM | 50.3 | 45.7 | 4.6 | 1.5 | - | 51.8 | 42.3 | 9.5 |
| 04:55 AM - 05:00 AM | 51.3 | 44.6 | 6.7 | 1.0 | - | 53.3 | 42.3 | 11.0 |
| 05:00 AM - 05:05 AM | 49.8 | 45.1 | 4.7 | 1.5 | - | 51.3 | 42.5 | 8.8 |
| 05:05 AM - 05:10 AM | 58.4 | 53.7 | 4.7 | 1.5 | - | 59.9 | 43.1 | 16.8 |
| 05:10 AM - 05:15 AM | 51.1 | 47.3 | 3.8 | 2.0 | - | 52.1 | 43.1 | 9.0 |
| 05:15 AM - 05:20 AM | 51.3 | 49.2 | 2.1 | 4.5 | - | 49.8 | 43.3 | 6.5 |
| 05:20 AM - 05:25 AM | 54.6 | 47.4 | 7.2 | 1.0 | - | 56.6 | 42.6 | 14.0 |
| 05:25 AM - 05:30 AM | 52.4 | 46.0 | 6.4 | 1.5 | - | 53.9 | 43.4 | 10.5 |
| 05:30 AM - 05:35 AM | 50.0 | 56.5 | -6.5 | 7.0 | - | 46.0 | 43.6 | 2.4 |
| 05:35 AM - 05:40 AM | 61.1 | 47.4 | 13.7 | 0.0 | - | 64.1 | 43.6 | 20.5 |
| 05:40 AM - 05:45 AM | 52.8 | 45.8 | 7.0 | 1.0 | - | 54.8 | 43.8 | 11.0 |
| 05:45 AM - 05:50 AM | 49.9 | 47.7 | 2.2 | 4.5 | - | 48.4 | 44.7 | 3.7 |
| 05:50 AM - 05:55 AM | 52.0 | 47.2 | 4.8 | 1.5 | - | 53.5 | 44.2 | 9.3 |
| 05:55 AM - 06:00 AM | 56.7 | 52.0 | 4.7 | 1.5 | - | 58.2 | 44.4 | 13.8 |
| 06:00 AM - 07:00 AM | 53.1 | 48.5 | 4.6 | 1.5 | 51.6 | - | 43.1 | 8.5 |
| 07:00 AM - 08:00 AM | 56.4 | 51.2 | 5.2 | 1.5 | 54.9 | - | 41.5 | 13.4 |
| 08:00 AM - 09:00 AM | 53.9 | 48.6 | 5.3 | 1.5 | 52.4 | - | 40.7 | 11.7 |
| 09:00 AM - 10:00 AM | 56.5 | 51.6 | 4.9 | 1.5 | 55.0 | - | 41.9 | 13.1 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-17 วันที่ตรวจวัด 25-26 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854804-1



**Sample No.** 23128872-18
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 10:00 AM - 11:00 AM | 56.2 | 51.8 | 4.4 | 2.0 | 54.2 | - | 41.8 | 12.4 |
| 11:00 AM - 12:00 PM | 53.6 | 49.0 | 4.6 | 1.5 | 52.1 | - | 41.2 | 10.9 |
| 12:00 PM - 01:00 PM | 55.3 | 51.0 | 4.3 | 2.0 | 53.3 | - | 41.5 | 11.8 |
| 01:00 PM - 02:00 PM | 52.8 | 49.0 | 3.8 | 2.0 | 50.8 | - | 41.8 | 9.0 |
| 02:00 PM - 03:00 PM | 53.9 | 49.7 | 4.2 | 2.0 | 51.9 | - | 39.5 | 12.4 |
| 03:00 PM - 04:00 PM | 57.0 | 51.3 | 5.7 | 1.5 | 55.5 | - | 39.0 | 16.5 |
| 04:00 PM - 05:00 PM | 54.7 | 49.6 | 5.1 | 1.5 | 53.2 | - | 40.1 | 13.1 |
| 05:00 PM - 06:00 PM | 54.6 | 50.2 | 4.4 | 2.0 | 52.6 | - | 40.2 | 12.4 |
| 06:00 PM - 07:00 PM | 54.1 | 49.8 | 4.3 | 2.0 | 52.1 | - | 44.7 | 7.4 |
| 07:00 PM - 08:00 PM | 53.0 | 48.6 | 4.4 | 2.0 | 51.0 | - | 43.4 | 7.6 |
| 08:00 PM - 09:00 PM | 54.4 | 49.2 | 5.2 | 1.5 | 52.9 | - | 42.4 | 10.5 |
| 09:00 PM - 10:00 PM | 55.3 | 49.8 | 5.5 | 1.5 | 53.8 | - | 41.0 | 12.8 |
| 10:00 PM - 10:05 PM | 49.9 | 42.9 | 7.0 | 1.0 | - | 51.9 | 39.8 | 12.1 |
| 10:05 PM - 10:10 PM | 48.3 | 43.3 | 5.0 | 1.5 | - | 49.8 | 39.8 | 10.0 |
| 10:10 PM - 10:15 PM | 48.3 | 41.4 | 6.9 | 1.0 | - | 50.3 | 39.9 | 10.4 |
| 10:15 PM - 10:20 PM | 50.8 | 47.8 | 3.0 | 3.0 | - | 50.8 | 38.5 | 12.3 |
| 10:20 PM - 10:25 PM | 52.0 | 46.7 | 5.3 | 1.5 | - | 53.5 | 40.4 | 13.1 |
| 10:25 PM - 10:30 PM | 52.0 | 45.7 | 6.3 | 1.5 | - | 53.5 | 40.8 | 12.7 |
| 10:30 PM - 10:35 PM | 49.3 | 57.5 | -8.2 | 7.0 | - | 45.3 | 41.2 | 4.1 |
| 10:35 PM - 10:40 PM | 62.9 | 43.3 | 19.6 | 0.0 | - | 65.9 | 39.7 | 26.2 |
| 10:40 PM - 10:45 PM | 47.3 | 42.6 | 4.7 | 1.5 | - | 48.8 | 38.4 | 10.4 |
| 10:45 PM - 10:50 PM | 46.0 | 47.5 | -1.5 | 7.0 | - | 42.0 | 37.8 | 4.2 |
| 10:50 PM - 10:55 PM | 50.3 | 58.8 | -8.5 | 7.0 | - | 46.3 | 49.5 | -3.2 |
| 10:55 PM - 11:00 PM | 59.6 | 58.4 | 1.2 | 7.0 | - | 55.6 | 45.0 | 10.6 |
| 11:00 PM - 11:05 PM | 59.5 | 49.8 | 9.7 | 0.5 | - | 62.0 | 41.0 | 21.0 |
| 11:05 PM - 11:10 PM | 50.8 | 43.9 | 6.9 | 1.0 | - | 52.8 | 39.7 | 13.1 |
| 11:10 PM - 11:15 PM | 46.6 | 45.8 | 0.8 | 7.0 | - | 42.6 | 41.4 | 1.2 |
| 11:15 PM - 11:20 PM | 48.9 | 44.2 | 4.7 | 1.5 | - | 50.4 | 39.5 | 10.9 |
| 11:20 PM - 11:25 PM | 46.1 | 46.5 | -0.4 | 7.0 | - | 42.1 | 39.6 | 2.5 |
| 11:25 PM - 11:30 PM | 49.9 | 44.8 | 5.1 | 1.5 | - | 51.4 | 38.4 | 13.0 |
| 11:30 PM - 11:35 PM | 49.8 | 42.7 | 7.1 | 1.0 | - | 51.8 | 38.8 | 13.0 |
| 11:35 PM - 11:40 PM | 48.7 | 43.2 | 5.5 | 1.5 | - | 50.2 | 39.4 | 10.8 |
| 11:40 PM - 11:45 PM | 47.3 | 41.8 | 5.5 | 1.5 | - | 48.8 | 39.3 | 9.5 |
| 11:45 PM - 11:50 PM | 44.6 | 44.3 | 0.3 | 7.0 | - | 40.6 | 38.7 | 1.9 |
| 11:50 PM - 11:55 PM | 49.8 | 40.5 | 9.3 | 0.5 | - | 52.3 | 38.4 | 13.9 |
| 11:55 PM - 12:00 AM | 45.8 | 43.7 | 2.1 | 4.5 | - | 44.3 | 39.3 | 5.0 |
| 12:00 AM - 12:05 AM | 47.6 | 44.5 | 3.1 | 3.0 | - | 47.6 | 38.5 | 9.1 |
| 12:05 AM - 12:10 AM | 50.0 | 45.1 | 4.9 | 1.5 | - | 51.5 | 39.8 | 11.7 |
| 12:10 AM - 12:15 AM | 50.0 | 44.3 | 5.7 | 1.5 | - | 51.5 | 38.9 | 12.6 |
| 12:15 AM - 12:20 AM | 47.9 | 44.8 | 3.1 | 3.0 | - | 47.9 | 39.3 | 8.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854804-1



**Sample No.** 23128872-18
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:20 AM - 12:25 AM | 50.6 | 49.5 | 1.1 | 7.0 | - | 46.6 | 39.3 | 7.3 |
| 12:25 AM - 12:30 AM | 54.9 | 49.0 | 5.9 | 1.5 | - | 56.4 | 42.1 | 14.3 |
| 12:30 AM - 12:35 AM | 51.0 | 43.8 | 7.2 | 1.0 | - | 53.0 | 40.4 | 12.6 |
| 12:35 AM - 12:40 AM | 50.1 | 43.1 | 7.0 | 1.0 | - | 52.1 | 39.9 | 12.2 |
| 12:40 AM - 12:45 AM | 46.7 | 42.1 | 4.6 | 1.5 | - | 48.2 | 40.2 | 8.0 |
| 12:45 AM - 12:50 AM | 46.8 | 46.9 | -0.1 | 7.0 | - | 42.8 | 40.1 | 2.7 |
| 12:50 AM - 12:55 AM | 47.9 | 42.4 | 5.5 | 1.5 | - | 49.4 | 40.1 | 9.3 |
| 12:55 AM - 01:00 AM | 46.4 | 46.2 | 0.2 | 7.0 | - | 42.4 | 39.9 | 2.5 |
| 01:00 AM - 01:05 AM | 51.9 | 42.0 | 9.9 | 0.5 | - | 54.4 | 39.8 | 14.6 |
| 01:05 AM - 01:10 AM | 47.3 | 52.0 | -4.7 | 7.0 | - | 43.3 | 40.8 | 2.5 |
| 01:10 AM - 01:15 AM | 56.5 | 47.2 | 9.3 | 0.5 | - | 59.0 | 40.5 | 18.5 |
| 01:15 AM - 01:20 AM | 50.9 | 43.2 | 7.7 | 0.5 | - | 53.4 | 40.3 | 13.1 |
| 01:20 AM - 01:25 AM | 53.5 | 49.0 | 4.5 | 1.5 | - | 55.0 | 39.3 | 15.7 |
| 01:25 AM - 01:30 AM | 46.6 | 42.7 | 3.9 | 2.0 | - | 47.6 | 39.2 | 8.4 |
| 01:30 AM - 01:35 AM | 47.0 | 41.5 | 5.5 | 1.5 | - | 48.5 | 39.2 | 9.3 |
| 01:35 AM - 01:40 AM | 46.8 | 41.3 | 5.5 | 1.5 | - | 48.3 | 39.2 | 9.1 |
| 01:40 AM - 01:45 AM | 46.6 | 43.0 | 3.6 | 2.0 | - | 47.6 | 39.7 | 7.9 |
| 01:45 AM - 01:50 AM | 47.3 | 42.2 | 5.1 | 1.5 | - | 48.8 | 39.0 | 9.8 |
| 01:50 AM - 01:55 AM | 47.1 | 42.3 | 4.8 | 1.5 | - | 48.6 | 39.8 | 8.8 |
| 01:55 AM - 02:00 AM | 46.6 | 43.4 | 3.2 | 3.0 | - | 46.6 | 39.0 | 7.6 |
| 02:00 AM - 02:05 AM | 48.2 | 42.8 | 5.4 | 1.5 | - | 49.7 | 39.4 | 10.3 |
| 02:05 AM - 02:10 AM | 47.8 | 42.1 | 5.7 | 1.5 | - | 49.3 | 38.9 | 10.4 |
| 02:10 AM - 02:15 AM | 46.5 | 43.8 | 2.7 | 3.0 | - | 46.5 | 39.7 | 6.8 |
| 02:15 AM - 02:20 AM | 49.4 | 44.5 | 4.9 | 1.5 | - | 50.9 | 39.6 | 11.3 |
| 02:20 AM - 02:25 AM | 49.6 | 41.9 | 7.7 | 0.5 | - | 52.1 | 39.9 | 12.2 |
| 02:25 AM - 02:30 AM | 48.6 | 43.9 | 4.7 | 1.5 | - | 50.1 | 41.5 | 8.6 |
| 02:30 AM - 02:35 AM | 47.0 | 46.7 | 0.3 | 7.0 | - | 43.0 | 40.5 | 2.5 |
| 02:35 AM - 02:40 AM | 48.8 | 52.3 | -3.5 | 7.0 | - | 44.8 | 40.4 | 4.4 |
| 02:40 AM - 02:45 AM | 55.9 | 43.5 | 12.4 | 0.5 | - | 58.4 | 39.7 | 18.7 |
| 02:45 AM - 02:50 AM | 48.3 | 44.5 | 3.8 | 2.0 | - | 49.3 | 40.3 | 9.0 |
| 02:50 AM - 02:55 AM | 49.9 | 43.5 | 6.4 | 1.5 | - | 51.4 | 39.8 | 11.6 |
| 02:55 AM - 03:00 AM | 47.8 | 44.7 | 3.1 | 3.0 | - | 47.8 | 40.8 | 7.0 |
| 03:00 AM - 03:05 AM | 49.4 | 42.8 | 6.6 | 1.0 | - | 51.4 | 40.2 | 11.2 |
| 03:05 AM - 03:10 AM | 47.7 | 43.4 | 4.3 | 2.0 | - | 48.7 | 40.3 | 8.4 |
| 03:10 AM - 03:15 AM | 49.1 | 42.7 | 6.4 | 1.5 | - | 50.6 | 40.4 | 10.2 |
| 03:15 AM - 03:20 AM | 48.0 | 44.0 | 4.0 | 2.0 | - | 49.0 | 40.0 | 9.0 |
| 03:20 AM - 03:25 AM | 48.5 | 43.8 | 4.7 | 1.5 | - | 50.0 | 41.6 | 8.4 |
| 03:25 AM - 03:30 AM | 47.1 | 44.0 | 3.1 | 3.0 | - | 47.1 | 40.6 | 6.5 |
| 03:30 AM - 03:35 AM | 47.3 | 42.2 | 5.1 | 1.5 | - | 48.8 | 39.8 | 9.0 |
| 03:35 AM - 03:40 AM | 47.6 | 42.7 | 4.9 | 1.5 | - | 49.1 | 41.0 | 8.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854804-1



**Sample No.** 23128872-18
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 03:40 AM - 03:45 AM | 47.4 | 42.6 | 4.8 | 1.5 | - | 48.9 | 39.8 | 9.1 |
| 03:45 AM - 03:50 AM | 51.9 | 49.3 | 2.6 | 3.0 | - | 51.9 | 39.8 | 12.1 |
| 03:50 AM - 03:55 AM | 53.1 | 43.9 | 9.2 | 0.5 | - | 55.6 | 42.1 | 13.5 |
| 03:55 AM - 04:00 AM | 48.0 | 42.9 | 5.1 | 1.5 | - | 49.5 | 40.5 | 9.0 |
| 04:00 AM - 04:05 AM | 47.5 | 43.0 | 4.5 | 1.5 | - | 49.0 | 39.5 | 9.5 |
| 04:05 AM - 04:10 AM | 46.9 | 53.6 | -6.7 | 7.0 | - | 42.9 | 40.1 | 2.8 |
| 04:10 AM - 04:15 AM | 59.3 | 42.6 | 16.7 | 0.0 | - | 62.3 | 40.1 | 22.2 |
| 04:15 AM - 04:20 AM | 48.1 | 41.2 | 6.9 | 1.0 | - | 50.1 | 39.0 | 11.1 |
| 04:20 AM - 04:25 AM | 47.6 | 43.1 | 4.5 | 1.5 | - | 49.1 | 39.9 | 9.2 |
| 04:25 AM - 04:30 AM | 47.6 | 41.7 | 5.9 | 1.5 | - | 49.1 | 39.2 | 9.9 |
| 04:30 AM - 04:35 AM | 48.5 | 44.0 | 4.5 | 1.5 | - | 50.0 | 39.4 | 10.6 |
| 04:35 AM - 04:40 AM | 46.7 | 43.4 | 3.3 | 3.0 | - | 46.7 | 40.1 | 6.6 |
| 04:40 AM - 04:45 AM | 47.9 | 44.9 | 3.0 | 3.0 | - | 47.9 | 40.5 | 7.4 |
| 04:45 AM - 04:50 AM | 49.5 | 44.7 | 4.8 | 1.5 | - | 51.0 | 40.7 | 10.3 |
| 04:50 AM - 04:55 AM | 49.2 | 44.9 | 4.3 | 2.0 | - | 50.2 | 41.2 | 9.0 |
| 04:55 AM - 05:00 AM | 49.5 | 45.1 | 4.4 | 2.0 | - | 50.5 | 41.6 | 8.9 |
| 05:00 AM - 05:05 AM | 48.8 | 44.6 | 4.2 | 2.0 | - | 49.8 | 41.8 | 8.0 |
| 05:05 AM - 05:10 AM | 48.2 | 46.1 | 2.1 | 4.5 | - | 46.7 | 42.3 | 4.4 |
| 05:10 AM - 05:15 AM | 58.1 | 54.6 | 3.5 | 2.0 | - | 59.1 | 43.6 | 15.5 |
| 05:15 AM - 05:20 AM | 53.8 | 50.7 | 3.1 | 3.0 | - | 53.8 | 42.8 | 11.0 |
| 05:20 AM - 05:25 AM | 54.9 | 45.9 | 9.0 | 0.5 | - | 57.4 | 42.0 | 15.4 |
| 05:25 AM - 05:30 AM | 49.6 | 58.2 | -8.6 | 7.0 | - | 45.6 | 44.2 | 1.4 |
| 05:30 AM - 05:35 AM | 63.3 | 53.1 | 10.2 | 0.5 | - | 65.8 | 43.6 | 22.2 |
| 05:35 AM - 05:40 AM | 56.7 | 47.6 | 9.1 | 0.5 | - | 59.2 | 44.4 | 14.8 |
| 05:40 AM - 05:45 AM | 52.0 | 47.9 | 4.1 | 2.0 | - | 53.0 | 44.2 | 8.8 |
| 05:45 AM - 05:50 AM | 53.4 | 48.6 | 4.8 | 1.5 | - | 54.9 | 45.0 | 9.9 |
| 05:50 AM - 05:55 AM | 50.7 | 52.2 | -1.5 | 7.0 | - | 46.7 | 45.5 | 1.2 |
| 05:55 AM - 06:00 AM | 56.6 | 48.8 | 7.8 | 0.5 | - | 59.1 | 45.2 | 13.9 |
| 06:00 AM - 07:00 AM | 57.1 | 52.7 | 4.4 | 2.0 | 55.1 | - | 43.7 | 11.4 |
| 07:00 AM - 08:00 AM | 57.5 | 51.7 | 5.8 | 1.5 | 56.0 | - | 41.6 | 14.4 |
| 08:00 AM - 09:00 AM | 55.8 | 51.4 | 4.4 | 2.0 | 53.8 | - | 41.3 | 12.5 |
| 09:00 AM - 10:00 AM | 55.0 | 50.2 | 4.8 | 1.5 | 53.5 | - | 41.3 | 12.2 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-18 วันที่ตรวจวัด 26-27 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854805-1



**Sample No.** 23128872-19
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 10:00 AM - 11:00 AM | 53.5 | 48.9 | 4.6 | 1.5 | 52.0 | - | 42.1 | 9.9 |
| 11:00 AM - 12:00 PM | 55.2 | 50.7 | 4.5 | 1.5 | 53.7 | - | 39.7 | 14.0 |
| 12:00 PM - 01:00 PM | 53.1 | 48.2 | 4.9 | 1.5 | 51.6 | - | 40.7 | 10.9 |
| 01:00 PM - 02:00 PM | 53.6 | 48.6 | 5.0 | 1.5 | 52.1 | - | 39.4 | 12.7 |
| 02:00 PM - 03:00 PM | 56.1 | 51.0 | 5.1 | 1.5 | 54.6 | - | 40.9 | 13.7 |
| 03:00 PM - 04:00 PM | 55.3 | 50.6 | 4.7 | 1.5 | 53.8 | - | 40.0 | 13.8 |
| 04:00 PM - 05:00 PM | 56.2 | 51.2 | 5.0 | 1.5 | 54.7 | - | 40.5 | 14.2 |
| 05:00 PM - 06:00 PM | 57.2 | 52.4 | 4.8 | 1.5 | 55.7 | - | 41.6 | 14.1 |
| 06:00 PM - 07:00 PM | 56.6 | 53.7 | 2.9 | 3.0 | 53.6 | - | 44.6 | 9.0 |
| 07:00 PM - 08:00 PM | 56.7 | 50.6 | 6.1 | 1.5 | 55.2 | - | 44.1 | 11.1 |
| 08:00 PM - 09:00 PM | 54.6 | 49.5 | 5.1 | 1.5 | 53.1 | - | 43.9 | 9.2 |
| 09:00 PM - 10:00 PM | 57.0 | 48.3 | 8.7 | 0.5 | 56.5 | - | 44.6 | 11.9 |
| 10:00 PM - 10:05 PM | 57.6 | 48.8 | 8.8 | 0.5 | - | 60.1 | 44.3 | 15.8 |
| 10:05 PM - 10:10 PM | 57.1 | 46.7 | 10.4 | 0.5 | - | 59.6 | 44.8 | 14.8 |
| 10:10 PM - 10:15 PM | 57.4 | 46.9 | 10.5 | 0.5 | - | 59.9 | 44.5 | 15.4 |
| 10:15 PM - 10:20 PM | 58.1 | 50.1 | 8.0 | 0.5 | - | 60.6 | 45.3 | 15.3 |
| 10:20 PM - 10:25 PM | 56.8 | 47.9 | 8.9 | 0.5 | - | 59.3 | 45.0 | 14.3 |
| 10:25 PM - 10:30 PM | 56.4 | 49.6 | 6.8 | 1.0 | - | 58.4 | 44.1 | 14.3 |
| 10:30 PM - 10:35 PM | 56.7 | 51.0 | 5.7 | 1.5 | - | 58.2 | 44.9 | 13.3 |
| 10:35 PM - 10:40 PM | 56.4 | 48.4 | 8.0 | 0.5 | - | 58.9 | 45.1 | 13.8 |
| 10:40 PM - 10:45 PM | 55.8 | 47.9 | 7.9 | 0.5 | - | 58.3 | 45.4 | 12.9 |
| 10:45 PM - 10:50 PM | 56.2 | 56.7 | -0.5 | 7.0 | - | 52.2 | 45.6 | 6.6 |
| 10:50 PM - 10:55 PM | 56.7 | 50.3 | 6.4 | 1.5 | - | 58.2 | 46.1 | 12.1 |
| 10:55 PM - 11:00 PM | 56.8 | 51.0 | 5.8 | 1.5 | - | 58.3 | 45.9 | 12.4 |
| 11:00 PM - 11:05 PM | 54.1 | 49.6 | 4.5 | 1.5 | - | 55.6 | 44.9 | 10.7 |
| 11:05 PM - 11:10 PM | 56.0 | 48.1 | 7.9 | 0.5 | - | 58.5 | 45.6 | 12.9 |
| 11:10 PM - 11:15 PM | 55.0 | 49.4 | 5.6 | 1.5 | - | 56.5 | 46.1 | 10.4 |
| 11:15 PM - 11:20 PM | 54.3 | 47.8 | 6.5 | 1.0 | - | 56.3 | 45.4 | 10.9 |
| 11:20 PM - 11:25 PM | 43.0 | 49.4 | -6.4 | 7.0 | - | 39.0 | 46.3 | -7.3 |
| 11:25 PM - 11:30 PM | 44.6 | 49.2 | -4.6 | 7.0 | - | 40.6 | 44.7 | -4.1 |
| 11:30 PM - 11:35 PM | 51.8 | 49.6 | 2.2 | 4.5 | - | 50.3 | 45.8 | 4.5 |
| 11:35 PM - 11:40 PM | 53.9 | 50.8 | 3.1 | 3.0 | - | 53.9 | 46.2 | 7.7 |
| 11:40 PM - 11:45 PM | 55.6 | 50.1 | 5.5 | 1.5 | - | 57.1 | 46.4 | 10.7 |
| 11:45 PM - 11:50 PM | 52.0 | 48.6 | 3.4 | 3.0 | - | 52.0 | 44.9 | 7.1 |
| 11:50 PM - 11:55 PM | 51.9 | 49.9 | 2.0 | 4.5 | - | 50.4 | 47.8 | 2.6 |
| 11:55 PM - 12:00 AM | 51.8 | 49.2 | 2.6 | 3.0 | - | 51.8 | 46.2 | 5.6 |
| 12:00 AM - 12:05 AM | 52.1 | 49.0 | 3.1 | 3.0 | - | 52.1 | 45.6 | 6.5 |
| 12:05 AM - 12:10 AM | 55.5 | 51.2 | 4.3 | 2.0 | - | 56.5 | 45.8 | 10.7 |
| 12:10 AM - 12:15 AM | 53.0 | 49.1 | 3.9 | 2.0 | - | 54.0 | 46.0 | 8.0 |
| 12:15 AM - 12:20 AM | 52.2 | 47.3 | 4.9 | 1.5 | - | 53.7 | 44.3 | 9.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854805-1



**Sample No.** 23128872-19
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:20 AM - 12:25 AM | 55.7 | 49.6 | 6.1 | 1.5 | - | 57.2 | 45.4 | 11.8 |
| 12:25 AM - 12:30 AM | 55.0 | 49.9 | 5.1 | 1.5 | - | 56.5 | 49.1 | 7.4 |
| 12:30 AM - 12:35 AM | 56.2 | 46.6 | 9.6 | 0.5 | - | 58.7 | 44.0 | 14.7 |
| 12:35 AM - 12:40 AM | 52.0 | 50.7 | 1.3 | 7.0 | - | 48.0 | 43.6 | 4.4 |
| 12:40 AM - 12:45 AM | 51.0 | 48.8 | 2.2 | 4.5 | - | 49.5 | 45.8 | 3.7 |
| 12:45 AM - 12:50 AM | 49.6 | 49.9 | -0.3 | 7.0 | - | 45.6 | 48.0 | -2.4 |
| 12:50 AM - 12:55 AM | 50.0 | 49.7 | 0.3 | 7.0 | - | 46.0 | 44.3 | 1.7 |
| 12:55 AM - 01:00 AM | 44.8 | 48.2 | -3.4 | 7.0 | - | 40.8 | 45.8 | -5.0 |
| 01:00 AM - 01:05 AM | 46.5 | 49.4 | -2.9 | 7.0 | - | 42.5 | 45.5 | -3.0 |
| 01:05 AM - 01:10 AM | 52.1 | 51.2 | 0.9 | 7.0 | - | 48.1 | 46.3 | 1.8 |
| 01:10 AM - 01:15 AM | 53.2 | 54.5 | -1.3 | 7.0 | - | 49.2 | 45.4 | 3.8 |
| 01:15 AM - 01:20 AM | 52.0 | 49.9 | 2.1 | 4.5 | - | 50.5 | 45.5 | 5.0 |
| 01:20 AM - 01:25 AM | 53.1 | 47.0 | 6.1 | 1.5 | - | 54.6 | 45.4 | 9.2 |
| 01:25 AM - 01:30 AM | 50.4 | 45.8 | 4.6 | 1.5 | - | 51.9 | 44.2 | 7.7 |
| 01:30 AM - 01:35 AM | 48.0 | 45.5 | 2.5 | 3.0 | - | 48.0 | 44.8 | 3.2 |
| 01:35 AM - 01:40 AM | 45.2 | 49.2 | -4.0 | 7.0 | - | 41.2 | 46.4 | -5.2 |
| 01:40 AM - 01:45 AM | 39.2 | 47.4 | -8.2 | 7.0 | - | 35.2 | 44.1 | -8.9 |
| 01:45 AM - 01:50 AM | 41.2 | 48.0 | -6.8 | 7.0 | - | 37.2 | 45.1 | -7.9 |
| 01:50 AM - 01:55 AM | 43.6 | 46.5 | -2.9 | 7.0 | - | 39.6 | 45.2 | -5.6 |
| 01:55 AM - 02:00 AM | 39.4 | 50.7 | -11.3 | 7.0 | - | 35.4 | 44.2 | -8.8 |
| 02:00 AM - 02:05 AM | 39.4 | 48.1 | -8.7 | 7.0 | - | 35.4 | 45.7 | -10.3 |
| 02:05 AM - 02:10 AM | 40.7 | 47.5 | -6.8 | 7.0 | - | 36.7 | 45.7 | -9.0 |
| 02:10 AM - 02:15 AM | 50.8 | 48.6 | 2.2 | 4.5 | - | 49.3 | 46.3 | 3.0 |
| 02:15 AM - 02:20 AM | 58.7 | 48.4 | 10.3 | 0.5 | - | 61.2 | 46.3 | 14.9 |
| 02:20 AM - 02:25 AM | 47.3 | 49.9 | -2.6 | 7.0 | - | 43.3 | 45.5 | -2.2 |
| 02:25 AM - 02:30 AM | 40.9 | 50.4 | -9.5 | 7.0 | - | 36.9 | 48.0 | -11.1 |
| 02:30 AM - 02:35 AM | 44.3 | 48.4 | -4.1 | 7.0 | - | 40.3 | 46.8 | -6.5 |
| 02:35 AM - 02:40 AM | 42.2 | 47.5 | -5.3 | 7.0 | - | 38.2 | 45.2 | -7.0 |
| 02:40 AM - 02:45 AM | 41.0 | 48.3 | -7.3 | 7.0 | - | 37.0 | 45.4 | -8.4 |
| 02:45 AM - 02:50 AM | 55.5 | 47.5 | 8.0 | 0.5 | - | 58.0 | 44.9 | 13.1 |
| 02:50 AM - 02:55 AM | 62.7 | 47.8 | 14.9 | 0.0 | - | 65.7 | 45.3 | 20.4 |
| 02:55 AM - 03:00 AM | 58.1 | 48.5 | 9.6 | 0.5 | - | 60.6 | 47.0 | 13.6 |
| 03:00 AM - 03:05 AM | 40.2 | 47.3 | -7.1 | 7.0 | - | 36.2 | 44.5 | -8.3 |
| 03:05 AM - 03:10 AM | 39.4 | 49.7 | -10.3 | 7.0 | - | 35.4 | 48.1 | -12.7 |
| 03:10 AM - 03:15 AM | 43.0 | 49.1 | -6.1 | 7.0 | - | 39.0 | 46.4 | -7.4 |
| 03:15 AM - 03:20 AM | 39.2 | 49.4 | -10.2 | 7.0 | - | 35.2 | 46.7 | -11.5 |
| 03:20 AM - 03:25 AM | 41.6 | 48.3 | -6.7 | 7.0 | - | 37.6 | 46.6 | -9.0 |
| 03:25 AM - 03:30 AM | 47.9 | 48.2 | -0.3 | 7.0 | - | 43.9 | 45.1 | -1.2 |
| 03:30 AM - 03:35 AM | 47.8 | 48.6 | -0.8 | 7.0 | - | 43.8 | 44.5 | -0.7 |
| 03:35 AM - 03:40 AM | 44.8 | 50.9 | -6.1 | 7.0 | - | 40.8 | 48.1 | -7.3 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854805-1



**Sample No.** 23128872-19
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | เสียงจากแหล่งกำเนิด (A) | เสียงขณะไม่มีการรบกวน (B) | ผลต่างระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับการรบกวน (D-E) |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:40 AM - 03:45 AM | 38.7 | 51.6 | -12.9 | 7.0 | - | 34.7 | 48.3 | -13.6 |
| 03:45 AM - 03:50 AM | 40.8 | 49.6 | -8.8 | 7.0 | - | 36.8 | 44.8 | -8.0 |
| 03:50 AM - 03:55 AM | 45.5 | 49.2 | -3.7 | 7.0 | - | 41.5 | 46.1 | -4.6 |
| 03:55 AM - 04:00 AM | 46.0 | 49.6 | -3.6 | 7.0 | - | 42.0 | 48.3 | -6.3 |
| 04:00 AM - 04:05 AM | 48.8 | 49.3 | -0.5 | 7.0 | - | 44.8 | 45.8 | -1.0 |
| 04:05 AM - 04:10 AM | 45.8 | 49.1 | -3.3 | 7.0 | - | 41.8 | 46.8 | -5.0 |
| 04:10 AM - 04:15 AM | 45.4 | 50.4 | -5.0 | 7.0 | - | 41.4 | 49.0 | -7.6 |
| 04:15 AM - 04:20 AM | 41.6 | 50.1 | -8.5 | 7.0 | - | 37.6 | 46.2 | -8.6 |
| 04:20 AM - 04:25 AM | 48.2 | 50.4 | -2.2 | 7.0 | - | 44.2 | 48.5 | -4.3 |
| 04:25 AM - 04:30 AM | 43.5 | 51.2 | -7.7 | 7.0 | - | 39.5 | 48.6 | -9.1 |
| 04:30 AM - 04:35 AM | 46.5 | 49.0 | -2.5 | 7.0 | - | 42.5 | 45.5 | -3.0 |
| 04:35 AM - 04:40 AM | 44.0 | 46.8 | -2.8 | 7.0 | - | 40.0 | 45.1 | -5.1 |
| 04:40 AM - 04:45 AM | 45.3 | 48.6 | -3.3 | 7.0 | - | 41.3 | 45.8 | -4.5 |
| 04:45 AM - 04:50 AM | 46.8 | 48.5 | -1.7 | 7.0 | - | 42.8 | 45.5 | -2.7 |
| 04:50 AM - 04:55 AM | 45.3 | 51.4 | -6.1 | 7.0 | - | 41.3 | 48.0 | -6.7 |
| 04:55 AM - 05:00 AM | 47.0 | 63.3 | -16.3 | 7.0 | - | 43.0 | 48.5 | -5.5 |
| 05:00 AM - 05:05 AM | 44.3 | 53.2 | -8.9 | 7.0 | - | 40.3 | 49.4 | -9.1 |
| 05:05 AM - 05:10 AM | 46.2 | 50.1 | -3.9 | 7.0 | - | 42.2 | 47.0 | -4.8 |
| 05:10 AM - 05:15 AM | 52.1 | 49.5 | 2.6 | 3.0 | - | 52.1 | 46.2 | 5.9 |
| 05:15 AM - 05:20 AM | 50.5 | 59.3 | -8.8 | 7.0 | - | 46.5 | 48.4 | -1.9 |
| 05:20 AM - 05:25 AM | 65.6 | 50.9 | 14.7 | 0.0 | - | 68.6 | 49.0 | 19.6 |
| 05:25 AM - 05:30 AM | 54.3 | 50.5 | 3.8 | 2.0 | - | 55.3 | 45.5 | 9.8 |
| 05:30 AM - 05:35 AM | 47.5 | 49.1 | -1.6 | 7.0 | - | 43.5 | 47.1 | -3.6 |
| 05:35 AM - 05:40 AM | 47.5 | 49.6 | -2.1 | 7.0 | - | 43.5 | 47.3 | -3.8 |
| 05:40 AM - 05:45 AM | 50.7 | 51.4 | -0.7 | 7.0 | - | 46.7 | 45.8 | 0.9 |
| 05:45 AM - 05:50 AM | 47.1 | 51.4 | -4.3 | 7.0 | - | 43.1 | 46.9 | -3.8 |
| 05:50 AM - 05:55 AM | 50.5 | 56.3 | -5.8 | 7.0 | - | 46.5 | 45.9 | 0.6 |
| 05:55 AM - 06:00 AM | 51.8 | 54.4 | -2.6 | 7.0 | - | 47.8 | 45.8 | 2.0 |
| 06:00 AM - 07:00 AM | 55.2 | 54.0 | 1.2 | 7.0 | 48.2 | - | 45.9 | 2.3 |
| 07:00 AM - 08:00 AM | 59.5 | 57.9 | 1.6 | 4.5 | 55.0 | - | 46.6 | 8.4 |
| 08:00 AM - 09:00 AM | 58.1 | 52.8 | 5.3 | 1.5 | 56.6 | - | 44.9 | 11.7 |
| 09:00 AM - 10:00 AM | 52.8 | 51.5 | 1.3 | 7.0 | 45.8 | - | 44.4 | 1.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 27-28 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-19 วันที่ตรวจวัด 27-28 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O :** RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854806-1



**Sample No.** 23128872-20
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 10:00 AM - 11:00 AM | 51.0 | 51.0 | 0.0 | 7.0 | 44.0 | - | 38.6 | 5.4 |
| 11:00 AM - 12:00 PM | 53.7 | 54.8 | -1.1 | 7.0 | 46.7 | - | 37.8 | 8.9 |
| 12:00 PM - 01:00 PM | 53.8 | 53.7 | 0.1 | 7.0 | 46.8 | - | 45.4 | 1.4 |
| 01:00 PM - 02:00 PM | 53.4 | 54.4 | -1.0 | 7.0 | 46.4 | - | 45.3 | 1.1 |
| 02:00 PM - 03:00 PM | 52.1 | 53.8 | -1.7 | 7.0 | 45.1 | - | 46.5 | -1.4 |
| 03:00 PM - 04:00 PM | 50.9 | 52.9 | -2.0 | 7.0 | 43.9 | - | 46.7 | -2.8 |
| 04:00 PM - 05:00 PM | 53.1 | 54.7 | -1.6 | 7.0 | 46.1 | - | 46.1 | 0.0 |
| 05:00 PM - 06:00 PM | 54.2 | 56.4 | -2.2 | 7.0 | 47.2 | - | 48.5 | -1.3 |
| 06:00 PM - 07:00 PM | 54.2 | 57.6 | -3.4 | 7.0 | 47.2 | - | 54.4 | -7.2 |
| 07:00 PM - 08:00 PM | 56.6 | 57.7 | -1.1 | 7.0 | 49.6 | - | 46.8 | 2.8 |
| 08:00 PM - 09:00 PM | 50.0 | 51.2 | -1.2 | 7.0 | 43.0 | - | 46.0 | -3.0 |
| 09:00 PM - 10:00 PM | 48.2 | 49.5 | -1.3 | 7.0 | 41.2 | - | 45.8 | -4.6 |
| 10:00 PM - 10:05 PM | 46.6 | 50.0 | -3.4 | 7.0 | - | 42.6 | 45.5 | -2.9 |
| 10:05 PM - 10:10 PM | 49.7 | 47.9 | 1.8 | 4.5 | - | 48.2 | 46.0 | 2.2 |
| 10:10 PM - 10:15 PM | 44.3 | 48.1 | -3.8 | 7.0 | - | 40.3 | 45.7 | -5.4 |
| 10:15 PM - 10:20 PM | 45.8 | 51.3 | -5.5 | 7.0 | - | 41.8 | 46.5 | -4.7 |
| 10:20 PM - 10:25 PM | 49.9 | 49.1 | 0.8 | 7.0 | - | 45.9 | 46.2 | -0.3 |
| 10:25 PM - 10:30 PM | 49.5 | 50.8 | -1.3 | 7.0 | - | 45.5 | 45.3 | 0.2 |
| 10:30 PM - 10:35 PM | 47.7 | 52.2 | -4.5 | 7.0 | - | 43.7 | 46.1 | -2.4 |
| 10:35 PM - 10:40 PM | 51.8 | 49.6 | 2.2 | 4.5 | - | 50.3 | 46.3 | 4.0 |
| 10:40 PM - 10:45 PM | 47.9 | 49.1 | -1.2 | 7.0 | - | 43.9 | 46.6 | -2.7 |
| 10:45 PM - 10:50 PM | 47.2 | 57.9 | -10.7 | 7.0 | - | 43.2 | 46.8 | -3.6 |
| 10:50 PM - 10:55 PM | 57.5 | 51.5 | 6.0 | 1.5 | - | 59.0 | 47.3 | 11.7 |
| 10:55 PM - 11:00 PM | 49.6 | 52.2 | -2.6 | 7.0 | - | 45.6 | 47.1 | -1.5 |
| 11:00 PM - 11:05 PM | 50.7 | 50.8 | -0.1 | 7.0 | - | 46.7 | 46.1 | 0.6 |
| 11:05 PM - 11:10 PM | 48.5 | 49.3 | -0.8 | 7.0 | - | 44.5 | 46.8 | -2.3 |
| 11:10 PM - 11:15 PM | 45.4 | 50.6 | -5.2 | 7.0 | - | 41.4 | 47.3 | -5.9 |
| 11:15 PM - 11:20 PM | 45.7 | 49.0 | -3.3 | 7.0 | - | 41.7 | 46.6 | -4.9 |
| 11:20 PM - 11:25 PM | 45.1 | 50.6 | -5.5 | 7.0 | - | 41.1 | 47.5 | -6.4 |
| 11:25 PM - 11:30 PM | 46.4 | 50.4 | -4.0 | 7.0 | - | 42.4 | 45.9 | -3.5 |
| 11:30 PM - 11:35 PM | 48.5 | 50.8 | -2.3 | 7.0 | - | 44.5 | 47.0 | -2.5 |
| 11:35 PM - 11:40 PM | 47.4 | 52.0 | -4.6 | 7.0 | - | 43.4 | 47.4 | -4.0 |
| 11:40 PM - 11:45 PM | 49.4 | 51.3 | -1.9 | 7.0 | - | 45.4 | 47.6 | -2.2 |
| 11:45 PM - 11:50 PM | 48.1 | 49.8 | -1.7 | 7.0 | - | 44.1 | 46.1 | -2.0 |
| 11:50 PM - 11:55 PM | 45.6 | 51.1 | -5.5 | 7.0 | - | 41.6 | 49.0 | -7.4 |
| 11:55 PM - 12:00 AM | 47.3 | 50.4 | -3.1 | 7.0 | - | 43.3 | 47.4 | -4.1 |
| 12:00 AM - 12:05 AM | 46.6 | 50.2 | -3.6 | 7.0 | - | 42.6 | 46.8 | -4.2 |
| 12:05 AM - 12:10 AM | 49.7 | 52.4 | -2.7 | 7.0 | - | 45.7 | 47.0 | -1.3 |
| 12:10 AM - 12:15 AM | 47.9 | 50.3 | -2.4 | 7.0 | - | 43.9 | 47.2 | -3.3 |
| 12:15 AM - 12:20 AM | 47.4 | 48.5 | -1.1 | 7.0 | - | 43.4 | 45.5 | -2.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854806-1



**Sample No.** 23128872-20
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:20 AM - 12:25 AM | 47.2 | 50.8 | -3.6 | 7.0 | - | 43.2 | 46.6 | -3.4 |
| 12:25 AM - 12:30 AM | 47.1 | 51.1 | -4.0 | 7.0 | - | 43.1 | 50.3 | -7.2 |
| 12:30 AM - 12:35 AM | 44.8 | 47.8 | -3.0 | 7.0 | - | 40.8 | 45.2 | -4.4 |
| 12:35 AM - 12:40 AM | 45.0 | 51.9 | -6.9 | 7.0 | - | 41.0 | 44.8 | -3.8 |
| 12:40 AM - 12:45 AM | 50.7 | 50.0 | 0.7 | 7.0 | - | 46.7 | 47.0 | -0.3 |
| 12:45 AM - 12:50 AM | 46.6 | 51.1 | -4.5 | 7.0 | - | 42.6 | 49.2 | -6.6 |
| 12:50 AM - 12:55 AM | 48.9 | 50.9 | -2.0 | 7.0 | - | 44.9 | 45.5 | -0.6 |
| 12:55 AM - 01:00 AM | 46.3 | 49.4 | -3.1 | 7.0 | - | 42.3 | 47.0 | -4.7 |
| 01:00 AM - 01:05 AM | 45.5 | 50.6 | -5.1 | 7.0 | - | 41.5 | 46.7 | -5.2 |
| 01:05 AM - 01:10 AM | 48.0 | 52.4 | -4.4 | 7.0 | - | 44.0 | 47.5 | -3.5 |
| 01:10 AM - 01:15 AM | 50.5 | 55.7 | -5.2 | 7.0 | - | 46.5 | 46.6 | -0.1 |
| 01:15 AM - 01:20 AM | 54.2 | 51.1 | 3.1 | 3.0 | - | 54.2 | 46.7 | 7.5 |
| 01:20 AM - 01:25 AM | 48.6 | 48.2 | 0.4 | 7.0 | - | 44.6 | 46.6 | -2.0 |
| 01:25 AM - 01:30 AM | 45.6 | 47.0 | -1.4 | 7.0 | - | 41.6 | 45.4 | -3.8 |
| 01:30 AM - 01:35 AM | 45.1 | 46.7 | -1.6 | 7.0 | - | 41.1 | 46.0 | -4.9 |
| 01:35 AM - 01:40 AM | 44.9 | 50.4 | -5.5 | 7.0 | - | 40.9 | 47.6 | -6.7 |
| 01:40 AM - 01:45 AM | 45.5 | 48.6 | -3.1 | 7.0 | - | 41.5 | 45.3 | -3.8 |
| 01:45 AM - 01:50 AM | 45.8 | 49.2 | -3.4 | 7.0 | - | 41.8 | 46.3 | -4.5 |
| 01:50 AM - 01:55 AM | 45.1 | 47.7 | -2.6 | 7.0 | - | 41.1 | 46.4 | -5.3 |
| 01:55 AM - 02:00 AM | 46.2 | 51.9 | -5.7 | 7.0 | - | 42.2 | 45.4 | -3.2 |
| 02:00 AM - 02:05 AM | 50.1 | 49.3 | 0.8 | 7.0 | - | 46.1 | 46.9 | -0.8 |
| 02:05 AM - 02:10 AM | 45.8 | 48.7 | -2.9 | 7.0 | - | 41.8 | 46.9 | -5.1 |
| 02:10 AM - 02:15 AM | 45.9 | 49.8 | -3.9 | 7.0 | - | 41.9 | 47.5 | -5.6 |
| 02:15 AM - 02:20 AM | 47.3 | 49.6 | -2.3 | 7.0 | - | 43.3 | 47.5 | -4.2 |
| 02:20 AM - 02:25 AM | 45.9 | 51.1 | -5.2 | 7.0 | - | 41.9 | 46.7 | -4.8 |
| 02:25 AM - 02:30 AM | 47.9 | 51.6 | -3.7 | 7.0 | - | 43.9 | 49.2 | -5.3 |
| 02:30 AM - 02:35 AM | 48.2 | 49.6 | -1.4 | 7.0 | - | 44.2 | 48.0 | -3.8 |
| 02:35 AM - 02:40 AM | 45.3 | 48.7 | -3.4 | 7.0 | - | 41.3 | 46.4 | -5.1 |
| 02:40 AM - 02:45 AM | 44.7 | 49.5 | -4.8 | 7.0 | - | 40.7 | 46.6 | -5.9 |
| 02:45 AM - 02:50 AM | 45.0 | 48.7 | -3.7 | 7.0 | - | 41.0 | 46.1 | -5.1 |
| 02:50 AM - 02:55 AM | 47.6 | 49.0 | -1.4 | 7.0 | - | 43.6 | 46.5 | -2.9 |
| 02:55 AM - 03:00 AM | 45.4 | 49.7 | -4.3 | 7.0 | - | 41.4 | 48.2 | -6.8 |
| 03:00 AM - 03:05 AM | 45.0 | 48.5 | -3.5 | 7.0 | - | 41.0 | 45.7 | -4.7 |
| 03:05 AM - 03:10 AM | 46.2 | 50.9 | -4.7 | 7.0 | - | 42.2 | 49.3 | -7.1 |
| 03:10 AM - 03:15 AM | 46.4 | 50.3 | -3.9 | 7.0 | - | 42.4 | 47.6 | -5.2 |
| 03:15 AM - 03:20 AM | 47.0 | 50.6 | -3.6 | 7.0 | - | 43.0 | 47.9 | -4.9 |
| 03:20 AM - 03:25 AM | 45.4 | 49.5 | -4.1 | 7.0 | - | 41.4 | 47.8 | -6.4 |
| 03:25 AM - 03:30 AM | 45.2 | 49.4 | -4.2 | 7.0 | - | 41.2 | 46.3 | -5.1 |
| 03:30 AM - 03:35 AM | 45.8 | 49.8 | -4.0 | 7.0 | - | 41.8 | 45.7 | -3.9 |
| 03:35 AM - 03:40 AM | 44.9 | 52.1 | -7.2 | 7.0 | - | 40.9 | 49.3 | -8.4 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854806-1



**Sample No.** 23128872-20
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | เสียงจากแหล่งกำเนิด (A) | เสียงขณะไม่มีการรบกวน (B) | ผลต่างระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับการรบกวน (D-E) |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:40 AM - 03:45 AM | 48.3 | 52.8 | -4.5 | 7.0 | - | 44.3 | 49.5 | -5.2 |
| 03:45 AM - 03:50 AM | 49.7 | 50.8 | -1.1 | 7.0 | - | 45.7 | 46.0 | -0.3 |
| 03:50 AM - 03:55 AM | 46.9 | 50.4 | -3.5 | 7.0 | - | 42.9 | 47.3 | -4.4 |
| 03:55 AM - 04:00 AM | 45.3 | 50.8 | -5.5 | 7.0 | - | 41.3 | 49.5 | -8.2 |
| 04:00 AM - 04:05 AM | 45.4 | 50.5 | -5.1 | 7.0 | - | 41.4 | 47.0 | -5.6 |
| 04:05 AM - 04:10 AM | 47.0 | 50.3 | -3.3 | 7.0 | - | 43.0 | 48.0 | -5.0 |
| 04:10 AM - 04:15 AM | 46.0 | 51.6 | -5.6 | 7.0 | - | 42.0 | 50.2 | -8.2 |
| 04:15 AM - 04:20 AM | 45.0 | 51.3 | -6.3 | 7.0 | - | 41.0 | 47.4 | -6.4 |
| 04:20 AM - 04:25 AM | 46.0 | 51.6 | -5.6 | 7.0 | - | 42.0 | 49.7 | -7.7 |
| 04:25 AM - 04:30 AM | 46.3 | 52.4 | -6.1 | 7.0 | - | 42.3 | 49.8 | -7.5 |
| 04:30 AM - 04:35 AM | 49.0 | 50.2 | -1.2 | 7.0 | - | 45.0 | 46.7 | -1.7 |
| 04:35 AM - 04:40 AM | 47.8 | 48.0 | -0.2 | 7.0 | - | 43.8 | 46.3 | -2.5 |
| 04:40 AM - 04:45 AM | 45.5 | 49.8 | -4.3 | 7.0 | - | 41.5 | 47.0 | -5.5 |
| 04:45 AM - 04:50 AM | 46.5 | 49.7 | -3.2 | 7.0 | - | 42.5 | 46.7 | -4.2 |
| 04:50 AM - 04:55 AM | 45.9 | 52.6 | -6.7 | 7.0 | - | 41.9 | 49.2 | -7.3 |
| 04:55 AM - 05:00 AM | 50.6 | 64.5 | -13.9 | 7.0 | - | 46.6 | 49.7 | -3.1 |
| 05:00 AM - 05:05 AM | 64.0 | 54.4 | 9.6 | 0.5 | - | 66.5 | 50.6 | 15.9 |
| 05:05 AM - 05:10 AM | 50.9 | 51.3 | -0.4 | 7.0 | - | 46.9 | 48.2 | -1.3 |
| 05:10 AM - 05:15 AM | 47.3 | 50.7 | -3.4 | 7.0 | - | 43.3 | 47.4 | -4.1 |
| 05:15 AM - 05:20 AM | 48.5 | 60.5 | -12.0 | 7.0 | - | 44.5 | 49.6 | -5.1 |
| 05:20 AM - 05:25 AM | 59.9 | 52.1 | 7.8 | 0.5 | - | 62.4 | 50.2 | 12.2 |
| 05:25 AM - 05:30 AM | 48.4 | 51.7 | -3.3 | 7.0 | - | 44.4 | 46.7 | -2.3 |
| 05:30 AM - 05:35 AM | 48.7 | 50.3 | -1.6 | 7.0 | - | 44.7 | 48.3 | -3.6 |
| 05:35 AM - 05:40 AM | 46.4 | 50.8 | -4.4 | 7.0 | - | 42.4 | 48.5 | -6.1 |
| 05:40 AM - 05:45 AM | 47.0 | 52.6 | -5.6 | 7.0 | - | 43.0 | 47.0 | -4.0 |
| 05:45 AM - 05:50 AM | 50.6 | 52.6 | -2.0 | 7.0 | - | 46.6 | 48.1 | -1.5 |
| 05:50 AM - 05:55 AM | 50.2 | 57.5 | -7.3 | 7.0 | - | 46.2 | 47.1 | -0.9 |
| 05:55 AM - 06:00 AM | 58.4 | 55.6 | 2.8 | 3.0 | - | 58.4 | 47.0 | 11.4 |
| 06:00 AM - 07:00 AM | 53.0 | 55.2 | -2.2 | 7.0 | 46.0 | - | 47.1 | -1.1 |
| 07:00 AM - 08:00 AM | 58.6 | 59.1 | -0.5 | 7.0 | 51.6 | - | 47.8 | 3.8 |
| 08:00 AM - 09:00 AM | 53.3 | 54.0 | -0.7 | 7.0 | 46.3 | - | 46.1 | 0.2 |
| 09:00 AM - 10:00 AM | 51.9 | 52.7 | -0.8 | 7.0 | 44.9 | - | 45.6 | -0.7 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-20 วันที่ตรวจวัด 28-29 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854807-1



**Sample No.** 23128872-21
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 10:00 AM - 11:00 AM | 56.5 | 54.7 | 1.8 | 4.5 | 52.0 | - | 45.0 | 7.0 |
| 11:00 AM - 12:00 PM | 53.9 | 51.9 | 2.0 | 4.5 | 49.4 | - | 43.4 | 6.0 |
| 12:00 PM - 01:00 PM | 55.6 | 53.5 | 2.1 | 4.5 | 51.1 | - | 43.1 | 8.0 |
| 01:00 PM - 02:00 PM | 53.1 | 51.3 | 1.8 | 4.5 | 48.6 | - | 42.6 | 6.0 |
| 02:00 PM - 03:00 PM | 54.2 | 49.2 | 5.0 | 1.5 | 52.7 | - | 41.0 | 11.7 |
| 03:00 PM - 04:00 PM | 57.3 | 52.5 | 4.8 | 1.5 | 55.8 | - | 46.5 | 9.3 |
| 04:00 PM - 05:00 PM | 55.0 | 53.3 | 1.7 | 4.5 | 50.5 | - | 48.4 | 2.1 |
| 05:00 PM - 06:00 PM | 54.9 | 51.9 | 3.0 | 3.0 | 51.9 | - | 43.8 | 8.1 |
| 06:00 PM - 07:00 PM | 54.4 | 52.6 | 1.8 | 4.5 | 49.9 | - | 48.5 | 1.4 |
| 07:00 PM - 08:00 PM | 53.3 | 52.7 | 0.6 | 7.0 | 46.3 | - | 47.7 | -1.4 |
| 08:00 PM - 09:00 PM | 54.7 | 50.5 | 4.2 | 2.0 | 52.7 | - | 45.8 | 6.9 |
| 09:00 PM - 10:00 PM | 55.6 | 49.5 | 6.1 | 1.5 | 54.1 | - | 43.4 | 10.7 |
| 10:00 PM - 10:05 PM | 50.2 | 46.4 | 3.8 | 2.0 | - | 51.2 | 42.6 | 8.6 |
| 10:05 PM - 10:10 PM | 48.6 | 46.4 | 2.2 | 4.5 | - | 47.1 | 43.0 | 4.1 |
| 10:10 PM - 10:15 PM | 48.6 | 50.4 | -1.8 | 7.0 | - | 44.6 | 43.2 | 1.4 |
| 10:15 PM - 10:20 PM | 51.1 | 46.2 | 4.9 | 1.5 | - | 52.6 | 43.1 | 9.5 |
| 10:20 PM - 10:25 PM | 52.3 | 44.8 | 7.5 | 0.5 | - | 54.8 | 43.2 | 11.6 |
| 10:25 PM - 10:30 PM | 52.3 | 48.2 | 4.1 | 2.0 | - | 53.3 | 43.2 | 10.1 |
| 10:30 PM - 10:35 PM | 49.6 | 50.3 | -0.7 | 7.0 | - | 45.6 | 43.1 | 2.5 |
| 10:35 PM - 10:40 PM | 63.2 | 46.4 | 16.8 | 0.0 | - | 66.2 | 41.7 | 24.5 |
| 10:40 PM - 10:45 PM | 47.6 | 47.7 | -0.1 | 7.0 | - | 43.6 | 42.0 | 1.6 |
| 10:45 PM - 10:50 PM | 46.3 | 48.6 | -2.3 | 7.0 | - | 42.3 | 43.4 | -1.1 |
| 10:50 PM - 10:55 PM | 50.6 | 49.3 | 1.3 | 7.0 | - | 46.6 | 43.2 | 3.4 |
| 10:55 PM - 11:00 PM | 59.9 | 48.7 | 11.2 | 0.5 | - | 62.4 | 43.4 | 19.0 |
| 11:00 PM - 11:05 PM | 59.8 | 50.9 | 8.9 | 0.5 | - | 62.3 | 43.8 | 18.5 |
| 11:05 PM - 11:10 PM | 51.1 | 48.7 | 2.4 | 4.5 | - | 49.6 | 44.8 | 4.8 |
| 11:10 PM - 11:15 PM | 46.9 | 48.1 | -1.2 | 7.0 | - | 42.9 | 42.4 | 0.5 |
| 11:15 PM - 11:20 PM | 49.2 | 47.6 | 1.6 | 4.5 | - | 47.7 | 42.8 | 4.9 |
| 11:20 PM - 11:25 PM | 46.4 | 48.3 | -1.9 | 7.0 | - | 42.4 | 43.4 | -1.0 |
| 11:25 PM - 11:30 PM | 50.2 | 47.9 | 2.3 | 4.5 | - | 48.7 | 42.5 | 6.2 |
| 11:30 PM - 11:35 PM | 50.1 | 49.0 | 1.1 | 7.0 | - | 46.1 | 43.1 | 3.0 |
| 11:35 PM - 11:40 PM | 49.0 | 46.3 | 2.7 | 3.0 | - | 49.0 | 42.0 | 7.0 |
| 11:40 PM - 11:45 PM | 47.6 | 46.5 | 1.1 | 7.0 | - | 43.6 | 41.4 | 2.2 |
| 11:45 PM - 11:50 PM | 44.9 | 47.1 | -2.2 | 7.0 | - | 40.9 | 41.7 | -0.8 |
| 11:50 PM - 11:55 PM | 50.1 | 46.3 | 3.8 | 2.0 | - | 51.1 | 42.6 | 8.5 |
| 11:55 PM - 12:00 AM | 46.1 | 47.9 | -1.8 | 7.0 | - | 42.1 | 42.5 | -0.4 |
| 12:00 AM - 12:05 AM | 47.9 | 47.5 | 0.4 | 7.0 | - | 43.9 | 41.9 | 2.0 |
| 12:05 AM - 12:10 AM | 50.3 | 48.1 | 2.2 | 4.5 | - | 48.8 | 42.8 | 6.0 |
| 12:10 AM - 12:15 AM | 50.3 | 46.1 | 4.2 | 2.0 | - | 51.3 | 43.4 | 7.9 |
| 12:15 AM - 12:20 AM | 48.2 | 45.8 | 2.4 | 4.5 | - | 46.7 | 42.6 | 4.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854807-1



**Sample No.** 23128872-21
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:20 AM - 12:25 AM | 50.9 | 44.3 | 6.6 | 1.0 | - | 52.9 | 41.5 | 11.4 |
| 12:25 AM - 12:30 AM | 55.2 | 45.5 | 9.7 | 0.5 | - | 57.7 | 40.9 | 16.8 |
| 12:30 AM - 12:35 AM | 51.3 | 43.3 | 8.0 | 0.5 | - | 53.8 | 41.2 | 12.6 |
| 12:35 AM - 12:40 AM | 50.4 | 46.9 | 3.5 | 2.0 | - | 51.4 | 41.3 | 10.1 |
| 12:40 AM - 12:45 AM | 47.0 | 46.0 | 1.0 | 7.0 | - | 43.0 | 41.9 | 1.1 |
| 12:45 AM - 12:50 AM | 47.1 | 49.4 | -2.3 | 7.0 | - | 43.1 | 43.5 | -0.4 |
| 12:50 AM - 12:55 AM | 48.2 | 45.2 | 3.0 | 3.0 | - | 48.2 | 40.5 | 7.7 |
| 12:55 AM - 01:00 AM | 46.7 | 44.9 | 1.8 | 4.5 | - | 45.2 | 43.2 | 2.0 |
| 01:00 AM - 01:05 AM | 52.2 | 46.8 | 5.4 | 1.5 | - | 53.7 | 41.4 | 12.3 |
| 01:05 AM - 01:10 AM | 47.6 | 48.1 | -0.5 | 7.0 | - | 43.6 | 41.4 | 2.2 |
| 01:10 AM - 01:15 AM | 56.8 | 44.7 | 12.1 | 0.5 | - | 59.3 | 42.6 | 16.7 |
| 01:15 AM - 01:20 AM | 51.2 | 45.8 | 5.4 | 1.5 | - | 52.7 | 40.9 | 11.8 |
| 01:20 AM - 01:25 AM | 53.8 | 43.8 | 10.0 | 0.5 | - | 56.3 | 40.9 | 15.4 |
| 01:25 AM - 01:30 AM | 46.9 | 43.6 | 3.3 | 3.0 | - | 46.9 | 40.2 | 6.7 |
| 01:30 AM - 01:35 AM | 47.3 | 43.5 | 3.8 | 2.0 | - | 48.3 | 41.4 | 6.9 |
| 01:35 AM - 01:40 AM | 47.1 | 44.3 | 2.8 | 3.0 | - | 47.1 | 42.7 | 4.4 |
| 01:40 AM - 01:45 AM | 46.9 | 43.7 | 3.2 | 3.0 | - | 46.9 | 40.2 | 6.7 |
| 01:45 AM - 01:50 AM | 47.6 | 43.4 | 4.2 | 2.0 | - | 48.6 | 41.6 | 7.0 |
| 01:50 AM - 01:55 AM | 47.4 | 44.4 | 3.0 | 3.0 | - | 47.4 | 41.4 | 6.0 |
| 01:55 AM - 02:00 AM | 46.9 | 45.7 | 1.2 | 7.0 | - | 42.9 | 42.5 | 0.4 |
| 02:00 AM - 02:05 AM | 48.5 | 47.0 | 1.5 | 4.5 | - | 47.0 | 43.0 | 4.0 |
| 02:05 AM - 02:10 AM | 48.1 | 44.2 | 3.9 | 2.0 | - | 49.1 | 41.5 | 7.6 |
| 02:10 AM - 02:15 AM | 46.8 | 47.2 | -0.4 | 7.0 | - | 42.8 | 44.3 | -1.5 |
| 02:15 AM - 02:20 AM | 49.7 | 45.0 | 4.7 | 1.5 | - | 51.2 | 41.9 | 9.3 |
| 02:20 AM - 02:25 AM | 49.9 | 46.9 | 3.0 | 3.0 | - | 49.9 | 42.6 | 7.3 |
| 02:25 AM - 02:30 AM | 48.9 | 45.4 | 3.5 | 2.0 | - | 49.9 | 42.5 | 7.4 |
| 02:30 AM - 02:35 AM | 47.3 | 49.3 | -2.0 | 7.0 | - | 43.3 | 42.3 | 1.0 |
| 02:35 AM - 02:40 AM | 49.1 | 49.1 | 0.0 | 7.0 | - | 45.1 | 43.6 | 1.5 |
| 02:40 AM - 02:45 AM | 56.2 | 45.8 | 10.4 | 0.5 | - | 58.7 | 42.7 | 16.0 |
| 02:45 AM - 02:50 AM | 48.6 | 57.2 | -8.6 | 7.0 | - | 44.6 | 44.3 | 0.3 |
| 02:50 AM - 02:55 AM | 50.2 | 45.5 | 4.7 | 1.5 | - | 51.7 | 42.9 | 8.8 |
| 02:55 AM - 03:00 AM | 48.1 | 50.4 | -2.3 | 7.0 | - | 44.1 | 44.0 | 0.1 |
| 03:00 AM - 03:05 AM | 49.7 | 45.0 | 4.7 | 1.5 | - | 51.2 | 42.5 | 8.7 |
| 03:05 AM - 03:10 AM | 48.0 | 59.3 | -11.3 | 7.0 | - | 44.0 | 43.1 | 0.9 |
| 03:10 AM - 03:15 AM | 49.4 | 43.8 | 5.6 | 1.5 | - | 50.9 | 42.3 | 8.6 |
| 03:15 AM - 03:20 AM | 48.3 | 43.8 | 4.5 | 1.5 | - | 49.8 | 41.6 | 8.2 |
| 03:20 AM - 03:25 AM | 48.8 | 45.2 | 3.6 | 2.0 | - | 49.8 | 41.7 | 8.1 |
| 03:25 AM - 03:30 AM | 47.4 | 45.6 | 1.8 | 4.5 | - | 45.9 | 42.4 | 3.5 |
| 03:30 AM - 03:35 AM | 47.6 | 46.0 | 1.6 | 4.5 | - | 46.1 | 44.2 | 1.9 |
| 03:35 AM - 03:40 AM | 47.9 | 45.4 | 2.5 | 3.0 | - | 47.9 | 42.9 | 5.0 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854807-1



**Sample No.** 23128872-21
**Parameter** เสียงรบกวน
**Location** บ้านซากหิน (N3) (GPS 47P 0751712, 1426378)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296515

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | เสียงจากแหล่งกำเนิด (A) | เสียงขณะไม่มีการรบกวน (B) | ผลต่างระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับการรบกวน (D-E) |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:40 AM - 03:45 AM | 47.7 | 45.2 | 2.5 | 3.0 | - | 47.7 | 42.8 | 4.9 |
| 03:45 AM - 03:50 AM | 52.2 | 45.7 | 6.5 | 1.0 | - | 54.2 | 41.6 | 12.6 |
| 03:50 AM - 03:55 AM | 53.4 | 45.7 | 7.7 | 0.5 | - | 55.9 | 43.2 | 12.7 |
| 03:55 AM - 04:00 AM | 48.3 | 47.2 | 1.1 | 7.0 | - | 44.3 | 44.8 | -0.5 |
| 04:00 AM - 04:05 AM | 47.8 | 46.5 | 1.3 | 7.0 | - | 43.8 | 44.1 | -0.3 |
| 04:05 AM - 04:10 AM | 47.2 | 46.5 | 0.7 | 7.0 | - | 43.2 | 44.6 | -1.4 |
| 04:10 AM - 04:15 AM | 59.6 | 44.6 | 15.0 | 0.0 | - | 62.6 | 41.7 | 20.9 |
| 04:15 AM - 04:20 AM | 48.4 | 45.8 | 2.6 | 3.0 | - | 48.4 | 44.3 | 4.1 |
| 04:20 AM - 04:25 AM | 47.9 | 45.7 | 2.2 | 4.5 | - | 46.4 | 43.9 | 2.5 |
| 04:25 AM - 04:30 AM | 47.9 | 44.8 | 3.1 | 3.0 | - | 47.9 | 42.7 | 5.2 |
| 04:30 AM - 04:35 AM | 48.8 | 47.1 | 1.7 | 4.5 | - | 47.3 | 45.3 | 2.0 |
| 04:35 AM - 04:40 AM | 47.0 | 46.0 | 1.0 | 7.0 | - | 43.0 | 42.7 | 0.3 |
| 04:40 AM - 04:45 AM | 48.2 | 46.5 | 1.7 | 4.5 | - | 46.7 | 44.6 | 2.1 |
| 04:45 AM - 04:50 AM | 49.8 | 45.9 | 3.9 | 2.0 | - | 50.8 | 43.8 | 7.0 |
| 04:50 AM - 04:55 AM | 49.5 | 47.2 | 2.3 | 4.5 | - | 48.0 | 43.8 | 4.2 |
| 04:55 AM - 05:00 AM | 49.8 | 46.1 | 3.7 | 2.0 | - | 50.8 | 43.8 | 7.0 |
| 05:00 AM - 05:05 AM | 49.1 | 46.6 | 2.5 | 3.0 | - | 49.1 | 44.0 | 5.1 |
| 05:05 AM - 05:10 AM | 48.5 | 55.2 | -6.7 | 7.0 | - | 44.5 | 44.6 | -0.1 |
| 05:10 AM - 05:15 AM | 58.4 | 48.8 | 9.6 | 0.5 | - | 60.9 | 44.6 | 16.3 |
| 05:15 AM - 05:20 AM | 54.1 | 50.7 | 3.4 | 3.0 | - | 54.1 | 44.8 | 9.3 |
| 05:20 AM - 05:25 AM | 55.2 | 48.9 | 6.3 | 1.5 | - | 56.7 | 44.1 | 12.6 |
| 05:25 AM - 05:30 AM | 49.9 | 47.5 | 2.4 | 4.5 | - | 48.4 | 44.9 | 3.5 |
| 05:30 AM - 05:35 AM | 63.6 | 58.0 | 5.6 | 1.5 | - | 65.1 | 45.1 | 20.0 |
| 05:35 AM - 05:40 AM | 57.0 | 48.9 | 8.1 | 0.5 | - | 59.5 | 45.1 | 14.4 |
| 05:40 AM - 05:45 AM | 52.3 | 47.3 | 5.0 | 1.5 | - | 53.8 | 45.3 | 8.5 |
| 05:45 AM - 05:50 AM | 53.7 | 49.2 | 4.5 | 1.5 | - | 55.2 | 46.2 | 9.0 |
| 05:50 AM - 05:55 AM | 51.0 | 48.7 | 2.3 | 4.5 | - | 49.5 | 45.7 | 3.8 |
| 05:55 AM - 06:00 AM | 56.9 | 53.5 | 3.4 | 3.0 | - | 56.9 | 45.9 | 11.0 |
| 06:00 AM - 07:00 AM | 57.4 | 50.0 | 7.4 | 1.0 | 56.4 | - | 44.6 | 11.8 |
| 07:00 AM - 08:00 AM | 57.8 | 52.7 | 5.1 | 1.5 | 56.3 | - | 43.0 | 13.3 |
| 08:00 AM - 09:00 AM | 56.1 | 50.1 | 6.0 | 1.5 | 54.6 | - | 42.2 | 12.4 |
| 09:00 AM - 10:00 AM | 55.3 | 53.1 | 2.2 | 4.5 | 50.8 | - | 43.4 | 7.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-21 วันที่ตรวจวัด 29-30 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854808-1



**Sample No.** 23128872-22
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 09:00 AM - 10:00 AM | 53.4 | 49.5 | 3.9 | 2.0 | 51.4 | - | 41.1 | 10.3 |
| 10:00 AM - 11:00 AM | 53.3 | 48.2 | 5.1 | 1.5 | 51.8 | - | 39.9 | 11.9 |
| 11:00 AM - 12:00 PM | 50.4 | 49.2 | 1.2 | 7.0 | 43.4 | - | 40.6 | 2.8 |
| 12:00 PM - 01:00 PM | 50.5 | 50.0 | 0.5 | 7.0 | 43.5 | - | 40.0 | 3.5 |
| 01:00 PM - 02:00 PM | 51.3 | 47.5 | 3.8 | 2.0 | 49.3 | - | 38.0 | 11.3 |
| 02:00 PM - 03:00 PM | 53.3 | 47.5 | 5.8 | 1.5 | 51.8 | - | 38.1 | 13.7 |
| 03:00 PM - 04:00 PM | 52.6 | 52.9 | -0.3 | 7.0 | 45.6 | - | 41.8 | 3.8 |
| 04:00 PM - 05:00 PM | 52.7 | 51.7 | 1.0 | 7.0 | 45.7 | - | 43.6 | 2.1 |
| 05:00 PM - 06:00 PM | 54.0 | 54.2 | -0.2 | 7.0 | 47.0 | - | 45.9 | 1.1 |
| 06:00 PM - 07:00 PM | 53.3 | 53.1 | 0.2 | 7.0 | 46.3 | - | 46.0 | 0.3 |
| 07:00 PM - 08:00 PM | 52.6 | 53.5 | -0.9 | 7.0 | 45.6 | - | 46.9 | -1.3 |
| 08:00 PM - 09:00 PM | 52.4 | 53.4 | -1.0 | 7.0 | 45.4 | - | 46.5 | -1.1 |
| 09:00 PM - 10:00 PM | 48.1 | 49.0 | -0.9 | 7.0 | 41.1 | - | 44.3 | -3.2 |
| 10:00 PM - 10:05 PM | 46.3 | 46.1 | 0.2 | 7.0 | - | 42.3 | 42.8 | -0.5 |
| 10:05 PM - 10:10 PM | 47.2 | 46.6 | 0.6 | 7.0 | - | 43.2 | 43.5 | -0.3 |
| 10:10 PM - 10:15 PM | 46.2 | 46.8 | -0.6 | 7.0 | - | 42.2 | 43.5 | -1.3 |
| 10:15 PM - 10:20 PM | 45.5 | 44.6 | 0.9 | 7.0 | - | 41.5 | 43.5 | -2.0 |
| 10:20 PM - 10:25 PM | 45.1 | 44.5 | 0.6 | 7.0 | - | 41.1 | 43.5 | -2.4 |
| 10:25 PM - 10:30 PM | 45.3 | 44.6 | 0.7 | 7.0 | - | 41.3 | 43.3 | -2.0 |
| 10:30 PM - 10:35 PM | 47.0 | 47.5 | -0.5 | 7.0 | - | 43.0 | 44.2 | -1.2 |
| 10:35 PM - 10:40 PM | 49.0 | 50.0 | -1.0 | 7.0 | - | 45.0 | 45.1 | -0.1 |
| 10:40 PM - 10:45 PM | 46.9 | 47.2 | -0.3 | 7.0 | - | 42.9 | 44.9 | -2.0 |
| 10:45 PM - 10:50 PM | 45.4 | 45.8 | -0.4 | 7.0 | - | 41.4 | 43.9 | -2.5 |
| 10:50 PM - 10:55 PM | 48.1 | 48.6 | -0.5 | 7.0 | - | 44.1 | 43.4 | 0.7 |
| 10:55 PM - 11:00 PM | 45.9 | 45.9 | 0.0 | 7.0 | - | 41.9 | 42.8 | -0.9 |
| 11:00 PM - 11:05 PM | 44.4 | 44.2 | 0.2 | 7.0 | - | 40.4 | 42.9 | -2.5 |
| 11:05 PM - 11:10 PM | 44.3 | 44.0 | 0.3 | 7.0 | - | 40.3 | 43.1 | -2.8 |
| 11:10 PM - 11:15 PM | 45.1 | 45.6 | -0.5 | 7.0 | - | 41.1 | 43.6 | -2.5 |
| 11:15 PM - 11:20 PM | 44.2 | 43.7 | 0.5 | 7.0 | - | 40.2 | 43.0 | -2.8 |
| 11:20 PM - 11:25 PM | 45.3 | 45.1 | 0.2 | 7.0 | - | 41.3 | 42.3 | -1.0 |
| 11:25 PM - 11:30 PM | 53.4 | 55.0 | -1.6 | 7.0 | - | 49.4 | 42.2 | 7.2 |
| 11:30 PM - 11:35 PM | 44.3 | 42.5 | 1.8 | 4.5 | - | 42.8 | 41.9 | 0.9 |
| 11:35 PM - 11:40 PM | 45.4 | 44.6 | 0.8 | 7.0 | - | 41.4 | 42.4 | -1.0 |
| 11:40 PM - 11:45 PM | 45.0 | 43.4 | 1.6 | 4.5 | - | 43.5 | 42.8 | 0.7 |
| 11:45 PM - 11:50 PM | 45.5 | 44.2 | 1.3 | 7.0 | - | 41.5 | 43.3 | -1.8 |
| 11:50 PM - 11:55 PM | 45.4 | 43.8 | 1.6 | 4.5 | - | 43.9 | 43.2 | 0.7 |
| 11:55 PM - 12:00 AM | 45.9 | 45.4 | 0.5 | 7.0 | - | 41.9 | 43.0 | -1.1 |
| 12:00 AM - 12:05 AM | 46.3 | 46.1 | 0.2 | 7.0 | - | 42.3 | 43.0 | -0.7 |
| 12:05 AM - 12:10 AM | 44.8 | 43.9 | 0.9 | 7.0 | - | 40.8 | 42.8 | -2.0 |
| 12:10 AM - 12:15 AM | 44.8 | 43.6 | 1.2 | 7.0 | - | 40.8 | 41.9 | -1.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854808-1



**Sample No.** 23128872-22
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิด (D) กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:15 AM - 12:20 AM | 45.3 | 45.1 | 0.2 | 7.0 | - | 41.3 | 42.2 | -0.9 |
| 12:20 AM - 12:25 AM | 45.6 | 46.1 | -0.5 | 7.0 | - | 41.6 | 42.1 | -0.5 |
| 12:25 AM - 12:30 AM | 44.8 | 42.9 | 1.9 | 4.5 | - | 43.3 | 41.5 | 1.8 |
| 12:30 AM - 12:35 AM | 45.9 | 44.3 | 1.6 | 4.5 | - | 44.4 | 42.0 | 2.4 |
| 12:35 AM - 12:40 AM | 45.5 | 43.6 | 1.9 | 4.5 | - | 44.0 | 42.7 | 1.3 |
| 12:40 AM - 12:45 AM | 45.1 | 43.3 | 1.8 | 4.5 | - | 43.6 | 42.6 | 1.0 |
| 12:45 AM - 12:50 AM | 46.0 | 45.3 | 0.7 | 7.0 | - | 42.0 | 42.4 | -0.4 |
| 12:50 AM - 12:55 AM | 45.0 | 44.7 | 0.3 | 7.0 | - | 41.0 | 43.0 | -2.0 |
| 12:55 AM - 01:00 AM | 46.8 | 46.5 | 0.3 | 7.0 | - | 42.8 | 43.3 | -0.5 |
| 01:00 AM - 01:05 AM | 45.4 | 44.5 | 0.9 | 7.0 | - | 41.4 | 43.3 | -1.9 |
| 01:05 AM - 01:10 AM | 47.3 | 45.2 | 2.1 | 4.5 | - | 45.8 | 43.4 | 2.4 |
| 01:10 AM - 01:15 AM | 44.9 | 47.2 | -2.3 | 7.0 | - | 40.9 | 43.7 | -2.8 |
| 01:15 AM - 01:20 AM | 45.0 | 44.4 | 0.6 | 7.0 | - | 41.0 | 43.3 | -2.3 |
| 01:20 AM - 01:25 AM | 45.4 | 44.7 | 0.7 | 7.0 | - | 41.4 | 44.0 | -2.6 |
| 01:25 AM - 01:30 AM | 45.9 | 46.3 | -0.4 | 7.0 | - | 41.9 | 43.2 | -1.3 |
| 01:30 AM - 01:35 AM | 44.7 | 44.2 | 0.5 | 7.0 | - | 40.7 | 43.0 | -2.3 |
| 01:35 AM - 01:40 AM | 45.9 | 45.5 | 0.4 | 7.0 | - | 41.9 | 42.6 | -0.7 |
| 01:40 AM - 01:45 AM | 44.6 | 43.6 | 1.0 | 7.0 | - | 40.6 | 42.8 | -2.2 |
| 01:45 AM - 01:50 AM | 45.5 | 44.5 | 1.0 | 7.0 | - | 41.5 | 43.5 | -2.0 |
| 01:50 AM - 01:55 AM | 45.3 | 44.8 | 0.5 | 7.0 | - | 41.3 | 43.9 | -2.6 |
| 01:55 AM - 02:00 AM | 44.4 | 44.5 | -0.1 | 7.0 | - | 40.4 | 43.7 | -3.3 |
| 02:00 AM - 02:05 AM | 44.5 | 44.1 | 0.4 | 7.0 | - | 40.5 | 43.4 | -2.9 |
| 02:05 AM - 02:10 AM | 45.7 | 45.6 | 0.1 | 7.0 | - | 41.7 | 44.7 | -3.0 |
| 02:10 AM - 02:15 AM | 45.5 | 47.2 | -1.7 | 7.0 | - | 41.5 | 44.1 | -2.6 |
| 02:15 AM - 02:20 AM | 46.3 | 46.1 | 0.2 | 7.0 | - | 42.3 | 42.9 | -0.6 |
| 02:20 AM - 02:25 AM | 44.7 | 43.4 | 1.3 | 7.0 | - | 40.7 | 42.4 | -1.7 |
| 02:25 AM - 02:30 AM | 44.2 | 43.2 | 1.0 | 7.0 | - | 40.2 | 42.5 | -2.3 |
| 02:30 AM - 02:35 AM | 44.3 | 42.8 | 1.5 | 4.5 | - | 42.8 | 42.2 | 0.6 |
| 02:35 AM - 02:40 AM | 45.9 | 45.7 | 0.2 | 7.0 | - | 41.9 | 42.1 | -0.2 |
| 02:40 AM - 02:45 AM | 44.5 | 43.0 | 1.5 | 4.5 | - | 43.0 | 42.1 | 0.9 |
| 02:45 AM - 02:50 AM | 46.4 | 46.1 | 0.3 | 7.0 | - | 42.4 | 41.2 | 1.2 |
| 02:50 AM - 02:55 AM | 43.8 | 42.2 | 1.6 | 4.5 | - | 42.3 | 41.2 | 1.1 |
| 02:55 AM - 03:00 AM | 44.9 | 44.0 | 0.9 | 7.0 | - | 40.9 | 41.6 | -0.7 |
| 03:00 AM - 03:05 AM | 45.0 | 44.3 | 0.7 | 7.0 | - | 41.0 | 41.8 | -0.8 |
| 03:05 AM - 03:10 AM | 44.2 | 42.2 | 2.0 | 4.5 | - | 42.7 | 41.7 | 1.0 |
| 03:10 AM - 03:15 AM | 44.4 | 42.1 | 2.3 | 4.5 | - | 42.9 | 41.6 | 1.3 |
| 03:15 AM - 03:20 AM | 46.2 | 44.3 | 1.9 | 4.5 | - | 44.7 | 41.2 | 3.5 |
| 03:20 AM - 03:25 AM | 43.8 | 42.0 | 1.8 | 4.5 | - | 42.3 | 41.2 | 1.1 |
| 03:25 AM - 03:30 AM | 43.9 | 42.0 | 1.9 | 4.5 | - | 42.4 | 40.7 | 1.7 |
| 03:30 AM - 03:35 AM | 43.4 | 40.8 | 2.6 | 3.0 | - | 43.4 | 40.3 | 3.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854808-1



**Sample No.** 23128872-22
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:35 AM - 03:40 AM | 44.0 | 42.0 | 2.0 | 4.5 | - | 42.5 | 40.8 | 1.7 |
| 03:40 AM - 03:45 AM | 44.6 | 42.8 | 1.8 | 4.5 | - | 43.1 | 41.5 | 1.6 |
| 03:45 AM - 03:50 AM | 43.9 | 41.7 | 2.2 | 4.5 | - | 42.4 | 41.2 | 1.2 |
| 03:50 AM - 03:55 AM | 44.7 | 42.8 | 1.9 | 4.5 | - | 43.2 | 41.6 | 1.6 |
| 03:55 AM - 04:00 AM | 45.2 | 42.7 | 2.5 | 3.0 | - | 45.2 | 41.9 | 3.3 |
| 04:00 AM - 04:05 AM | 44.8 | 43.3 | 1.5 | 4.5 | - | 43.3 | 41.9 | 1.4 |
| 04:05 AM - 04:10 AM | 47.0 | 44.9 | 2.1 | 4.5 | - | 45.5 | 41.7 | 3.8 |
| 04:10 AM - 04:15 AM | 44.7 | 42.3 | 2.4 | 4.5 | - | 43.2 | 41.2 | 2.0 |
| 04:15 AM - 04:20 AM | 44.6 | 43.5 | 1.1 | 7.0 | - | 40.6 | 42.0 | -1.4 |
| 04:20 AM - 04:25 AM | 44.9 | 43.9 | 1.0 | 7.0 | - | 40.9 | 41.7 | -0.8 |
| 04:25 AM - 04:30 AM | 45.2 | 43.6 | 1.6 | 4.5 | - | 43.7 | 42.0 | 1.7 |
| 04:30 AM - 04:35 AM | 47.4 | 45.0 | 2.4 | 4.5 | - | 45.9 | 41.7 | 4.2 |
| 04:35 AM - 04:40 AM | 45.6 | 43.9 | 1.7 | 4.5 | - | 44.1 | 42.1 | 2.0 |
| 04:40 AM - 04:45 AM | 44.3 | 43.2 | 1.1 | 7.0 | - | 40.3 | 41.9 | -1.6 |
| 04:45 AM - 04:50 AM | 47.4 | 45.7 | 1.7 | 4.5 | - | 45.9 | 42.6 | 3.3 |
| 04:50 AM - 04:55 AM | 46.6 | 45.7 | 0.9 | 7.0 | - | 42.6 | 42.4 | 0.2 |
| 04:55 AM - 05:00 AM | 50.2 | 50.5 | -0.3 | 7.0 | - | 46.2 | 42.3 | 3.9 |
| 05:00 AM - 05:05 AM | 48.1 | 46.6 | 1.5 | 4.5 | - | 46.6 | 41.7 | 4.9 |
| 05:05 AM - 05:10 AM | 46.6 | 47.6 | -1.0 | 7.0 | - | 42.6 | 42.2 | 0.4 |
| 05:10 AM - 05:15 AM | 47.5 | 46.7 | 0.8 | 7.0 | - | 43.5 | 42.4 | 1.1 |
| 05:15 AM - 05:20 AM | 48.8 | 49.8 | -1.0 | 7.0 | - | 44.8 | 42.7 | 2.1 |
| 05:20 AM - 05:25 AM | 49.3 | 48.8 | 0.5 | 7.0 | - | 45.3 | 42.8 | 2.5 |
| 05:25 AM - 05:30 AM | 49.5 | 49.2 | 0.3 | 7.0 | - | 45.5 | 43.8 | 1.7 |
| 05:30 AM - 05:35 AM | 49.2 | 50.0 | -0.8 | 7.0 | - | 45.2 | 45.6 | -0.4 |
| 05:35 AM - 05:40 AM | 48.9 | 50.8 | -1.9 | 7.0 | - | 44.9 | 45.6 | -0.7 |
| 05:40 AM - 05:45 AM | 49.1 | 49.7 | -0.6 | 7.0 | - | 45.1 | 44.8 | 0.3 |
| 05:45 AM - 05:50 AM | 53.7 | 58.0 | -4.3 | 7.0 | - | 49.7 | 46.1 | 3.6 |
| 05:50 AM - 05:55 AM | 52.4 | 55.9 | -3.5 | 7.0 | - | 48.4 | 47.7 | 0.7 |
| 05:55 AM - 06:00 AM | 50.1 | 51.6 | -1.5 | 7.0 | - | 46.1 | 47.7 | -1.6 |
| 06:00 AM - 07:00 AM | 50.9 | 53.3 | -2.4 | 7.0 | 43.9 | - | 48.8 | -4.9 |
| 07:00 AM - 08:00 AM | 54.1 | 55.3 | -1.2 | 7.0 | 47.1 | - | 47.9 | -0.8 |
| 08:00 AM - 09:00 AM | 54.0 | 54.7 | -0.7 | 7.0 | 47.0 | - | 42.8 | 4.2 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-22 วันที่ตรวจวัด 23-24 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O :** RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854809-1



**Sample No.** 23128872-23
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 09:00 AM - 10:00 AM | 51.5 | 51.6 | -0.1 | 7.0 | 44.5 | - | 43.2 | 1.3 |
| 10:00 AM - 11:00 AM | 49.2 | 50.3 | -1.1 | 7.0 | 42.2 | - | 42.0 | 0.2 |
| 11:00 AM - 12:00 PM | 51.2 | 51.3 | -0.1 | 7.0 | 44.2 | - | 42.7 | 1.5 |
| 12:00 PM - 01:00 PM | 51.9 | 52.1 | -0.2 | 7.0 | 44.9 | - | 42.1 | 2.8 |
| 01:00 PM - 02:00 PM | 48.4 | 49.6 | -1.2 | 7.0 | 41.4 | - | 40.1 | 1.3 |
| 02:00 PM - 03:00 PM | 48.4 | 50.3 | -1.9 | 7.0 | 41.4 | - | 39.3 | 2.1 |
| 03:00 PM - 04:00 PM | 51.5 | 53.2 | -1.7 | 7.0 | 44.5 | - | 40.5 | 4.0 |
| 04:00 PM - 05:00 PM | 52.0 | 52.1 | -0.1 | 7.0 | 45.0 | - | 43.1 | 1.9 |
| 05:00 PM - 06:00 PM | 52.7 | 54.2 | -1.5 | 7.0 | 45.7 | - | 45.3 | 0.4 |
| 06:00 PM - 07:00 PM | 53.6 | 55.2 | -1.6 | 7.0 | 46.6 | - | 46.8 | -0.2 |
| 07:00 PM - 08:00 PM | 54.2 | 55.4 | -1.2 | 7.0 | 47.2 | - | 46.3 | 0.9 |
| 08:00 PM - 09:00 PM | 54.2 | 55.6 | -1.4 | 7.0 | 47.2 | - | 45.4 | 1.8 |
| 09:00 PM - 10:00 PM | 48.9 | 49.5 | -0.6 | 7.0 | 41.9 | - | 43.1 | -1.2 |
| 10:00 PM - 10:05 PM | 44.6 | 43.3 | 1.3 | 7.0 | - | 40.6 | 42.5 | -1.9 |
| 10:05 PM - 10:10 PM | 45.6 | 44.8 | 0.8 | 7.0 | - | 41.6 | 42.3 | -0.7 |
| 10:10 PM - 10:15 PM | 45.7 | 45.1 | 0.6 | 7.0 | - | 41.7 | 42.1 | -0.4 |
| 10:15 PM - 10:20 PM | 45.4 | 44.0 | 1.4 | 7.0 | - | 41.4 | 42.3 | -0.9 |
| 10:20 PM - 10:25 PM | 45.7 | 43.9 | 1.8 | 4.5 | - | 44.2 | 42.4 | 1.8 |
| 10:25 PM - 10:30 PM | 45.9 | 44.5 | 1.4 | 7.0 | - | 41.9 | 42.5 | -0.6 |
| 10:30 PM - 10:35 PM | 46.4 | 46.0 | 0.4 | 7.0 | - | 42.4 | 43.1 | -0.7 |
| 10:35 PM - 10:40 PM | 46.4 | 45.6 | 0.8 | 7.0 | - | 42.4 | 44.0 | -1.6 |
| 10:40 PM - 10:45 PM | 45.9 | 44.4 | 1.5 | 4.5 | - | 44.4 | 43.3 | 1.1 |
| 10:45 PM - 10:50 PM | 45.6 | 44.6 | 1.0 | 7.0 | - | 41.6 | 42.5 | -0.9 |
| 10:50 PM - 10:55 PM | 45.1 | 43.4 | 1.7 | 4.5 | - | 43.6 | 42.4 | 1.2 |
| 10:55 PM - 11:00 PM | 44.8 | 43.9 | 0.9 | 7.0 | - | 40.8 | 42.7 | -1.9 |
| 11:00 PM - 11:05 PM | 45.9 | 44.1 | 1.8 | 4.5 | - | 44.4 | 42.0 | 2.4 |
| 11:05 PM - 11:10 PM | 48.2 | 46.6 | 1.6 | 4.5 | - | 46.7 | 41.5 | 5.2 |
| 11:10 PM - 11:15 PM | 45.5 | 45.4 | 0.1 | 7.0 | - | 41.5 | 41.2 | 0.3 |
| 11:15 PM - 11:20 PM | 46.4 | 44.6 | 1.8 | 4.5 | - | 44.9 | 42.1 | 2.8 |
| 11:20 PM - 11:25 PM | 46.6 | 50.8 | -4.2 | 7.0 | - | 42.6 | 42.1 | 0.5 |
| 11:25 PM - 11:30 PM | 46.7 | 50.9 | -4.2 | 7.0 | - | 42.7 | 41.2 | 1.5 |
| 11:30 PM - 11:35 PM | 45.1 | 43.1 | 2.0 | 4.5 | - | 43.6 | 41.2 | 2.4 |
| 11:35 PM - 11:40 PM | 47.3 | 47.3 | 0.0 | 7.0 | - | 43.3 | 41.5 | 1.8 |
| 11:40 PM - 11:45 PM | 48.3 | 44.7 | 3.6 | 2.0 | - | 49.3 | 41.7 | 7.6 |
| 11:45 PM - 11:50 PM | 45.8 | 44.6 | 1.2 | 7.0 | - | 41.8 | 42.3 | -0.5 |
| 11:50 PM - 11:55 PM | 45.3 | 44.2 | 1.1 | 7.0 | - | 41.3 | 42.8 | -1.5 |
| 11:55 PM - 12:00 AM | 45.4 | 43.8 | 1.6 | 4.5 | - | 43.9 | 42.7 | 1.2 |
| 12:00 AM - 12:05 AM | 47.3 | 47.9 | -0.6 | 7.0 | - | 43.3 | 43.4 | -0.1 |
| 12:05 AM - 12:10 AM | 46.3 | 45.3 | 1.0 | 7.0 | - | 42.3 | 43.0 | -0.7 |
| 12:10 AM - 12:15 AM | 47.4 | 48.7 | -1.3 | 7.0 | - | 43.4 | 42.7 | 0.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854809-1



**Sample No.** 23128872-23
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:15 AM - 12:20 AM | 46.4 | 46.4 | 0.0 | 7.0 | - | 42.4 | 42.7 | -0.3 |
| 12:20 AM - 12:25 AM | 46.9 | 50.6 | -3.7 | 7.0 | - | 42.9 | 44.0 | -1.1 |
| 12:25 AM - 12:30 AM | 45.5 | 44.5 | 1.0 | 7.0 | - | 41.5 | 43.1 | -1.6 |
| 12:30 AM - 12:35 AM | 46.9 | 46.4 | 0.5 | 7.0 | - | 42.9 | 44.0 | -1.1 |
| 12:35 AM - 12:40 AM | 46.4 | 46.5 | -0.1 | 7.0 | - | 42.4 | 43.2 | -0.8 |
| 12:40 AM - 12:45 AM | 45.6 | 43.8 | 1.8 | 4.5 | - | 44.1 | 42.7 | 1.4 |
| 12:45 AM - 12:50 AM | 44.1 | 43.2 | 0.9 | 7.0 | - | 40.1 | 41.3 | -1.2 |
| 12:50 AM - 12:55 AM | 45.8 | 45.2 | 0.6 | 7.0 | - | 41.8 | 41.0 | 0.8 |
| 12:55 AM - 01:00 AM | 45.9 | 45.4 | 0.5 | 7.0 | - | 41.9 | 41.2 | 0.7 |
| 01:00 AM - 01:05 AM | 44.0 | 42.3 | 1.7 | 4.5 | - | 42.5 | 41.3 | 1.2 |
| 01:05 AM - 01:10 AM | 45.4 | 44.9 | 0.5 | 7.0 | - | 41.4 | 41.6 | -0.2 |
| 01:10 AM - 01:15 AM | 44.3 | 43.2 | 1.1 | 7.0 | - | 40.3 | 41.5 | -1.2 |
| 01:15 AM - 01:20 AM | 45.9 | 46.2 | -0.3 | 7.0 | - | 41.9 | 41.5 | 0.4 |
| 01:20 AM - 01:25 AM | 43.8 | 42.1 | 1.7 | 4.5 | - | 42.3 | 41.5 | 0.8 |
| 01:25 AM - 01:30 AM | 44.2 | 42.1 | 2.1 | 4.5 | - | 42.7 | 41.3 | 1.4 |
| 01:30 AM - 01:35 AM | 45.2 | 44.8 | 0.4 | 7.0 | - | 41.2 | 41.2 | 0.0 |
| 01:35 AM - 01:40 AM | 44.3 | 43.0 | 1.3 | 7.0 | - | 40.3 | 41.4 | -1.1 |
| 01:40 AM - 01:45 AM | 46.0 | 44.8 | 1.2 | 7.0 | - | 42.0 | 41.7 | 0.3 |
| 01:45 AM - 01:50 AM | 44.5 | 42.3 | 2.2 | 4.5 | - | 43.0 | 41.5 | 1.5 |
| 01:50 AM - 01:55 AM | 44.6 | 43.4 | 1.2 | 7.0 | - | 40.6 | 41.8 | -1.2 |
| 01:55 AM - 02:00 AM | 44.5 | 43.2 | 1.3 | 7.0 | - | 40.5 | 42.0 | -1.5 |
| 02:00 AM - 02:05 AM | 44.4 | 42.6 | 1.8 | 4.5 | - | 42.9 | 41.8 | 1.1 |
| 02:05 AM - 02:10 AM | 48.7 | 49.3 | -0.6 | 7.0 | - | 44.7 | 41.7 | 3.0 |
| 02:10 AM - 02:15 AM | 44.6 | 43.6 | 1.0 | 7.0 | - | 40.6 | 41.3 | -0.7 |
| 02:15 AM - 02:20 AM | 47.0 | 45.4 | 1.6 | 4.5 | - | 45.5 | 42.1 | 3.4 |
| 02:20 AM - 02:25 AM | 44.9 | 42.8 | 2.1 | 4.5 | - | 43.4 | 41.9 | 1.5 |
| 02:25 AM - 02:30 AM | 44.6 | 43.0 | 1.6 | 4.5 | - | 43.1 | 42.2 | 0.9 |
| 02:30 AM - 02:35 AM | 44.1 | 43.3 | 0.8 | 7.0 | - | 40.1 | 42.4 | -2.3 |
| 02:35 AM - 02:40 AM | 46.6 | 47.3 | -0.7 | 7.0 | - | 42.6 | 42.3 | 0.3 |
| 02:40 AM - 02:45 AM | 44.6 | 43.8 | 0.8 | 7.0 | - | 40.6 | 42.0 | -1.4 |
| 02:45 AM - 02:50 AM | 44.1 | 42.8 | 1.3 | 7.0 | - | 40.1 | 41.6 | -1.5 |
| 02:50 AM - 02:55 AM | 46.3 | 43.8 | 2.5 | 3.0 | - | 46.3 | 41.8 | 4.5 |
| 02:55 AM - 03:00 AM | 47.8 | 46.0 | 1.8 | 4.5 | - | 46.3 | 42.2 | 4.1 |
| 03:00 AM - 03:05 AM | 44.4 | 44.8 | -0.4 | 7.0 | - | 40.4 | 44.0 | -3.6 |
| 03:05 AM - 03:10 AM | 43.8 | 42.6 | 1.2 | 7.0 | - | 39.8 | 41.3 | -1.5 |
| 03:10 AM - 03:15 AM | 44.5 | 42.7 | 1.8 | 4.5 | - | 43.0 | 41.5 | 1.5 |
| 03:15 AM - 03:20 AM | 47.3 | 47.2 | 0.1 | 7.0 | - | 43.3 | 42.3 | 1.0 |
| 03:20 AM - 03:25 AM | 45.4 | 43.7 | 1.7 | 4.5 | - | 43.9 | 43.1 | 0.8 |
| 03:25 AM - 03:30 AM | 45.7 | 44.9 | 0.8 | 7.0 | - | 41.7 | 43.0 | -1.3 |
| 03:30 AM - 03:35 AM | 45.2 | 44.5 | 0.7 | 7.0 | - | 41.2 | 43.1 | -1.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854809-1



**Sample No.** 23128872-23
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 03:35 AM - 03:40 AM | 47.8 | 46.8 | 1.0 | 7.0 | - | 43.8 | 44.4 | -0.6 |
| 03:40 AM - 03:45 AM | 45.7 | 44.9 | 0.8 | 7.0 | - | 41.7 | 43.4 | -1.7 |
| 03:45 AM - 03:50 AM | 52.1 | 45.4 | 6.7 | 1.0 | - | 54.1 | 42.2 | 11.9 |
| 03:50 AM - 03:55 AM | 53.1 | 55.6 | -2.5 | 7.0 | - | 49.1 | 44.8 | 4.3 |
| 03:55 AM - 04:00 AM | 45.7 | 44.7 | 1.0 | 7.0 | - | 41.7 | 42.2 | -0.5 |
| 04:00 AM - 04:05 AM | 46.3 | 46.3 | 0.0 | 7.0 | - | 42.3 | 44.2 | -1.9 |
| 04:05 AM - 04:10 AM | 46.6 | 45.5 | 1.1 | 7.0 | - | 42.6 | 42.2 | 0.4 |
| 04:10 AM - 04:15 AM | 45.6 | 44.7 | 0.9 | 7.0 | - | 41.6 | 43.0 | -1.4 |
| 04:15 AM - 04:20 AM | 46.0 | 44.9 | 1.1 | 7.0 | - | 42.0 | 43.3 | -1.3 |
| 04:20 AM - 04:25 AM | 48.6 | 45.6 | 3.0 | 3.0 | - | 48.6 | 42.8 | 5.8 |
| 04:25 AM - 04:30 AM | 48.9 | 45.9 | 3.0 | 3.0 | - | 48.9 | 42.1 | 6.8 |
| 04:30 AM - 04:35 AM | 46.7 | 46.0 | 0.7 | 7.0 | - | 42.7 | 41.7 | 1.0 |
| 04:35 AM - 04:40 AM | 46.1 | 44.7 | 1.4 | 7.0 | - | 42.1 | 41.5 | 0.6 |
| 04:40 AM - 04:45 AM | 46.1 | 42.6 | 3.5 | 2.0 | - | 47.1 | 41.4 | 5.7 |
| 04:45 AM - 04:50 AM | 49.1 | 48.5 | 0.6 | 7.0 | - | 45.1 | 41.6 | 3.5 |
| 04:50 AM - 04:55 AM | 46.9 | 44.6 | 2.3 | 4.5 | - | 45.4 | 41.5 | 3.9 |
| 04:55 AM - 05:00 AM | 46.9 | 46.1 | 0.8 | 7.0 | - | 42.9 | 41.6 | 1.3 |
| 05:00 AM - 05:05 AM | 48.0 | 46.3 | 1.7 | 4.5 | - | 46.5 | 41.5 | 5.0 |
| 05:05 AM - 05:10 AM | 48.5 | 46.4 | 2.1 | 4.5 | - | 47.0 | 41.3 | 5.7 |
| 05:10 AM - 05:15 AM | 46.9 | 46.3 | 0.6 | 7.0 | - | 42.9 | 41.3 | 1.6 |
| 05:15 AM - 05:20 AM | 48.9 | 47.8 | 1.1 | 7.0 | - | 44.9 | 41.2 | 3.7 |
| 05:20 AM - 05:25 AM | 49.6 | 46.3 | 3.3 | 3.0 | - | 49.6 | 41.5 | 8.1 |
| 05:25 AM - 05:30 AM | 49.9 | 46.6 | 3.3 | 3.0 | - | 49.9 | 41.4 | 8.5 |
| 05:30 AM - 05:35 AM | 50.1 | 48.2 | 1.9 | 4.5 | - | 48.6 | 41.9 | 6.7 |
| 05:35 AM - 05:40 AM | 50.1 | 48.8 | 1.3 | 7.0 | - | 46.1 | 42.3 | 3.8 |
| 05:40 AM - 05:45 AM | 51.9 | 54.0 | -2.1 | 7.0 | - | 47.9 | 43.4 | 4.5 |
| 05:45 AM - 05:50 AM | 50.9 | 54.6 | -3.7 | 7.0 | - | 46.9 | 43.7 | 3.2 |
| 05:50 AM - 05:55 AM | 53.7 | 58.7 | -5.0 | 7.0 | - | 49.7 | 44.2 | 5.5 |
| 05:55 AM - 06:00 AM | 51.4 | 54.4 | -3.0 | 7.0 | - | 47.4 | 45.3 | 2.1 |
| 06:00 AM - 07:00 AM | 50.3 | 51.7 | -1.4 | 7.0 | 43.3 | - | 45.8 | -2.5 |
| 07:00 AM - 08:00 AM | 52.6 | 54.0 | -1.4 | 7.0 | 45.6 | - | 45.6 | 0.0 |
| 08:00 AM - 09:00 AM | 54.6 | 56.6 | -2.0 | 7.0 | 47.6 | - | 42.8 | 4.8 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 24-25 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-23 วันที่ตรวจวัด 24-25 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854810-1



**Sample No.** 23128872-24
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 09:00 AM - 10:00 AM | 53.0 | 58.2 | -5.2 | 7.0 | 46.0 | - | 42.9 | 3.1 |
| 10:00 AM - 11:00 AM | 52.9 | 52.4 | 0.5 | 7.0 | 45.9 | - | 43.4 | 2.5 |
| 11:00 AM - 12:00 PM | 50.0 | 51.2 | -1.2 | 7.0 | 43.0 | - | 42.0 | 1.0 |
| 12:00 PM - 01:00 PM | 50.1 | 51.5 | -1.4 | 7.0 | 43.1 | - | 41.5 | 1.6 |
| 01:00 PM - 02:00 PM | 50.9 | 50.9 | 0.0 | 7.0 | 43.9 | - | 41.6 | 2.3 |
| 02:00 PM - 03:00 PM | 53.1 | 51.8 | 1.3 | 7.0 | 46.1 | - | 43.5 | 2.6 |
| 03:00 PM - 04:00 PM | 51.2 | 50.4 | 0.8 | 7.0 | 44.2 | - | 41.3 | 2.9 |
| 04:00 PM - 05:00 PM | 52.8 | 52.1 | 0.7 | 7.0 | 45.8 | - | 42.4 | 3.4 |
| 05:00 PM - 06:00 PM | 53.7 | 54.8 | -1.1 | 7.0 | 46.7 | - | 44.8 | 1.9 |
| 06:00 PM - 07:00 PM | 52.4 | 53.9 | -1.5 | 7.0 | 45.4 | - | 48.8 | -3.4 |
| 07:00 PM - 08:00 PM | 54.3 | 55.9 | -1.6 | 7.0 | 47.3 | - | 48.5 | -1.2 |
| 08:00 PM - 09:00 PM | 52.7 | 54.0 | -1.3 | 7.0 | 45.7 | - | 46.0 | -0.3 |
| 09:00 PM - 10:00 PM | 50.4 | 51.8 | -1.4 | 7.0 | 43.4 | - | 45.0 | -1.6 |
| 10:00 PM - 10:05 PM | 46.0 | 47.4 | -1.4 | 7.0 | - | 42.0 | 44.7 | -2.7 |
| 10:05 PM - 10:10 PM | 48.3 | 49.0 | -0.7 | 7.0 | - | 44.3 | 44.7 | -0.4 |
| 10:10 PM - 10:15 PM | 44.6 | 47.1 | -2.5 | 7.0 | - | 40.6 | 44.6 | -4.0 |
| 10:15 PM - 10:20 PM | 54.0 | 56.0 | -2.0 | 7.0 | - | 50.0 | 43.5 | 6.5 |
| 10:20 PM - 10:25 PM | 45.8 | 46.9 | -1.1 | 7.0 | - | 41.8 | 44.0 | -2.2 |
| 10:25 PM - 10:30 PM | 45.4 | 46.4 | -1.0 | 7.0 | - | 41.4 | 44.3 | -2.9 |
| 10:30 PM - 10:35 PM | 45.6 | 46.2 | -0.6 | 7.0 | - | 41.6 | 44.8 | -3.2 |
| 10:35 PM - 10:40 PM | 47.4 | 49.2 | -1.8 | 7.0 | - | 43.4 | 45.6 | -2.2 |
| 10:40 PM - 10:45 PM | 48.0 | 49.1 | -1.1 | 7.0 | - | 44.0 | 46.1 | -2.1 |
| 10:45 PM - 10:50 PM | 45.9 | 48.6 | -2.7 | 7.0 | - | 41.9 | 47.1 | -5.2 |
| 10:50 PM - 10:55 PM | 47.7 | 48.5 | -0.8 | 7.0 | - | 43.7 | 44.9 | -1.2 |
| 10:55 PM - 11:00 PM | 46.9 | 48.3 | -1.4 | 7.0 | - | 42.9 | 46.5 | -3.6 |
| 11:00 PM - 11:05 PM | 45.8 | 46.5 | -0.7 | 7.0 | - | 41.8 | 44.1 | -2.3 |
| 11:05 PM - 11:10 PM | 45.5 | 45.4 | 0.1 | 7.0 | - | 41.5 | 43.5 | -2.0 |
| 11:10 PM - 11:15 PM | 45.8 | 46.7 | -0.9 | 7.0 | - | 41.8 | 45.8 | -4.0 |
| 11:15 PM - 11:20 PM | 45.7 | 45.2 | 0.5 | 7.0 | - | 41.7 | 43.9 | -2.2 |
| 11:20 PM - 11:25 PM | 45.5 | 45.8 | -0.3 | 7.0 | - | 41.5 | 44.7 | -3.2 |
| 11:25 PM - 11:30 PM | 45.7 | 46.4 | -0.7 | 7.0 | - | 41.7 | 44.0 | -2.3 |
| 11:30 PM - 11:35 PM | 45.9 | 46.0 | -0.1 | 7.0 | - | 41.9 | 43.8 | -1.9 |
| 11:35 PM - 11:40 PM | 45.5 | 47.6 | -2.1 | 7.0 | - | 41.5 | 46.4 | -4.9 |
| 11:40 PM - 11:45 PM | 46.0 | 47.8 | -1.8 | 7.0 | - | 42.0 | 44.9 | -2.9 |
| 11:45 PM - 11:50 PM | 56.2 | 45.1 | 11.1 | 0.5 | - | 58.7 | 43.9 | 14.8 |
| 11:50 PM - 11:55 PM | 46.0 | 57.5 | -11.5 | 7.0 | - | 42.0 | 43.1 | -1.1 |
| 11:55 PM - 12:00 AM | 45.0 | 43.9 | 1.1 | 7.0 | - | 41.0 | 43.0 | -2.0 |
| 12:00 AM - 12:05 AM | 48.7 | 49.2 | -0.5 | 7.0 | - | 44.7 | 43.2 | 1.5 |
| 12:05 AM - 12:10 AM | 46.3 | 46.6 | -0.3 | 7.0 | - | 42.3 | 44.0 | -1.7 |
| 12:10 AM - 12:15 AM | 46.0 | 46.7 | -0.7 | 7.0 | - | 42.0 | 44.9 | -2.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854810-1



**Sample No.** 23128872-24
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:15 AM - 12:20 AM | 46.5 | 47.2 | -0.7 | 7.0 | - | 42.5 | 45.9 | -3.4 |
| 12:20 AM - 12:25 AM | 47.2 | 47.5 | -0.3 | 7.0 | - | 43.2 | 45.6 | -2.4 |
| 12:25 AM - 12:30 AM | 46.0 | 48.2 | -2.2 | 7.0 | - | 42.0 | 45.3 | -3.3 |
| 12:30 AM - 12:35 AM | 47.1 | 47.8 | -0.7 | 7.0 | - | 43.1 | 44.5 | -1.4 |
| 12:35 AM - 12:40 AM | 45.9 | 45.4 | 0.5 | 7.0 | - | 41.9 | 43.7 | -1.8 |
| 12:40 AM - 12:45 AM | 45.8 | 46.4 | -0.6 | 7.0 | - | 41.8 | 44.0 | -2.2 |
| 12:45 AM - 12:50 AM | 45.9 | 46.4 | -0.5 | 7.0 | - | 41.9 | 43.9 | -2.0 |
| 12:50 AM - 12:55 AM | 50.3 | 51.5 | -1.2 | 7.0 | - | 46.3 | 43.0 | 3.3 |
| 12:55 AM - 01:00 AM | 46.8 | 47.5 | -0.7 | 7.0 | - | 42.8 | 43.1 | -0.3 |
| 01:00 AM - 01:05 AM | 44.7 | 45.0 | -0.3 | 7.0 | - | 40.7 | 43.6 | -2.9 |
| 01:05 AM - 01:10 AM | 45.1 | 45.3 | -0.2 | 7.0 | - | 41.1 | 43.3 | -2.2 |
| 01:10 AM - 01:15 AM | 46.3 | 46.1 | 0.2 | 7.0 | - | 42.3 | 43.6 | -1.3 |
| 01:15 AM - 01:20 AM | 45.7 | 45.2 | 0.5 | 7.0 | - | 41.7 | 43.3 | -1.6 |
| 01:20 AM - 01:25 AM | 47.1 | 43.4 | 3.7 | 2.0 | - | 48.1 | 42.1 | 6.0 |
| 01:25 AM - 01:30 AM | 44.7 | 47.1 | -2.4 | 7.0 | - | 40.7 | 42.5 | -1.8 |
| 01:30 AM - 01:35 AM | 45.0 | 44.3 | 0.7 | 7.0 | - | 41.0 | 43.4 | -2.4 |
| 01:35 AM - 01:40 AM | 46.3 | 45.8 | 0.5 | 7.0 | - | 42.3 | 42.6 | -0.3 |
| 01:40 AM - 01:45 AM | 44.6 | 43.4 | 1.2 | 7.0 | - | 40.6 | 42.4 | -1.8 |
| 01:45 AM - 01:50 AM | 44.7 | 42.7 | 2.0 | 4.5 | - | 43.2 | 41.8 | 1.4 |
| 01:50 AM - 01:55 AM | 44.8 | 43.2 | 1.6 | 4.5 | - | 43.3 | 42.2 | 1.1 |
| 01:55 AM - 02:00 AM | 44.5 | 43.6 | 0.9 | 7.0 | - | 40.5 | 42.6 | -2.1 |
| 02:00 AM - 02:05 AM | 44.7 | 44.6 | 0.1 | 7.0 | - | 40.7 | 43.1 | -2.4 |
| 02:05 AM - 02:10 AM | 44.3 | 43.3 | 1.0 | 7.0 | - | 40.3 | 42.1 | -1.8 |
| 02:10 AM - 02:15 AM | 44.1 | 43.6 | 0.5 | 7.0 | - | 40.1 | 42.6 | -2.5 |
| 02:15 AM - 02:20 AM | 43.9 | 43.6 | 0.3 | 7.0 | - | 39.9 | 42.6 | -2.7 |
| 02:20 AM - 02:25 AM | 44.3 | 43.8 | 0.5 | 7.0 | - | 40.3 | 42.6 | -2.3 |
| 02:25 AM - 02:30 AM | 44.2 | 43.9 | 0.3 | 7.0 | - | 40.2 | 42.6 | -2.4 |
| 02:30 AM - 02:35 AM | 44.5 | 45.3 | -0.8 | 7.0 | - | 40.5 | 42.9 | -2.4 |
| 02:35 AM - 02:40 AM | 43.2 | 44.7 | -1.5 | 7.0 | - | 39.2 | 42.7 | -3.5 |
| 02:40 AM - 02:45 AM | 44.4 | 45.6 | -1.2 | 7.0 | - | 40.4 | 43.5 | -3.1 |
| 02:45 AM - 02:50 AM | 44.0 | 45.9 | -1.9 | 7.0 | - | 40.0 | 44.2 | -4.2 |
| 02:50 AM - 02:55 AM | 44.8 | 45.3 | -0.5 | 7.0 | - | 40.8 | 44.2 | -3.4 |
| 02:55 AM - 03:00 AM | 44.6 | 44.7 | -0.1 | 7.0 | - | 40.6 | 43.7 | -3.1 |
| 03:00 AM - 03:05 AM | 44.7 | 44.7 | 0.0 | 7.0 | - | 40.7 | 43.6 | -2.9 |
| 03:05 AM - 03:10 AM | 44.6 | 45.0 | -0.4 | 7.0 | - | 40.6 | 43.7 | -3.1 |
| 03:10 AM - 03:15 AM | 46.9 | 47.9 | -1.0 | 7.0 | - | 42.9 | 44.6 | -1.7 |
| 03:15 AM - 03:20 AM | 44.6 | 45.5 | -0.9 | 7.0 | - | 40.6 | 44.2 | -3.6 |
| 03:20 AM - 03:25 AM | 44.6 | 45.6 | -1.0 | 7.0 | - | 40.6 | 43.7 | -3.1 |
| 03:25 AM - 03:30 AM | 45.4 | 45.8 | -0.4 | 7.0 | - | 41.4 | 44.3 | -2.9 |
| 03:30 AM - 03:35 AM | 47.1 | 47.1 | 0.0 | 7.0 | - | 43.1 | 43.6 | -0.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854810-1



**Sample No.** 23128872-24
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | เสียงจากแหล่งกำเนิด (A) | เสียงขณะไม่มีการรบกวน (B) | ผลต่างระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับการรบกวน (D-E) |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:35 AM - 03:40 AM | 46.6 | 47.6 | -1.0 | 7.0 | - | 42.6 | 44.0 | -1.4 |
| 03:40 AM - 03:45 AM | 43.9 | 44.9 | -1.0 | 7.0 | - | 39.9 | 43.8 | -3.9 |
| 03:45 AM - 03:50 AM | 44.0 | 44.7 | -0.7 | 7.0 | - | 40.0 | 43.6 | -3.6 |
| 03:50 AM - 03:55 AM | 45.4 | 46.1 | -0.7 | 7.0 | - | 41.4 | 43.7 | -2.3 |
| 03:55 AM - 04:00 AM | 44.1 | 44.1 | 0.0 | 7.0 | - | 40.1 | 43.0 | -2.9 |
| 04:00 AM - 04:05 AM | 45.5 | 45.1 | 0.4 | 7.0 | - | 41.5 | 42.0 | -0.5 |
| 04:05 AM - 04:10 AM | 47.1 | 44.9 | 2.2 | 4.5 | - | 45.6 | 43.0 | 2.6 |
| 04:10 AM - 04:15 AM | 46.9 | 45.1 | 1.8 | 4.5 | - | 45.4 | 42.3 | 3.1 |
| 04:15 AM - 04:20 AM | 44.9 | 43.6 | 1.3 | 7.0 | - | 40.9 | 41.5 | -0.6 |
| 04:20 AM - 04:25 AM | 45.5 | 44.5 | 1.0 | 7.0 | - | 41.5 | 42.1 | -0.6 |
| 04:25 AM - 04:30 AM | 45.9 | 44.2 | 1.7 | 4.5 | - | 44.4 | 41.8 | 2.6 |
| 04:30 AM - 04:35 AM | 46.9 | 44.5 | 2.4 | 4.5 | - | 45.4 | 41.4 | 4.0 |
| 04:35 AM - 04:40 AM | 43.6 | 42.2 | 1.4 | 7.0 | - | 39.6 | 40.4 | -0.8 |
| 04:40 AM - 04:45 AM | 45.6 | 45.0 | 0.6 | 7.0 | - | 41.6 | 40.8 | 0.8 |
| 04:45 AM - 04:50 AM | 48.0 | 46.4 | 1.6 | 4.5 | - | 46.5 | 40.9 | 5.6 |
| 04:50 AM - 04:55 AM | 45.6 | 45.3 | 0.3 | 7.0 | - | 41.6 | 41.2 | 0.4 |
| 04:55 AM - 05:00 AM | 45.6 | 44.7 | 0.9 | 7.0 | - | 41.6 | 41.0 | 0.6 |
| 05:00 AM - 05:05 AM | 43.7 | 44.9 | -1.2 | 7.0 | - | 39.7 | 41.1 | -1.4 |
| 05:05 AM - 05:10 AM | 44.7 | 46.3 | -1.6 | 7.0 | - | 40.7 | 42.1 | -1.4 |
| 05:10 AM - 05:15 AM | 44.9 | 46.2 | -1.3 | 7.0 | - | 40.9 | 42.9 | -2.0 |
| 05:15 AM - 05:20 AM | 48.8 | 48.1 | 0.7 | 7.0 | - | 44.8 | 42.1 | 2.7 |
| 05:20 AM - 05:25 AM | 46.7 | 47.3 | -0.6 | 7.0 | - | 42.7 | 43.5 | -0.8 |
| 05:25 AM - 05:30 AM | 48.8 | 48.4 | 0.4 | 7.0 | - | 44.8 | 44.6 | 0.2 |
| 05:30 AM - 05:35 AM | 49.2 | 49.1 | 0.1 | 7.0 | - | 45.2 | 45.1 | 0.1 |
| 05:35 AM - 05:40 AM | 47.6 | 49.4 | -1.8 | 7.0 | - | 43.6 | 44.5 | -0.9 |
| 05:40 AM - 05:45 AM | 47.8 | 49.8 | -2.0 | 7.0 | - | 43.8 | 45.5 | -1.7 |
| 05:45 AM - 05:50 AM | 49.8 | 50.7 | -0.9 | 7.0 | - | 45.8 | 45.6 | 0.2 |
| 05:50 AM - 05:55 AM | 48.1 | 50.0 | -1.9 | 7.0 | - | 44.1 | 46.0 | -1.9 |
| 05:55 AM - 06:00 AM | 51.5 | 54.7 | -3.2 | 7.0 | - | 47.5 | 46.7 | 0.8 |
| 06:00 AM - 07:00 AM | 50.5 | 51.7 | -1.2 | 7.0 | 43.5 | - | 46.6 | -3.1 |
| 07:00 AM - 08:00 AM | 64.0 | 52.4 | 11.6 | 0.5 | 63.5 | - | 43.4 | 20.1 |
| 08:00 AM - 09:00 AM | 52.1 | 54.0 | -1.9 | 7.0 | 45.1 | - | 42.3 | 2.8 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-24 วันที่ตรวจวัด 25-26 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854811-1



**Sample No.** 23128872-25
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 09:00 AM - 10:00 AM | 48.7 | 50.7 | -2.0 | 7.0 | 41.7 | - | 41.1 | 0.6 |
| 10:00 AM - 11:00 AM | 49.1 | 50.6 | -1.5 | 7.0 | 42.1 | - | 41.1 | 1.0 |
| 11:00 AM - 12:00 PM | 46.7 | 48.2 | -1.5 | 7.0 | 39.7 | - | 38.5 | 1.2 |
| 12:00 PM - 01:00 PM | 46.5 | 48.3 | -1.8 | 7.0 | 39.5 | - | 39.0 | 0.5 |
| 01:00 PM - 02:00 PM | 47.6 | 49.5 | -1.9 | 7.0 | 40.6 | - | 39.5 | 1.1 |
| 02:00 PM - 03:00 PM | 51.1 | 51.9 | -0.8 | 7.0 | 44.1 | - | 41.6 | 2.5 |
| 03:00 PM - 04:00 PM | 48.5 | 50.2 | -1.7 | 7.0 | 41.5 | - | 38.4 | 3.1 |
| 04:00 PM - 05:00 PM | 47.7 | 50.6 | -2.9 | 7.0 | 40.7 | - | 38.6 | 2.1 |
| 05:00 PM - 06:00 PM | 50.9 | 54.2 | -3.3 | 7.0 | 43.9 | - | 41.4 | 2.5 |
| 06:00 PM - 07:00 PM | 49.5 | 52.0 | -2.5 | 7.0 | 42.5 | - | 45.5 | -3.0 |
| 07:00 PM - 08:00 PM | 48.4 | 48.9 | -0.5 | 7.0 | 41.4 | - | 45.6 | -4.2 |
| 08:00 PM - 09:00 PM | 47.5 | 48.3 | -0.8 | 7.0 | 40.5 | - | 45.1 | -4.6 |
| 09:00 PM - 10:00 PM | 46.5 | 46.1 | 0.4 | 7.0 | 39.5 | - | 44.3 | -4.8 |
| 10:00 PM - 10:05 PM | 47.1 | 49.8 | -2.7 | 7.0 | - | 43.1 | 42.6 | 0.5 |
| 10:05 PM - 10:10 PM | 47.1 | 47.2 | -0.1 | 7.0 | - | 43.1 | 43.7 | -0.6 |
| 10:10 PM - 10:15 PM | 49.7 | 50.5 | -0.8 | 7.0 | - | 45.7 | 43.3 | 2.4 |
| 10:15 PM - 10:20 PM | 45.5 | 45.8 | -0.3 | 7.0 | - | 41.5 | 40.9 | 0.6 |
| 10:20 PM - 10:25 PM | 46.1 | 46.3 | -0.2 | 7.0 | - | 42.1 | 38.8 | 3.3 |
| 10:25 PM - 10:30 PM | 45.5 | 44.9 | 0.6 | 7.0 | - | 41.5 | 43.3 | -1.8 |
| 10:30 PM - 10:35 PM | 45.8 | 45.4 | 0.4 | 7.0 | - | 41.8 | 43.7 | -1.9 |
| 10:35 PM - 10:40 PM | 47.0 | 45.4 | 1.6 | 4.5 | - | 45.5 | 44.1 | 1.4 |
| 10:40 PM - 10:45 PM | 46.9 | 47.2 | -0.3 | 7.0 | - | 42.9 | 43.6 | -0.7 |
| 10:45 PM - 10:50 PM | 43.5 | 43.6 | -0.1 | 7.0 | - | 39.5 | 39.4 | 0.1 |
| 10:50 PM - 10:55 PM | 54.9 | 56.8 | -1.9 | 7.0 | - | 50.9 | 43.1 | 7.8 |
| 10:55 PM - 11:00 PM | 49.0 | 53.0 | -4.0 | 7.0 | - | 45.0 | 45.9 | -0.9 |
| 11:00 PM - 11:05 PM | 46.9 | 49.0 | -2.1 | 7.0 | - | 42.9 | 44.4 | -1.5 |
| 11:05 PM - 11:10 PM | 42.6 | 44.5 | -1.9 | 7.0 | - | 38.6 | 40.4 | -1.8 |
| 11:10 PM - 11:15 PM | 42.2 | 43.6 | -1.4 | 7.0 | - | 38.2 | 40.6 | -2.4 |
| 11:15 PM - 11:20 PM | 43.4 | 44.7 | -1.3 | 7.0 | - | 39.4 | 41.2 | -1.8 |
| 11:20 PM - 11:25 PM | 43.6 | 46.4 | -2.8 | 7.0 | - | 39.6 | 41.8 | -2.2 |
| 11:25 PM - 11:30 PM | 43.8 | 44.6 | -0.8 | 7.0 | - | 39.8 | 42.0 | -2.2 |
| 11:30 PM - 11:35 PM | 46.4 | 47.1 | -0.7 | 7.0 | - | 42.4 | 42.3 | 0.1 |
| 11:35 PM - 11:40 PM | 43.7 | 43.8 | -0.1 | 7.0 | - | 39.7 | 42.5 | -2.8 |
| 11:40 PM - 11:45 PM | 43.5 | 44.3 | -0.8 | 7.0 | - | 39.5 | 42.7 | -3.2 |
| 11:45 PM - 11:50 PM | 45.6 | 46.6 | -1.0 | 7.0 | - | 41.6 | 43.2 | -1.6 |
| 11:50 PM - 11:55 PM | 47.5 | 47.8 | -0.3 | 7.0 | - | 43.5 | 42.0 | 1.5 |
| 11:55 PM - 12:00 AM | 44.8 | 45.8 | -1.0 | 7.0 | - | 40.8 | 43.4 | -2.6 |
| 12:00 AM - 12:05 AM | 49.9 | 51.1 | -1.2 | 7.0 | - | 45.9 | 43.7 | 2.2 |
| 12:05 AM - 12:10 AM | 46.0 | 45.1 | 0.9 | 7.0 | - | 42.0 | 44.3 | -2.3 |
| 12:10 AM - 12:15 AM | 43.3 | 49.6 | -6.3 | 7.0 | - | 39.3 | 41.3 | -2.0 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854811-1



**Sample No.** 23128872-25
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:15 AM - 12:20 AM | 43.5 | 43.5 | 0.0 | 7.0 | - | 39.5 | 42.7 | -3.2 |
| 12:20 AM - 12:25 AM | 43.2 | 44.4 | -1.2 | 7.0 | - | 39.2 | 42.9 | -3.7 |
| 12:25 AM - 12:30 AM | 44.8 | 45.8 | -1.0 | 7.0 | - | 40.8 | 40.4 | 0.4 |
| 12:30 AM - 12:35 AM | 43.0 | 43.7 | -0.7 | 7.0 | - | 39.0 | 39.0 | 0.0 |
| 12:35 AM - 12:40 AM | 41.6 | 40.3 | 1.3 | 7.0 | - | 37.6 | 38.5 | -0.9 |
| 12:40 AM - 12:45 AM | 42.7 | 43.0 | -0.3 | 7.0 | - | 38.7 | 40.4 | -1.7 |
| 12:45 AM - 12:50 AM | 43.7 | 43.5 | 0.2 | 7.0 | - | 39.7 | 41.5 | -1.8 |
| 12:50 AM - 12:55 AM | 44.5 | 44.1 | 0.4 | 7.0 | - | 40.5 | 42.8 | -2.3 |
| 12:55 AM - 01:00 AM | 45.6 | 46.2 | -0.6 | 7.0 | - | 41.6 | 43.2 | -1.6 |
| 01:00 AM - 01:05 AM | 52.9 | 45.9 | 7.0 | 1.0 | - | 54.9 | 43.2 | 11.7 |
| 01:05 AM - 01:10 AM | 44.3 | 54.2 | -9.9 | 7.0 | - | 40.3 | 43.3 | -3.0 |
| 01:10 AM - 01:15 AM | 44.4 | 44.4 | 0.0 | 7.0 | - | 40.4 | 43.0 | -2.6 |
| 01:15 AM - 01:20 AM | 44.9 | 45.4 | -0.5 | 7.0 | - | 40.9 | 43.3 | -2.4 |
| 01:20 AM - 01:25 AM | 44.8 | 44.7 | 0.1 | 7.0 | - | 40.8 | 43.1 | -2.3 |
| 01:25 AM - 01:30 AM | 46.3 | 44.6 | 1.7 | 4.5 | - | 44.8 | 41.7 | 3.1 |
| 01:30 AM - 01:35 AM | 48.4 | 46.2 | 2.2 | 4.5 | - | 46.9 | 42.1 | 4.8 |
| 01:35 AM - 01:40 AM | 45.0 | 43.5 | 1.5 | 4.5 | - | 43.5 | 41.8 | 1.7 |
| 01:40 AM - 01:45 AM | 44.6 | 44.5 | 0.1 | 7.0 | - | 40.6 | 43.3 | -2.7 |
| 01:45 AM - 01:50 AM | 45.8 | 45.7 | 0.1 | 7.0 | - | 41.8 | 43.9 | -2.1 |
| 01:50 AM - 01:55 AM | 44.6 | 44.4 | 0.2 | 7.0 | - | 40.6 | 43.0 | -2.4 |
| 01:55 AM - 02:00 AM | 44.2 | 44.0 | 0.2 | 7.0 | - | 40.2 | 42.9 | -2.7 |
| 02:00 AM - 02:05 AM | 45.0 | 44.2 | 0.8 | 7.0 | - | 41.0 | 43.1 | -2.1 |
| 02:05 AM - 02:10 AM | 45.1 | 44.6 | 0.5 | 7.0 | - | 41.1 | 43.5 | -2.4 |
| 02:10 AM - 02:15 AM | 45.4 | 44.4 | 1.0 | 7.0 | - | 41.4 | 42.9 | -1.5 |
| 02:15 AM - 02:20 AM | 45.7 | 43.5 | 2.2 | 4.5 | - | 44.2 | 42.6 | 1.6 |
| 02:20 AM - 02:25 AM | 45.7 | 43.7 | 2.0 | 4.5 | - | 44.2 | 41.8 | 2.4 |
| 02:25 AM - 02:30 AM | 45.2 | 43.5 | 1.7 | 4.5 | - | 43.7 | 42.1 | 1.6 |
| 02:30 AM - 02:35 AM | 45.8 | 44.8 | 1.0 | 7.0 | - | 41.8 | 42.9 | -1.1 |
| 02:35 AM - 02:40 AM | 45.3 | 44.3 | 1.0 | 7.0 | - | 41.3 | 43.0 | -1.7 |
| 02:40 AM - 02:45 AM | 45.7 | 45.3 | 0.4 | 7.0 | - | 41.7 | 43.5 | -1.8 |
| 02:45 AM - 02:50 AM | 46.4 | 46.5 | -0.1 | 7.0 | - | 42.4 | 43.5 | -1.1 |
| 02:50 AM - 02:55 AM | 45.5 | 45.5 | 0.0 | 7.0 | - | 41.5 | 43.6 | -2.1 |
| 02:55 AM - 03:00 AM | 45.1 | 45.4 | -0.3 | 7.0 | - | 41.1 | 43.3 | -2.2 |
| 03:00 AM - 03:05 AM | 45.4 | 44.6 | 0.8 | 7.0 | - | 41.4 | 42.4 | -1.0 |
| 03:05 AM - 03:10 AM | 44.8 | 43.8 | 1.0 | 7.0 | - | 40.8 | 42.4 | -1.6 |
| 03:10 AM - 03:15 AM | 46.7 | 44.9 | 1.8 | 4.5 | - | 45.2 | 42.7 | 2.5 |
| 03:15 AM - 03:20 AM | 45.3 | 43.2 | 2.1 | 4.5 | - | 43.8 | 42.2 | 1.6 |
| 03:20 AM - 03:25 AM | 45.4 | 43.6 | 1.8 | 4.5 | - | 43.9 | 42.4 | 1.5 |
| 03:25 AM - 03:30 AM | 46.5 | 44.4 | 2.1 | 4.5 | - | 45.0 | 42.4 | 2.6 |
| 03:30 AM - 03:35 AM | 44.8 | 44.1 | 0.7 | 7.0 | - | 40.8 | 42.5 | -1.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854811-1



**Sample No.** 23128872-25
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | เสียงจากแหล่งกำเนิด (A) | เสียงขณะไม่มีการรบกวน (B) | ผลต่างระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับการรบกวน (D-E) |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:35 AM - 03:40 AM | 44.7 | 45.0 | -0.3 | 7.0 | - | 40.7 | 43.7 | -3.0 |
| 03:40 AM - 03:45 AM | 44.4 | 45.3 | -0.9 | 7.0 | - | 40.4 | 43.4 | -3.0 |
| 03:45 AM - 03:50 AM | 44.1 | 45.3 | -1.2 | 7.0 | - | 40.1 | 43.6 | -3.5 |
| 03:50 AM - 03:55 AM | 46.2 | 45.7 | 0.5 | 7.0 | - | 42.2 | 43.3 | -1.1 |
| 03:55 AM - 04:00 AM | 47.3 | 48.3 | -1.0 | 7.0 | - | 43.3 | 43.7 | -0.4 |
| 04:00 AM - 04:05 AM | 45.6 | 46.0 | -0.4 | 7.0 | - | 41.6 | 43.5 | -1.9 |
| 04:05 AM - 04:10 AM | 44.7 | 44.4 | 0.3 | 7.0 | - | 40.7 | 43.2 | -2.5 |
| 04:10 AM - 04:15 AM | 44.8 | 44.9 | -0.1 | 7.0 | - | 40.8 | 43.0 | -2.2 |
| 04:15 AM - 04:20 AM | 44.4 | 44.9 | -0.5 | 7.0 | - | 40.4 | 42.7 | -2.3 |
| 04:20 AM - 04:25 AM | 46.2 | 45.0 | 1.2 | 7.0 | - | 42.2 | 42.8 | -0.6 |
| 04:25 AM - 04:30 AM | 46.1 | 45.4 | 0.7 | 7.0 | - | 42.1 | 43.0 | -0.9 |
| 04:30 AM - 04:35 AM | 46.1 | 46.4 | -0.3 | 7.0 | - | 42.1 | 42.7 | -0.6 |
| 04:35 AM - 04:40 AM | 51.5 | 44.9 | 6.6 | 1.0 | - | 53.5 | 42.5 | 11.0 |
| 04:40 AM - 04:45 AM | 46.7 | 53.7 | -7.0 | 7.0 | - | 42.7 | 42.0 | 0.7 |
| 04:45 AM - 04:50 AM | 49.8 | 47.5 | 2.3 | 4.5 | - | 48.3 | 41.7 | 6.6 |
| 04:50 AM - 04:55 AM | 46.7 | 44.9 | 1.8 | 4.5 | - | 45.2 | 41.6 | 3.6 |
| 04:55 AM - 05:00 AM | 45.5 | 45.4 | 0.1 | 7.0 | - | 41.5 | 43.5 | -2.0 |
| 05:00 AM - 05:05 AM | 46.7 | 45.9 | 0.8 | 7.0 | - | 42.7 | 42.8 | -0.1 |
| 05:05 AM - 05:10 AM | 45.4 | 44.2 | 1.2 | 7.0 | - | 41.4 | 43.2 | -1.8 |
| 05:10 AM - 05:15 AM | 47.2 | 46.7 | 0.5 | 7.0 | - | 43.2 | 43.3 | -0.1 |
| 05:15 AM - 05:20 AM | 49.6 | 49.0 | 0.6 | 7.0 | - | 45.6 | 42.7 | 2.9 |
| 05:20 AM - 05:25 AM | 49.0 | 48.5 | 0.5 | 7.0 | - | 45.0 | 43.2 | 1.8 |
| 05:25 AM - 05:30 AM | 49.6 | 49.2 | 0.4 | 7.0 | - | 45.6 | 43.9 | 1.7 |
| 05:30 AM - 05:35 AM | 49.6 | 49.1 | 0.5 | 7.0 | - | 45.6 | 45.0 | 0.6 |
| 05:35 AM - 05:40 AM | 49.0 | 48.7 | 0.3 | 7.0 | - | 45.0 | 44.5 | 0.5 |
| 05:40 AM - 05:45 AM | 49.5 | 48.1 | 1.4 | 7.0 | - | 45.5 | 44.3 | 1.2 |
| 05:45 AM - 05:50 AM | 53.8 | 54.8 | -1.0 | 7.0 | - | 49.8 | 45.4 | 4.4 |
| 05:50 AM - 05:55 AM | 50.8 | 54.8 | -4.0 | 7.0 | - | 46.8 | 45.3 | 1.5 |
| 05:55 AM - 06:00 AM | 51.5 | 53.5 | -2.0 | 7.0 | - | 47.5 | 46.1 | 1.4 |
| 06:00 AM - 07:00 AM | 51.7 | 53.1 | -1.4 | 7.0 | 44.7 | - | 47.0 | -2.3 |
| 07:00 AM - 08:00 AM | 54.5 | 55.9 | -1.4 | 7.0 | 47.5 | - | 47.8 | -0.3 |
| 08:00 AM - 09:00 AM | 54.0 | 53.7 | 0.3 | 7.0 | 47.0 | - | 45.4 | 1.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-25 วันที่ตรวจวัด 26-27 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854812-1



**Sample No.** 23128872-26
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 09:00 AM - 10:00 AM | 52.0 | 55.7 | -3.7 | 7.0 | 45.0 | - | 45.0 | 0.0 |
| 10:00 AM - 11:00 AM | 52.2 | 52.6 | -0.4 | 7.0 | 45.2 | - | 44.5 | 0.7 |
| 11:00 AM - 12:00 PM | 51.9 | 51.4 | 0.5 | 7.0 | 44.9 | - | 42.0 | 2.9 |
| 12:00 PM - 01:00 PM | 49.0 | 51.2 | -2.2 | 7.0 | 42.0 | - | 42.8 | -0.8 |
| 01:00 PM - 02:00 PM | 51.4 | 51.7 | -0.3 | 7.0 | 44.4 | - | 43.2 | 1.2 |
| 02:00 PM - 03:00 PM | 52.6 | 50.5 | 2.1 | 4.5 | 48.1 | - | 43.3 | 4.8 |
| 03:00 PM - 04:00 PM | 52.0 | 50.7 | 1.3 | 7.0 | 45.0 | - | 43.0 | 2.0 |
| 04:00 PM - 05:00 PM | 54.2 | 52.6 | 1.6 | 4.5 | 49.7 | - | 45.6 | 4.1 |
| 05:00 PM - 06:00 PM | 57.0 | 58.5 | -1.5 | 7.0 | 50.0 | - | 49.4 | 0.6 |
| 06:00 PM - 07:00 PM | 56.5 | 57.4 | -0.9 | 7.0 | 49.5 | - | 49.4 | 0.1 |
| 07:00 PM - 08:00 PM | 54.5 | 54.9 | -0.4 | 7.0 | 47.5 | - | 50.6 | -3.1 |
| 08:00 PM - 09:00 PM | 54.4 | 54.9 | -0.5 | 7.0 | 47.4 | - | 48.9 | -1.5 |
| 09:00 PM - 10:00 PM | 51.5 | 52.2 | -0.7 | 7.0 | 44.5 | - | 47.1 | -2.6 |
| 10:00 PM - 10:05 PM | 48.4 | 48.5 | -0.1 | 7.0 | - | 44.4 | 46.5 | -2.1 |
| 10:05 PM - 10:10 PM | 48.8 | 49.4 | -0.6 | 7.0 | - | 44.8 | 46.4 | -1.6 |
| 10:10 PM - 10:15 PM | 48.9 | 48.8 | 0.1 | 7.0 | - | 44.9 | 46.0 | -1.1 |
| 10:15 PM - 10:20 PM | 49.0 | 49.4 | -0.4 | 7.0 | - | 45.0 | 45.6 | -0.6 |
| 10:20 PM - 10:25 PM | 50.2 | 50.8 | -0.6 | 7.0 | - | 46.2 | 46.1 | 0.1 |
| 10:25 PM - 10:30 PM | 49.8 | 50.7 | -0.9 | 7.0 | - | 45.8 | 46.2 | -0.4 |
| 10:30 PM - 10:35 PM | 47.7 | 50.1 | -2.4 | 7.0 | - | 43.7 | 45.1 | -1.4 |
| 10:35 PM - 10:40 PM | 50.3 | 50.6 | -0.3 | 7.0 | - | 46.3 | 44.3 | 2.0 |
| 10:40 PM - 10:45 PM | 47.9 | 49.3 | -1.4 | 7.0 | - | 43.9 | 45.0 | -1.1 |
| 10:45 PM - 10:50 PM | 46.1 | 47.2 | -1.1 | 7.0 | - | 42.1 | 44.6 | -2.5 |
| 10:50 PM - 10:55 PM | 48.1 | 49.0 | -0.9 | 7.0 | - | 44.1 | 44.5 | -0.4 |
| 10:55 PM - 11:00 PM | 46.5 | 46.0 | 0.5 | 7.0 | - | 42.5 | 43.9 | -1.4 |
| 11:00 PM - 11:05 PM | 47.2 | 47.9 | -0.7 | 7.0 | - | 43.2 | 43.5 | -0.3 |
| 11:05 PM - 11:10 PM | 46.0 | 44.9 | 1.1 | 7.0 | - | 42.0 | 42.8 | -0.8 |
| 11:10 PM - 11:15 PM | 46.3 | 46.5 | -0.2 | 7.0 | - | 42.3 | 42.8 | -0.5 |
| 11:15 PM - 11:20 PM | 45.7 | 45.2 | 0.5 | 7.0 | - | 41.7 | 43.3 | -1.6 |
| 11:20 PM - 11:25 PM | 46.3 | 45.4 | 0.9 | 7.0 | - | 42.3 | 42.3 | 0.0 |
| 11:25 PM - 11:30 PM | 45.9 | 44.0 | 1.9 | 4.5 | - | 44.4 | 42.3 | 2.1 |
| 11:30 PM - 11:35 PM | 46.5 | 45.2 | 1.3 | 7.0 | - | 42.5 | 43.1 | -0.6 |
| 11:35 PM - 11:40 PM | 47.9 | 48.5 | -0.6 | 7.0 | - | 43.9 | 44.2 | -0.3 |
| 11:40 PM - 11:45 PM | 48.6 | 49.4 | -0.8 | 7.0 | - | 44.6 | 43.4 | 1.2 |
| 11:45 PM - 11:50 PM | 45.9 | 45.6 | 0.3 | 7.0 | - | 41.9 | 43.8 | -1.9 |
| 11:50 PM - 11:55 PM | 45.7 | 44.7 | 1.0 | 7.0 | - | 41.7 | 43.3 | -1.6 |
| 11:55 PM - 12:00 AM | 47.4 | 46.8 | 0.6 | 7.0 | - | 43.4 | 43.5 | -0.1 |
| 12:00 AM - 12:05 AM | 49.5 | 50.1 | -0.6 | 7.0 | - | 45.5 | 43.5 | 2.0 |
| 12:05 AM - 12:10 AM | 46.4 | 45.8 | 0.6 | 7.0 | - | 42.4 | 42.0 | 0.4 |
| 12:10 AM - 12:15 AM | 46.2 | 45.8 | 0.4 | 7.0 | - | 42.2 | 42.4 | -0.2 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854812-1



**Sample No.** 23128872-26
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:15 AM - 12:20 AM | 46.4 | 46.5 | -0.1 | 7.0 | - | 42.4 | 42.9 | -0.5 |
| 12:20 AM - 12:25 AM | 47.4 | 44.8 | 2.6 | 3.0 | - | 47.4 | 42.6 | 4.8 |
| 12:25 AM - 12:30 AM | 48.2 | 49.8 | -1.6 | 7.0 | - | 44.2 | 43.1 | 1.1 |
| 12:30 AM - 12:35 AM | 47.5 | 46.6 | 0.9 | 7.0 | - | 43.5 | 42.7 | 0.8 |
| 12:35 AM - 12:40 AM | 45.1 | 45.0 | 0.1 | 7.0 | - | 41.1 | 42.6 | -1.5 |
| 12:40 AM - 12:45 AM | 43.7 | 43.9 | -0.2 | 7.0 | - | 39.7 | 42.6 | -2.9 |
| 12:45 AM - 12:50 AM | 48.0 | 49.2 | -1.2 | 7.0 | - | 44.0 | 42.9 | 1.1 |
| 12:50 AM - 12:55 AM | 49.7 | 50.6 | -0.9 | 7.0 | - | 45.7 | 42.8 | 2.9 |
| 12:55 AM - 01:00 AM | 44.4 | 45.5 | -1.1 | 7.0 | - | 40.4 | 43.5 | -3.1 |
| 01:00 AM - 01:05 AM | 44.8 | 45.5 | -0.7 | 7.0 | - | 40.8 | 43.1 | -2.3 |
| 01:05 AM - 01:10 AM | 43.7 | 44.1 | -0.4 | 7.0 | - | 39.7 | 43.2 | -3.5 |
| 01:10 AM - 01:15 AM | 47.4 | 46.9 | 0.5 | 7.0 | - | 43.4 | 43.2 | 0.2 |
| 01:15 AM - 01:20 AM | 47.4 | 48.8 | -1.4 | 7.0 | - | 43.4 | 43.5 | -0.1 |
| 01:20 AM - 01:25 AM | 44.1 | 44.7 | -0.6 | 7.0 | - | 40.1 | 42.9 | -2.8 |
| 01:25 AM - 01:30 AM | 43.0 | 43.6 | -0.6 | 7.0 | - | 39.0 | 42.8 | -3.8 |
| 01:30 AM - 01:35 AM | 44.2 | 45.0 | -0.8 | 7.0 | - | 40.2 | 43.1 | -2.9 |
| 01:35 AM - 01:40 AM | 45.0 | 46.4 | -1.4 | 7.0 | - | 41.0 | 43.2 | -2.2 |
| 01:40 AM - 01:45 AM | 44.0 | 44.9 | -0.9 | 7.0 | - | 40.0 | 43.2 | -3.2 |
| 01:45 AM - 01:50 AM | 43.6 | 44.4 | -0.8 | 7.0 | - | 39.6 | 43.0 | -3.4 |
| 01:50 AM - 01:55 AM | 43.4 | 44.6 | -1.2 | 7.0 | - | 39.4 | 43.0 | -3.6 |
| 01:55 AM - 02:00 AM | 43.5 | 44.7 | -1.2 | 7.0 | - | 39.5 | 43.1 | -3.6 |
| 02:00 AM - 02:05 AM | 43.8 | 45.2 | -1.4 | 7.0 | - | 39.8 | 43.6 | -3.8 |
| 02:05 AM - 02:10 AM | 43.0 | 44.9 | -1.9 | 7.0 | - | 39.0 | 42.8 | -3.8 |
| 02:10 AM - 02:15 AM | 44.8 | 45.8 | -1.0 | 7.0 | - | 40.8 | 42.2 | -1.4 |
| 02:15 AM - 02:20 AM | 43.7 | 44.5 | -0.8 | 7.0 | - | 39.7 | 42.7 | -3.0 |
| 02:20 AM - 02:25 AM | 43.6 | 43.3 | 0.3 | 7.0 | - | 39.6 | 41.5 | -1.9 |
| 02:25 AM - 02:30 AM | 43.0 | 45.0 | -2.0 | 7.0 | - | 39.0 | 42.6 | -3.6 |
| 02:30 AM - 02:35 AM | 45.4 | 45.3 | 0.1 | 7.0 | - | 41.4 | 43.2 | -1.8 |
| 02:35 AM - 02:40 AM | 43.5 | 45.1 | -1.6 | 7.0 | - | 39.5 | 42.9 | -3.4 |
| 02:40 AM - 02:45 AM | 43.7 | 45.2 | -1.5 | 7.0 | - | 39.7 | 42.8 | -3.1 |
| 02:45 AM - 02:50 AM | 42.9 | 44.6 | -1.7 | 7.0 | - | 38.9 | 42.7 | -3.8 |
| 02:50 AM - 02:55 AM | 43.0 | 45.0 | -2.0 | 7.0 | - | 39.0 | 43.4 | -4.4 |
| 02:55 AM - 03:00 AM | 43.2 | 45.5 | -2.3 | 7.0 | - | 39.2 | 43.6 | -4.4 |
| 03:00 AM - 03:05 AM | 43.5 | 45.5 | -2.0 | 7.0 | - | 39.5 | 43.2 | -3.7 |
| 03:05 AM - 03:10 AM | 46.4 | 48.4 | -2.0 | 7.0 | - | 42.4 | 43.9 | -1.5 |
| 03:10 AM - 03:15 AM | 44.6 | 46.0 | -1.4 | 7.0 | - | 40.6 | 43.9 | -3.3 |
| 03:15 AM - 03:20 AM | 43.7 | 45.1 | -1.4 | 7.0 | - | 39.7 | 42.4 | -2.7 |
| 03:20 AM - 03:25 AM | 43.1 | 43.7 | -0.6 | 7.0 | - | 39.1 | 41.9 | -2.8 |
| 03:25 AM - 03:30 AM | 43.4 | 44.1 | -0.7 | 7.0 | - | 39.4 | 41.8 | -2.4 |
| 03:30 AM - 03:35 AM | 44.0 | 43.1 | 0.9 | 7.0 | - | 40.0 | 41.7 | -1.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854812-1



**Sample No.** 23128872-26
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 03:35 AM - 03:40 AM | 45.2 | 45.0 | 0.2 | 7.0 | - | 41.2 | 42.5 | -1.3 |
| 03:40 AM - 03:45 AM | 45.6 | 47.5 | -1.9 | 7.0 | - | 41.6 | 43.0 | -1.4 |
| 03:45 AM - 03:50 AM | 44.5 | 46.9 | -2.4 | 7.0 | - | 40.5 | 42.8 | -2.3 |
| 03:50 AM - 03:55 AM | 43.0 | 45.0 | -2.0 | 7.0 | - | 39.0 | 43.1 | -4.1 |
| 03:55 AM - 04:00 AM | 43.4 | 44.1 | -0.7 | 7.0 | - | 39.4 | 42.3 | -2.9 |
| 04:00 AM - 04:05 AM | 44.3 | 44.9 | -0.6 | 7.0 | - | 40.3 | 42.2 | -1.9 |
| 04:05 AM - 04:10 AM | 43.9 | 43.8 | 0.1 | 7.0 | - | 39.9 | 41.9 | -2.0 |
| 04:10 AM - 04:15 AM | 44.2 | 45.2 | -1.0 | 7.0 | - | 40.2 | 42.3 | -2.1 |
| 04:15 AM - 04:20 AM | 47.0 | 46.2 | 0.8 | 7.0 | - | 43.0 | 43.2 | -0.2 |
| 04:20 AM - 04:25 AM | 47.7 | 47.0 | 0.7 | 7.0 | - | 43.7 | 42.8 | 0.9 |
| 04:25 AM - 04:30 AM | 45.8 | 45.9 | -0.1 | 7.0 | - | 41.8 | 42.4 | -0.6 |
| 04:30 AM - 04:35 AM | 46.3 | 45.2 | 1.1 | 7.0 | - | 42.3 | 41.6 | 0.7 |
| 04:35 AM - 04:40 AM | 44.8 | 45.2 | -0.4 | 7.0 | - | 40.8 | 41.7 | -0.9 |
| 04:40 AM - 04:45 AM | 45.2 | 45.4 | -0.2 | 7.0 | - | 41.2 | 42.1 | -0.9 |
| 04:45 AM - 04:50 AM | 48.3 | 48.5 | -0.2 | 7.0 | - | 44.3 | 42.8 | 1.5 |
| 04:50 AM - 04:55 AM | 48.3 | 47.0 | 1.3 | 7.0 | - | 44.3 | 42.0 | 2.3 |
| 04:55 AM - 05:00 AM | 44.9 | 47.4 | -2.5 | 7.0 | - | 40.9 | 42.5 | -1.6 |
| 05:00 AM - 05:05 AM | 47.6 | 46.2 | 1.4 | 7.0 | - | 43.6 | 42.5 | 1.1 |
| 05:05 AM - 05:10 AM | 51.3 | 50.1 | 1.2 | 7.0 | - | 47.3 | 42.5 | 4.8 |
| 05:10 AM - 05:15 AM | 49.6 | 52.2 | -2.6 | 7.0 | - | 45.6 | 43.3 | 2.3 |
| 05:15 AM - 05:20 AM | 49.0 | 48.3 | 0.7 | 7.0 | - | 45.0 | 42.9 | 2.1 |
| 05:20 AM - 05:25 AM | 48.3 | 47.0 | 1.3 | 7.0 | - | 44.3 | 42.2 | 2.1 |
| 05:25 AM - 05:30 AM | 48.8 | 49.5 | -0.7 | 7.0 | - | 44.8 | 42.2 | 2.6 |
| 05:30 AM - 05:35 AM | 49.2 | 47.8 | 1.4 | 7.0 | - | 45.2 | 43.0 | 2.2 |
| 05:35 AM - 05:40 AM | 48.0 | 49.3 | -1.3 | 7.0 | - | 44.0 | 42.9 | 1.1 |
| 05:40 AM - 05:45 AM | 49.0 | 47.9 | 1.1 | 7.0 | - | 45.0 | 43.0 | 2.0 |
| 05:45 AM - 05:50 AM | 50.9 | 50.6 | 0.3 | 7.0 | - | 46.9 | 43.7 | 3.2 |
| 05:50 AM - 05:55 AM | 52.6 | 56.6 | -4.0 | 7.0 | - | 48.6 | 43.5 | 5.1 |
| 05:55 AM - 06:00 AM | 53.5 | 55.7 | -2.2 | 7.0 | - | 49.5 | 44.8 | 4.7 |
| 06:00 AM - 07:00 AM | 51.7 | 53.3 | -1.6 | 7.0 | 44.7 | - | 45.7 | -1.0 |
| 07:00 AM - 08:00 AM | 54.5 | 56.4 | -1.9 | 7.0 | 47.5 | - | 48.2 | -0.7 |
| 08:00 AM - 09:00 AM | 52.6 | 54.2 | -1.6 | 7.0 | 45.6 | - | 43.0 | 2.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 27-28 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-26 วันที่ตรวจวัด 27-28 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854813-1



**Sample No.** 23128872-27
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 09:00 AM - 10:00 AM | 51.3 | 51.6 | -0.3 | 7.0 | 44.3 | - | 41.0 | 3.3 |
| 10:00 AM - 11:00 AM | 53.6 | 53.6 | 0.0 | 7.0 | 46.6 | - | 43.6 | 3.0 |
| 11:00 AM - 12:00 PM | 50.0 | 51.3 | -1.3 | 7.0 | 43.0 | - | 42.7 | 0.3 |
| 12:00 PM - 01:00 PM | 50.7 | 52.0 | -1.3 | 7.0 | 43.7 | - | 42.3 | 1.4 |
| 01:00 PM - 02:00 PM | 52.6 | 51.8 | 0.8 | 7.0 | 45.6 | - | 42.9 | 2.7 |
| 02:00 PM - 03:00 PM | 51.3 | 51.1 | 0.2 | 7.0 | 44.3 | - | 42.3 | 2.0 |
| 03:00 PM - 04:00 PM | 51.3 | 49.9 | 1.4 | 7.0 | 44.3 | - | 41.3 | 3.0 |
| 04:00 PM - 05:00 PM | 54.4 | 55.1 | -0.7 | 7.0 | 47.4 | - | 42.8 | 4.6 |
| 05:00 PM - 06:00 PM | 53.2 | 56.6 | -3.4 | 7.0 | 46.2 | - | 44.9 | 1.3 |
| 06:00 PM - 07:00 PM | 51.2 | 53.5 | -2.3 | 7.0 | 44.2 | - | 47.4 | -3.2 |
| 07:00 PM - 08:00 PM | 52.7 | 55.0 | -2.3 | 7.0 | 45.7 | - | 48.5 | -2.8 |
| 08:00 PM - 09:00 PM | 54.7 | 56.8 | -2.1 | 7.0 | 47.7 | - | 47.8 | -0.1 |
| 09:00 PM - 10:00 PM | 48.2 | 49.4 | -1.2 | 7.0 | 41.2 | - | 44.0 | -2.8 |
| 10:00 PM - 10:05 PM | 47.2 | 48.1 | -0.9 | 7.0 | - | 43.2 | 43.5 | -0.3 |
| 10:05 PM - 10:10 PM | 44.5 | 45.1 | -0.6 | 7.0 | - | 40.5 | 43.5 | -3.0 |
| 10:10 PM - 10:15 PM | 45.5 | 46.6 | -1.1 | 7.0 | - | 41.5 | 43.8 | -2.3 |
| 10:15 PM - 10:20 PM | 44.1 | 44.2 | -0.1 | 7.0 | - | 40.1 | 43.3 | -3.2 |
| 10:20 PM - 10:25 PM | 44.7 | 45.0 | -0.3 | 7.0 | - | 40.7 | 43.7 | -3.0 |
| 10:25 PM - 10:30 PM | 44.3 | 44.6 | -0.3 | 7.0 | - | 40.3 | 43.6 | -3.3 |
| 10:30 PM - 10:35 PM | 44.1 | 44.4 | -0.3 | 7.0 | - | 40.1 | 43.1 | -3.0 |
| 10:35 PM - 10:40 PM | 45.7 | 45.7 | 0.0 | 7.0 | - | 41.7 | 42.7 | -1.0 |
| 10:40 PM - 10:45 PM | 44.1 | 45.6 | -1.5 | 7.0 | - | 40.1 | 43.2 | -3.1 |
| 10:45 PM - 10:50 PM | 44.7 | 44.5 | 0.2 | 7.0 | - | 40.7 | 42.9 | -2.2 |
| 10:50 PM - 10:55 PM | 44.0 | 44.1 | -0.1 | 7.0 | - | 40.0 | 43.1 | -3.1 |
| 10:55 PM - 11:00 PM | 44.2 | 43.8 | 0.4 | 7.0 | - | 40.2 | 42.6 | -2.4 |
| 11:00 PM - 11:05 PM | 49.6 | 51.2 | -1.6 | 7.0 | - | 45.6 | 43.3 | 2.3 |
| 11:05 PM - 11:10 PM | 44.6 | 45.6 | -1.0 | 7.0 | - | 40.6 | 43.2 | -2.6 |
| 11:10 PM - 11:15 PM | 45.4 | 46.0 | -0.6 | 7.0 | - | 41.4 | 42.9 | -1.5 |
| 11:15 PM - 11:20 PM | 44.9 | 46.2 | -1.3 | 7.0 | - | 40.9 | 42.9 | -2.0 |
| 11:20 PM - 11:25 PM | 43.3 | 45.0 | -1.7 | 7.0 | - | 39.3 | 42.6 | -3.3 |
| 11:25 PM - 11:30 PM | 43.4 | 44.8 | -1.4 | 7.0 | - | 39.4 | 42.8 | -3.4 |
| 11:30 PM - 11:35 PM | 43.4 | 44.4 | -1.0 | 7.0 | - | 39.4 | 42.2 | -2.8 |
| 11:35 PM - 11:40 PM | 43.7 | 44.8 | -1.1 | 7.0 | - | 39.7 | 42.5 | -2.8 |
| 11:40 PM - 11:45 PM | 43.6 | 44.4 | -0.8 | 7.0 | - | 39.6 | 42.5 | -2.9 |
| 11:45 PM - 11:50 PM | 43.9 | 43.8 | 0.1 | 7.0 | - | 39.9 | 42.5 | -2.6 |
| 11:50 PM - 11:55 PM | 46.3 | 47.8 | -1.5 | 7.0 | - | 42.3 | 42.9 | -0.6 |
| 11:55 PM - 12:00 AM | 44.5 | 46.6 | -2.1 | 7.0 | - | 40.5 | 44.0 | -3.5 |
| 12:00 AM - 12:05 AM | 44.1 | 46.6 | -2.5 | 7.0 | - | 40.1 | 44.5 | -4.4 |
| 12:05 AM - 12:10 AM | 44.6 | 44.4 | 0.2 | 7.0 | - | 40.6 | 42.6 | -2.0 |
| 12:10 AM - 12:15 AM | 43.9 | 44.9 | -1.0 | 7.0 | - | 39.9 | 43.6 | -3.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854813-1



**Sample No.** 23128872-27
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:15 AM - 12:20 AM | 43.6 | 45.2 | -1.6 | 7.0 | - | 39.6 | 43.3 | -3.7 |
| 12:20 AM - 12:25 AM | 46.4 | 45.9 | 0.5 | 7.0 | - | 42.4 | 43.0 | -0.6 |
| 12:25 AM - 12:30 AM | 45.6 | 45.5 | 0.1 | 7.0 | - | 41.6 | 42.2 | -0.6 |
| 12:30 AM - 12:35 AM | 43.9 | 43.1 | 0.8 | 7.0 | - | 39.9 | 41.4 | -1.5 |
| 12:35 AM - 12:40 AM | 44.1 | 44.1 | 0.0 | 7.0 | - | 40.1 | 41.7 | -1.6 |
| 12:40 AM - 12:45 AM | 44.8 | 44.1 | 0.7 | 7.0 | - | 40.8 | 41.6 | -0.8 |
| 12:45 AM - 12:50 AM | 43.7 | 49.2 | -5.5 | 7.0 | - | 39.7 | 40.7 | -1.0 |
| 12:50 AM - 12:55 AM | 44.0 | 45.2 | -1.2 | 7.0 | - | 40.0 | 40.8 | -0.8 |
| 12:55 AM - 01:00 AM | 43.6 | 42.7 | 0.9 | 7.0 | - | 39.6 | 41.3 | -1.7 |
| 01:00 AM - 01:05 AM | 43.4 | 43.0 | 0.4 | 7.0 | - | 39.4 | 41.0 | -1.6 |
| 01:05 AM - 01:10 AM | 43.1 | 43.8 | -0.7 | 7.0 | - | 39.1 | 41.3 | -2.2 |
| 01:10 AM - 01:15 AM | 43.5 | 42.9 | 0.6 | 7.0 | - | 39.5 | 41.0 | -1.5 |
| 01:15 AM - 01:20 AM | 43.2 | 41.1 | 2.1 | 4.5 | - | 41.7 | 39.8 | 1.9 |
| 01:20 AM - 01:25 AM | 43.4 | 44.8 | -1.4 | 7.0 | - | 39.4 | 40.2 | -0.8 |
| 01:25 AM - 01:30 AM | 43.7 | 42.0 | 1.7 | 4.5 | - | 42.2 | 41.1 | 1.1 |
| 01:30 AM - 01:35 AM | 43.4 | 43.5 | -0.1 | 7.0 | - | 39.4 | 40.3 | -0.9 |
| 01:35 AM - 01:40 AM | 47.0 | 41.1 | 5.9 | 1.5 | - | 48.5 | 40.1 | 8.4 |
| 01:40 AM - 01:45 AM | 44.0 | 40.4 | 3.6 | 2.0 | - | 45.0 | 39.5 | 5.5 |
| 01:45 AM - 01:50 AM | 44.0 | 40.9 | 3.1 | 3.0 | - | 44.0 | 39.9 | 4.1 |
| 01:50 AM - 01:55 AM | 43.6 | 41.3 | 2.3 | 4.5 | - | 42.1 | 40.3 | 1.8 |
| 01:55 AM - 02:00 AM | 43.8 | 42.3 | 1.5 | 4.5 | - | 42.3 | 40.8 | 1.5 |
| 02:00 AM - 02:05 AM | 43.8 | 41.0 | 2.8 | 3.0 | - | 43.8 | 39.8 | 4.0 |
| 02:05 AM - 02:10 AM | 43.6 | 41.3 | 2.3 | 4.5 | - | 42.1 | 40.3 | 1.8 |
| 02:10 AM - 02:15 AM | 43.8 | 41.3 | 2.5 | 3.0 | - | 43.8 | 40.3 | 3.5 |
| 02:15 AM - 02:20 AM | 44.1 | 41.5 | 2.6 | 3.0 | - | 44.1 | 40.3 | 3.8 |
| 02:20 AM - 02:25 AM | 43.8 | 41.6 | 2.2 | 4.5 | - | 42.3 | 40.3 | 2.0 |
| 02:25 AM - 02:30 AM | 43.2 | 43.0 | 0.2 | 7.0 | - | 39.2 | 40.6 | -1.4 |
| 02:30 AM - 02:35 AM | 42.8 | 42.4 | 0.4 | 7.0 | - | 38.8 | 40.4 | -1.6 |
| 02:35 AM - 02:40 AM | 43.0 | 43.3 | -0.3 | 7.0 | - | 39.0 | 41.2 | -2.2 |
| 02:40 AM - 02:45 AM | 43.2 | 43.6 | -0.4 | 7.0 | - | 39.2 | 41.9 | -2.7 |
| 02:45 AM - 02:50 AM | 45.5 | 43.0 | 2.5 | 3.0 | - | 45.5 | 41.9 | 3.6 |
| 02:50 AM - 02:55 AM | 43.6 | 42.4 | 1.2 | 7.0 | - | 39.6 | 41.4 | -1.8 |
| 02:55 AM - 03:00 AM | 43.8 | 42.4 | 1.4 | 7.0 | - | 39.8 | 41.3 | -1.5 |
| 03:00 AM - 03:05 AM | 43.8 | 42.7 | 1.1 | 7.0 | - | 39.8 | 41.4 | -1.6 |
| 03:05 AM - 03:10 AM | 43.7 | 45.6 | -1.9 | 7.0 | - | 39.7 | 42.3 | -2.6 |
| 03:10 AM - 03:15 AM | 43.5 | 43.2 | 0.3 | 7.0 | - | 39.5 | 41.9 | -2.4 |
| 03:15 AM - 03:20 AM | 42.9 | 43.3 | -0.4 | 7.0 | - | 38.9 | 41.4 | -2.5 |
| 03:20 AM - 03:25 AM | 43.2 | 43.5 | -0.3 | 7.0 | - | 39.2 | 42.0 | -2.8 |
| 03:25 AM - 03:30 AM | 46.4 | 44.8 | 1.6 | 4.5 | - | 44.9 | 41.3 | 3.6 |
| 03:30 AM - 03:35 AM | 43.8 | 45.3 | -1.5 | 7.0 | - | 39.8 | 41.7 | -1.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854813-1



**Sample No.** 23128872-27
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:35 AM - 03:40 AM | 43.1 | 42.6 | 0.5 | 7.0 | - | 39.1 | 41.5 | -2.4 |
| 03:40 AM - 03:45 AM | 48.0 | 42.4 | 5.6 | 1.5 | - | 49.5 | 41.3 | 8.2 |
| 03:45 AM - 03:50 AM | 43.8 | 43.8 | 0.0 | 7.0 | - | 39.8 | 41.4 | -1.6 |
| 03:50 AM - 03:55 AM | 42.9 | 41.8 | 1.1 | 7.0 | - | 38.9 | 40.7 | -1.8 |
| 03:55 AM - 04:00 AM | 46.1 | 42.8 | 3.3 | 3.0 | - | 46.1 | 39.7 | 6.4 |
| 04:00 AM - 04:05 AM | 44.1 | 42.6 | 1.5 | 4.5 | - | 42.6 | 40.7 | 1.9 |
| 04:05 AM - 04:10 AM | 45.2 | 42.8 | 2.4 | 4.5 | - | 43.7 | 40.0 | 3.7 |
| 04:10 AM - 04:15 AM | 43.3 | 41.3 | 2.0 | 4.5 | - | 41.8 | 39.2 | 2.6 |
| 04:15 AM - 04:20 AM | 43.2 | 42.2 | 1.0 | 7.0 | - | 39.2 | 39.8 | -0.6 |
| 04:20 AM - 04:25 AM | 43.2 | 41.9 | 1.3 | 7.0 | - | 39.2 | 39.5 | -0.3 |
| 04:25 AM - 04:30 AM | 42.7 | 42.2 | 0.5 | 7.0 | - | 38.7 | 39.1 | -0.4 |
| 04:30 AM - 04:35 AM | 43.8 | 39.9 | 3.9 | 2.0 | - | 44.8 | 38.1 | 6.7 |
| 04:35 AM - 04:40 AM | 49.2 | 42.7 | 6.5 | 1.0 | - | 51.2 | 38.5 | 12.7 |
| 04:40 AM - 04:45 AM | 45.4 | 44.1 | 1.3 | 7.0 | - | 41.4 | 38.6 | 2.8 |
| 04:45 AM - 04:50 AM | 49.3 | 43.0 | 6.3 | 1.5 | - | 50.8 | 38.9 | 11.9 |
| 04:50 AM - 04:55 AM | 47.8 | 42.4 | 5.4 | 1.5 | - | 49.3 | 38.7 | 10.6 |
| 04:55 AM - 05:00 AM | 47.1 | 42.6 | 4.5 | 1.5 | - | 48.6 | 38.8 | 9.8 |
| 05:00 AM - 05:05 AM | 48.0 | 44.0 | 4.0 | 2.0 | - | 49.0 | 39.8 | 9.2 |
| 05:05 AM - 05:10 AM | 47.9 | 43.9 | 4.0 | 2.0 | - | 48.9 | 40.6 | 8.3 |
| 05:10 AM - 05:15 AM | 49.1 | 45.8 | 3.3 | 3.0 | - | 49.1 | 39.8 | 9.3 |
| 05:15 AM - 05:20 AM | 49.6 | 45.0 | 4.6 | 1.5 | - | 51.1 | 41.2 | 9.9 |
| 05:20 AM - 05:25 AM | 48.9 | 46.1 | 2.8 | 3.0 | - | 48.9 | 42.3 | 6.6 |
| 05:25 AM - 05:30 AM | 47.1 | 46.8 | 0.3 | 7.0 | - | 43.1 | 42.8 | 0.3 |
| 05:30 AM - 05:35 AM | 47.0 | 47.1 | -0.1 | 7.0 | - | 43.0 | 42.2 | 0.8 |
| 05:35 AM - 05:40 AM | 46.3 | 47.5 | -1.2 | 7.0 | - | 42.3 | 43.2 | -0.9 |
| 05:40 AM - 05:45 AM | 48.2 | 48.4 | -0.2 | 7.0 | - | 44.2 | 43.3 | 0.9 |
| 05:45 AM - 05:50 AM | 51.1 | 47.7 | 3.4 | 3.0 | - | 51.1 | 43.7 | 7.4 |
| 05:50 AM - 05:55 AM | 52.5 | 52.4 | 0.1 | 7.0 | - | 48.5 | 44.4 | 4.1 |
| 05:55 AM - 06:00 AM | 51.7 | 51.3 | 0.4 | 7.0 | - | 47.7 | 44.4 | 3.3 |
| 06:00 AM - 07:00 AM | 53.9 | 49.6 | 4.3 | 2.0 | 51.9 | - | 44.7 | 7.2 |
| 07:00 AM - 08:00 AM | 64.5 | 52.8 | 11.7 | 0.5 | 64.0 | - | 45.0 | 19.0 |
| 08:00 AM - 09:00 AM | 51.7 | 51.7 | 0.0 | 7.0 | 44.7 | - | 39.9 | 4.8 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-27 วันที่ตรวจวัด 28-29 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120

**P/O :** RJN-029/66

**Project Name** : Rayong Bankhai

**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854814-1



**Sample No.** 23128872-28
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 09:00 AM - 10:00 AM | 51.4 | 48.2 | 3.2 | 3.0 | 48.4 | - | 39.2 | 9.2 |
| 10:00 AM - 11:00 AM | 50.7 | 48.2 | 2.5 | 3.0 | 47.7 | - | 38.4 | 9.3 |
| 11:00 AM - 12:00 PM | 49.4 | 45.8 | 3.6 | 2.0 | 47.4 | - | 36.2 | 11.2 |
| 12:00 PM - 01:00 PM | 49.5 | 46.2 | 3.3 | 3.0 | 46.5 | - | 37.1 | 9.4 |
| 01:00 PM - 02:00 PM | 51.6 | 47.0 | 4.6 | 1.5 | 50.1 | - | 36.8 | 13.3 |
| 02:00 PM - 03:00 PM | 49.2 | 49.7 | -0.5 | 7.0 | 42.2 | - | 39.4 | 2.8 |
| 03:00 PM - 04:00 PM | 46.7 | 48.0 | -1.3 | 7.0 | 39.7 | - | 36.3 | 3.4 |
| 04:00 PM - 05:00 PM | 47.2 | 48.4 | -1.2 | 7.0 | 40.2 | - | 36.1 | 4.1 |
| 05:00 PM - 06:00 PM | 45.7 | 51.8 | -6.1 | 7.0 | 38.7 | - | 39.2 | -0.5 |
| 06:00 PM - 07:00 PM | 44.3 | 49.7 | -5.4 | 7.0 | 37.3 | - | 43.4 | -6.1 |
| 07:00 PM - 08:00 PM | 43.0 | 46.6 | -3.6 | 7.0 | 36.0 | - | 43.3 | -7.3 |
| 08:00 PM - 09:00 PM | 44.0 | 45.9 | -1.9 | 7.0 | 37.0 | - | 42.7 | -5.7 |
| 09:00 PM - 10:00 PM | 44.7 | 44.2 | 0.5 | 7.0 | 37.7 | - | 41.9 | -4.2 |
| 10:00 PM - 10:05 PM | 44.3 | 44.9 | -0.6 | 7.0 | - | 40.3 | 41.4 | -1.1 |
| 10:05 PM - 10:10 PM | 42.4 | 48.2 | -5.8 | 7.0 | - | 38.4 | 41.0 | -2.6 |
| 10:10 PM - 10:15 PM | 43.4 | 43.5 | -0.1 | 7.0 | - | 39.4 | 38.6 | 0.8 |
| 10:15 PM - 10:20 PM | 43.6 | 44.0 | -0.4 | 7.0 | - | 39.6 | 36.5 | 3.1 |
| 10:20 PM - 10:25 PM | 47.5 | 42.6 | 4.9 | 1.5 | - | 49.0 | 41.0 | 8.0 |
| 10:25 PM - 10:30 PM | 45.4 | 43.1 | 2.3 | 4.5 | - | 43.9 | 41.4 | 2.5 |
| 10:30 PM - 10:35 PM | 47.5 | 43.1 | 4.4 | 2.0 | - | 48.5 | 41.8 | 6.7 |
| 10:35 PM - 10:40 PM | 47.9 | 44.9 | 3.0 | 3.0 | - | 47.9 | 41.3 | 6.6 |
| 10:40 PM - 10:45 PM | 46.3 | 41.3 | 5.0 | 1.5 | - | 47.8 | 37.1 | 10.7 |
| 10:45 PM - 10:50 PM | 46.5 | 54.5 | -8.0 | 7.0 | - | 42.5 | 40.8 | 1.7 |
| 10:50 PM - 10:55 PM | 48.5 | 50.7 | -2.2 | 7.0 | - | 44.5 | 43.6 | 0.9 |
| 10:55 PM - 11:00 PM | 46.8 | 46.7 | 0.1 | 7.0 | - | 42.8 | 42.1 | 0.7 |
| 11:00 PM - 11:05 PM | 50.2 | 42.2 | 8.0 | 0.5 | - | 52.7 | 38.1 | 14.6 |
| 11:05 PM - 11:10 PM | 47.1 | 41.3 | 5.8 | 1.5 | - | 48.6 | 38.3 | 10.3 |
| 11:10 PM - 11:15 PM | 51.6 | 42.4 | 9.2 | 0.5 | - | 54.1 | 38.9 | 15.2 |
| 11:15 PM - 11:20 PM | 47.5 | 44.1 | 3.4 | 3.0 | - | 47.5 | 39.5 | 8.0 |
| 11:20 PM - 11:25 PM | 48.7 | 42.3 | 6.4 | 1.5 | - | 50.2 | 39.7 | 10.5 |
| 11:25 PM - 11:30 PM | 49.3 | 44.8 | 4.5 | 1.5 | - | 50.8 | 40.0 | 10.8 |
| 11:30 PM - 11:35 PM | 48.8 | 41.5 | 7.3 | 1.0 | - | 50.8 | 40.2 | 10.6 |
| 11:35 PM - 11:40 PM | 49.4 | 42.0 | 7.4 | 1.0 | - | 51.4 | 40.4 | 11.0 |
| 11:40 PM - 11:45 PM | 48.8 | 44.3 | 4.5 | 1.5 | - | 50.3 | 40.9 | 9.4 |
| 11:45 PM - 11:50 PM | 48.0 | 45.5 | 2.5 | 3.0 | - | 48.0 | 39.7 | 8.3 |
| 11:50 PM - 11:55 PM | 48.9 | 43.5 | 5.4 | 1.5 | - | 50.4 | 41.1 | 9.3 |
| 11:55 PM - 12:00 AM | 51.3 | 48.8 | 2.5 | 3.0 | - | 51.3 | 41.4 | 9.9 |
| 12:00 AM - 12:05 AM | 48.6 | 42.8 | 5.8 | 1.5 | - | 50.1 | 42.0 | 8.1 |
| 12:05 AM - 12:10 AM | 47.0 | 47.3 | -0.3 | 7.0 | - | 43.0 | 39.0 | 4.0 |
| 12:10 AM - 12:15 AM | 43.3 | 41.2 | 2.1 | 4.5 | - | 41.8 | 40.4 | 1.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854814-1



**Sample No.** 23128872-28
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:15 AM - 12:20 AM | 43.5 | 42.1 | 1.4 | 7.0 | - | 39.5 | 40.6 | -1.1 |
| 12:20 AM - 12:25 AM | 43.2 | 43.5 | -0.3 | 7.0 | - | 39.2 | 38.1 | 1.1 |
| 12:25 AM - 12:30 AM | 44.8 | 41.4 | 3.4 | 3.0 | - | 44.8 | 36.7 | 8.1 |
| 12:30 AM - 12:35 AM | 43.0 | 38.0 | 5.0 | 1.5 | - | 44.5 | 36.2 | 8.3 |
| 12:35 AM - 12:40 AM | 41.6 | 40.7 | 0.9 | 7.0 | - | 37.6 | 38.1 | -0.5 |
| 12:40 AM - 12:45 AM | 42.7 | 41.2 | 1.5 | 4.5 | - | 41.2 | 39.2 | 2.0 |
| 12:45 AM - 12:50 AM | 48.6 | 41.8 | 6.8 | 1.0 | - | 50.6 | 40.5 | 10.1 |
| 12:50 AM - 12:55 AM | 50.0 | 43.9 | 6.1 | 1.5 | - | 51.5 | 40.9 | 10.6 |
| 12:55 AM - 01:00 AM | 49.8 | 43.6 | 6.2 | 1.5 | - | 51.3 | 40.9 | 10.4 |
| 01:00 AM - 01:05 AM | 50.8 | 51.9 | -1.1 | 7.0 | - | 46.8 | 41.0 | 5.8 |
| 01:05 AM - 01:10 AM | 49.2 | 42.1 | 7.1 | 1.0 | - | 51.2 | 40.7 | 10.5 |
| 01:10 AM - 01:15 AM | 57.9 | 43.1 | 14.8 | 0.0 | - | 60.9 | 41.0 | 19.9 |
| 01:15 AM - 01:20 AM | 49.4 | 42.4 | 7.0 | 1.0 | - | 51.4 | 40.8 | 10.6 |
| 01:20 AM - 01:25 AM | 47.8 | 42.3 | 5.5 | 1.5 | - | 49.3 | 39.4 | 9.9 |
| 01:25 AM - 01:30 AM | 53.7 | 43.9 | 9.8 | 0.5 | - | 56.2 | 39.8 | 16.4 |
| 01:30 AM - 01:35 AM | 48.8 | 41.2 | 7.6 | 0.5 | - | 51.3 | 39.5 | 11.8 |
| 01:35 AM - 01:40 AM | 48.2 | 42.2 | 6.0 | 1.5 | - | 49.7 | 41.0 | 8.7 |
| 01:40 AM - 01:45 AM | 46.7 | 43.4 | 3.3 | 3.0 | - | 46.7 | 41.6 | 5.1 |
| 01:45 AM - 01:50 AM | 47.2 | 42.1 | 5.1 | 1.5 | - | 48.7 | 40.7 | 8.0 |
| 01:50 AM - 01:55 AM | 45.9 | 41.7 | 4.2 | 2.0 | - | 46.9 | 40.6 | 6.3 |
| 01:55 AM - 02:00 AM | 43.4 | 41.9 | 1.5 | 4.5 | - | 41.9 | 40.8 | 1.1 |
| 02:00 AM - 02:05 AM | 48.2 | 42.3 | 5.9 | 1.5 | - | 49.7 | 41.2 | 8.5 |
| 02:05 AM - 02:10 AM | 49.3 | 42.1 | 7.2 | 1.0 | - | 51.3 | 40.6 | 10.7 |
| 02:10 AM - 02:15 AM | 45.2 | 41.2 | 4.0 | 2.0 | - | 46.2 | 40.3 | 5.9 |
| 02:15 AM - 02:20 AM | 47.3 | 41.4 | 5.9 | 1.5 | - | 48.8 | 39.5 | 9.3 |
| 02:20 AM - 02:25 AM | 47.1 | 41.2 | 5.9 | 1.5 | - | 48.6 | 39.8 | 8.8 |
| 02:25 AM - 02:30 AM | 42.9 | 42.5 | 0.4 | 7.0 | - | 38.9 | 40.6 | -1.7 |
| 02:30 AM - 02:35 AM | 45.9 | 42.0 | 3.9 | 2.0 | - | 46.9 | 40.7 | 6.2 |
| 02:35 AM - 02:40 AM | 44.3 | 43.0 | 1.3 | 7.0 | - | 40.3 | 41.2 | -0.9 |
| 02:40 AM - 02:45 AM | 51.0 | 44.2 | 6.8 | 1.0 | - | 53.0 | 41.2 | 11.8 |
| 02:45 AM - 02:50 AM | 47.3 | 43.2 | 4.1 | 2.0 | - | 48.3 | 41.3 | 7.0 |
| 02:50 AM - 02:55 AM | 49.6 | 43.1 | 6.5 | 1.0 | - | 51.6 | 41.0 | 10.6 |
| 02:55 AM - 03:00 AM | 45.1 | 42.3 | 2.8 | 3.0 | - | 45.1 | 40.1 | 5.0 |
| 03:00 AM - 03:05 AM | 46.9 | 41.5 | 5.4 | 1.5 | - | 48.4 | 40.1 | 8.3 |
| 03:05 AM - 03:10 AM | 46.6 | 42.6 | 4.0 | 2.0 | - | 47.6 | 40.4 | 7.2 |
| 03:10 AM - 03:15 AM | 44.8 | 40.9 | 3.9 | 2.0 | - | 45.8 | 39.9 | 5.9 |
| 03:15 AM - 03:20 AM | 49.0 | 41.3 | 7.7 | 0.5 | - | 51.5 | 40.1 | 11.4 |
| 03:20 AM - 03:25 AM | 47.5 | 42.1 | 5.4 | 1.5 | - | 49.0 | 40.1 | 8.9 |
| 03:25 AM - 03:30 AM | 48.0 | 41.8 | 6.2 | 1.5 | - | 49.5 | 40.2 | 9.3 |
| 03:30 AM - 03:35 AM | 45.0 | 42.7 | 2.3 | 4.5 | - | 43.5 | 41.4 | 2.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854814-1



**Sample No.** 23128872-28
**Parameter** เสียงรบกวน
**Location** ศาลาชุมชนเขัมแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752961, 14252588)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 597167

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:35 AM - 03:40 AM | 46.2 | 43.0 | 3.2 | 3.0 | - | 46.2 | 41.1 | 5.1 |
| 03:40 AM - 03:45 AM | 46.3 | 43.0 | 3.3 | 3.0 | - | 46.3 | 41.3 | 5.0 |
| 03:45 AM - 03:50 AM | 48.8 | 43.4 | 5.4 | 1.5 | - | 50.3 | 41.0 | 9.3 |
| 03:50 AM - 03:55 AM | 44.9 | 46.0 | -1.1 | 7.0 | - | 40.9 | 41.4 | -0.5 |
| 03:55 AM - 04:00 AM | 50.8 | 43.7 | 7.1 | 1.0 | - | 52.8 | 41.2 | 11.6 |
| 04:00 AM - 04:05 AM | 49.9 | 42.1 | 7.8 | 0.5 | - | 52.4 | 40.9 | 11.5 |
| 04:05 AM - 04:10 AM | 44.5 | 42.6 | 1.9 | 4.5 | - | 43.0 | 40.7 | 2.3 |
| 04:10 AM - 04:15 AM | 45.2 | 42.6 | 2.6 | 3.0 | - | 45.2 | 40.4 | 4.8 |
| 04:15 AM - 04:20 AM | 44.4 | 42.7 | 1.7 | 4.5 | - | 42.9 | 40.5 | 2.4 |
| 04:20 AM - 04:25 AM | 41.6 | 43.1 | -1.5 | 7.0 | - | 37.6 | 40.7 | -3.1 |
| 04:25 AM - 04:30 AM | 43.0 | 44.1 | -1.1 | 7.0 | - | 39.0 | 40.4 | -1.4 |
| 04:30 AM - 04:35 AM | 47.0 | 42.6 | 4.4 | 2.0 | - | 48.0 | 40.2 | 7.8 |
| 04:35 AM - 04:40 AM | 43.7 | 51.4 | -7.7 | 7.0 | - | 39.7 | 39.7 | 0.0 |
| 04:40 AM - 04:45 AM | 45.6 | 45.2 | 0.4 | 7.0 | - | 41.6 | 39.4 | 2.2 |
| 04:45 AM - 04:50 AM | 46.5 | 42.6 | 3.9 | 2.0 | - | 47.5 | 39.3 | 8.2 |
| 04:50 AM - 04:55 AM | 47.3 | 43.1 | 4.2 | 2.0 | - | 48.3 | 41.2 | 7.1 |
| 04:55 AM - 05:00 AM | 46.2 | 43.6 | 2.6 | 3.0 | - | 46.2 | 40.5 | 5.7 |
| 05:00 AM - 05:05 AM | 46.2 | 41.9 | 4.3 | 2.0 | - | 47.2 | 40.9 | 6.3 |
| 05:05 AM - 05:10 AM | 42.5 | 44.4 | -1.9 | 7.0 | - | 38.5 | 41.0 | -2.5 |
| 05:10 AM - 05:15 AM | 46.8 | 46.7 | 0.1 | 7.0 | - | 42.8 | 40.4 | 2.4 |
| 05:15 AM - 05:20 AM | 46.4 | 46.2 | 0.2 | 7.0 | - | 42.4 | 40.9 | 1.5 |
| 05:20 AM - 05:25 AM | 46.2 | 46.9 | -0.7 | 7.0 | - | 42.2 | 41.6 | 0.6 |
| 05:25 AM - 05:30 AM | 43.6 | 46.8 | -3.2 | 7.0 | - | 39.6 | 42.7 | -3.1 |
| 05:30 AM - 05:35 AM | 42.2 | 46.4 | -4.2 | 7.0 | - | 38.2 | 42.2 | -4.0 |
| 05:35 AM - 05:40 AM | 44.6 | 45.8 | -1.2 | 7.0 | - | 40.6 | 42.0 | -1.4 |
| 05:40 AM - 05:45 AM | 45.7 | 52.5 | -6.8 | 7.0 | - | 41.7 | 43.1 | -1.4 |
| 05:45 AM - 05:50 AM | 45.1 | 52.5 | -7.4 | 7.0 | - | 41.1 | 43.0 | -1.9 |
| 05:50 AM - 05:55 AM | 46.4 | 51.2 | -4.8 | 7.0 | - | 42.4 | 43.8 | -1.4 |
| 05:55 AM - 06:00 AM | 46.5 | 47.8 | -1.3 | 7.0 | - | 42.5 | 44.2 | -1.7 |
| 06:00 AM - 07:00 AM | 46.1 | 50.9 | -4.8 | 7.0 | 39.1 | - | 44.7 | -5.6 |
| 07:00 AM - 08:00 AM | 49.6 | 53.8 | -4.2 | 7.0 | 42.6 | - | 45.5 | -2.9 |
| 08:00 AM - 09:00 AM | 47.3 | 51.0 | -3.7 | 7.0 | 40.3 | - | 43.0 | -2.7 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-28 วันที่ตรวจวัด 29-30 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854815-1



**Sample No.** 23128872-29
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 01:00 PM - 02:00 PM | 45.5 | 48.2 | -2.7 | 7.0 | 38.5 | - | 38.2 | 0.3 |
| 02:00 PM - 03:00 PM | 56.3 | 53.7 | 2.6 | 3.0 | 53.3 | - | 42.5 | 10.8 |
| 03:00 PM - 04:00 PM | 51.1 | 50.4 | 0.7 | 7.0 | 44.1 | - | 41.7 | 2.4 |
| 04:00 PM - 05:00 PM | 52.0 | 51.0 | 1.0 | 7.0 | 45.0 | - | 42.5 | 2.5 |
| 05:00 PM - 06:00 PM | 50.4 | 49.8 | 0.6 | 7.0 | 43.4 | - | 42.1 | 1.3 |
| 06:00 PM - 07:00 PM | 52.5 | 49.0 | 3.5 | 2.0 | 50.5 | - | 45.2 | 5.3 |
| 07:00 PM - 08:00 PM | 55.2 | 55.0 | 0.2 | 7.0 | 48.2 | - | 50.6 | -2.4 |
| 08:00 PM - 09:00 PM | 56.9 | 52.9 | 4.0 | 2.0 | 54.9 | - | 51.6 | 3.3 |
| 09:00 PM - 10:00 PM | 59.2 | 53.0 | 6.2 | 1.5 | 57.7 | - | 51.9 | 5.8 |
| 10:00 PM - 10:05 PM | 57.0 | 53.8 | 3.2 | 3.0 | - | 57.0 | 53.1 | 3.9 |
| 10:05 PM - 10:10 PM | 66.4 | 53.4 | 13.0 | 0.0 | - | 69.4 | 52.5 | 16.9 |
| 10:10 PM - 10:15 PM | 53.8 | 58.5 | -4.7 | 7.0 | - | 49.8 | 53.0 | -3.2 |
| 10:15 PM - 10:20 PM | 55.0 | 53.6 | 1.4 | 7.0 | - | 51.0 | 52.7 | -1.7 |
| 10:20 PM - 10:25 PM | 53.8 | 65.7 | -11.9 | 7.0 | - | 49.8 | 52.7 | -2.9 |
| 10:25 PM - 10:30 PM | 57.7 | 60.1 | -2.4 | 7.0 | - | 53.7 | 52.2 | 1.5 |
| 10:30 PM - 10:35 PM | 58.2 | 58.1 | 0.1 | 7.0 | - | 54.2 | 52.0 | 2.2 |
| 10:35 PM - 10:40 PM | 58.3 | 51.9 | 6.4 | 1.5 | - | 59.8 | 50.9 | 8.9 |
| 10:40 PM - 10:45 PM | 58.3 | 51.4 | 6.9 | 1.0 | - | 60.3 | 50.0 | 10.3 |
| 10:45 PM - 10:50 PM | 58.1 | 52.1 | 6.0 | 1.5 | - | 59.6 | 50.1 | 9.5 |
| 10:50 PM - 10:55 PM | 58.1 | 52.1 | 6.0 | 1.5 | - | 59.6 | 50.6 | 9.0 |
| 10:55 PM - 11:00 PM | 58.5 | 56.3 | 2.2 | 4.5 | - | 57.0 | 51.1 | 5.9 |
| 11:00 PM - 11:05 PM | 58.4 | 60.2 | -1.8 | 7.0 | - | 54.4 | 52.8 | 1.6 |
| 11:05 PM - 11:10 PM | 58.2 | 59.9 | -1.7 | 7.0 | - | 54.2 | 52.3 | 1.9 |
| 11:10 PM - 11:15 PM | 58.2 | 59.5 | -1.3 | 7.0 | - | 54.2 | 52.2 | 2.0 |
| 11:15 PM - 11:20 PM | 58.7 | 59.3 | -0.6 | 7.0 | - | 54.7 | 52.3 | 2.4 |
| 11:20 PM - 11:25 PM | 58.7 | 58.3 | 0.4 | 7.0 | - | 54.7 | 51.8 | 2.9 |
| 11:25 PM - 11:30 PM | 58.8 | 58.7 | 0.1 | 7.0 | - | 54.8 | 52.6 | 2.2 |
| 11:30 PM - 11:35 PM | 58.8 | 58.8 | 0.0 | 7.0 | - | 54.8 | 52.6 | 2.2 |
| 11:35 PM - 11:40 PM | 58.9 | 59.5 | -0.6 | 7.0 | - | 54.9 | 52.3 | 2.6 |
| 11:40 PM - 11:45 PM | 58.3 | 59.3 | -1.0 | 7.0 | - | 54.3 | 52.7 | 1.6 |
| 11:45 PM - 11:50 PM | 58.6 | 58.7 | -0.1 | 7.0 | - | 54.6 | 52.3 | 2.3 |
| 11:50 PM - 11:55 PM | 58.1 | 59.4 | -1.3 | 7.0 | - | 54.1 | 52.8 | 1.3 |
| 11:55 PM - 12:00 AM | 57.7 | 57.0 | 0.7 | 7.0 | - | 53.7 | 51.1 | 2.6 |
| 12:00 AM - 12:05 AM | 57.8 | 58.3 | -0.5 | 7.0 | - | 53.8 | 51.6 | 2.2 |
| 12:05 AM - 12:10 AM | 57.5 | 58.0 | -0.5 | 7.0 | - | 53.5 | 51.3 | 2.2 |
| 12:10 AM - 12:15 AM | 57.2 | 58.4 | -1.2 | 7.0 | - | 53.2 | 52.1 | 1.1 |
| 12:15 AM - 12:20 AM | 57.1 | 59.0 | -1.9 | 7.0 | - | 53.1 | 53.6 | -0.5 |
| 12:20 AM - 12:25 AM | 55.6 | 57.3 | -1.7 | 7.0 | - | 51.6 | 52.2 | -0.6 |
| 12:25 AM - 12:30 AM | 55.7 | 53.0 | 2.7 | 3.0 | - | 55.7 | 51.0 | 4.7 |
| 12:30 AM - 12:35 AM | 55.6 | 52.1 | 3.5 | 2.0 | - | 56.6 | 50.0 | 6.6 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854815-1



**Sample No.** 23128872-29
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:35 AM - 12:40 AM | 55.2 | 52.9 | 2.3 | 4.5 | - | 53.7 | 50.9 | 2.8 |
| 12:40 AM - 12:45 AM | 56.8 | 54.5 | 2.3 | 4.5 | - | 55.3 | 51.6 | 3.7 |
| 12:45 AM - 12:50 AM | 56.2 | 55.2 | 1.0 | 7.0 | - | 52.2 | 52.5 | -0.3 |
| 12:50 AM - 12:55 AM | 55.4 | 54.6 | 0.8 | 7.0 | - | 51.4 | 51.3 | 0.1 |
| 12:55 AM - 01:00 AM | 55.6 | 55.9 | -0.3 | 7.0 | - | 51.6 | 52.2 | -0.6 |
| 01:00 AM - 01:05 AM | 54.9 | 56.2 | -1.3 | 7.0 | - | 50.9 | 52.2 | -1.3 |
| 01:05 AM - 01:10 AM | 55.2 | 52.5 | 2.7 | 3.0 | - | 55.2 | 50.5 | 4.7 |
| 01:10 AM - 01:15 AM | 55.1 | 53.9 | 1.2 | 7.0 | - | 51.1 | 50.7 | 0.4 |
| 01:15 AM - 01:20 AM | 54.4 | 55.7 | -1.3 | 7.0 | - | 50.4 | 52.0 | -1.6 |
| 01:20 AM - 01:25 AM | 55.0 | 57.1 | -2.1 | 7.0 | - | 51.0 | 53.7 | -2.7 |
| 01:25 AM - 01:30 AM | 54.9 | 57.3 | -2.4 | 7.0 | - | 50.9 | 53.9 | -3.0 |
| 01:30 AM - 01:35 AM | 55.4 | 57.1 | -1.7 | 7.0 | - | 51.4 | 53.3 | -1.9 |
| 01:35 AM - 01:40 AM | 56.2 | 56.9 | -0.7 | 7.0 | - | 52.2 | 53.0 | -0.8 |
| 01:40 AM - 01:45 AM | 54.5 | 56.8 | -2.3 | 7.0 | - | 50.5 | 53.0 | -2.5 |
| 01:45 AM - 01:50 AM | 52.8 | 57.1 | -4.3 | 7.0 | - | 48.8 | 52.9 | -4.1 |
| 01:50 AM - 01:55 AM | 52.5 | 54.5 | -2.0 | 7.0 | - | 48.5 | 49.0 | -0.5 |
| 01:55 AM - 02:00 AM | 50.9 | 55.3 | -4.4 | 7.0 | - | 46.9 | 49.1 | -2.2 |
| 02:00 AM - 02:05 AM | 53.3 | 56.4 | -3.1 | 7.0 | - | 49.3 | 50.6 | -1.3 |
| 02:05 AM - 02:10 AM | 52.6 | 53.0 | -0.4 | 7.0 | - | 48.6 | 47.7 | 0.9 |
| 02:10 AM - 02:15 AM | 51.0 | 51.3 | -0.3 | 7.0 | - | 47.0 | 48.0 | -1.0 |
| 02:15 AM - 02:20 AM | 49.9 | 54.8 | -4.9 | 7.0 | - | 45.9 | 48.6 | -2.7 |
| 02:20 AM - 02:25 AM | 49.3 | 56.9 | -7.6 | 7.0 | - | 45.3 | 49.3 | -4.0 |
| 02:25 AM - 02:30 AM | 50.9 | 54.4 | -3.5 | 7.0 | - | 46.9 | 49.2 | -2.3 |
| 02:30 AM - 02:35 AM | 50.8 | 55.9 | -5.1 | 7.0 | - | 46.8 | 50.0 | -3.2 |
| 02:35 AM - 02:40 AM | 50.6 | 53.6 | -3.0 | 7.0 | - | 46.6 | 49.1 | -2.5 |
| 02:40 AM - 02:45 AM | 50.7 | 55.7 | -5.0 | 7.0 | - | 46.7 | 50.5 | -3.8 |
| 02:45 AM - 02:50 AM | 52.1 | 54.3 | -2.2 | 7.0 | - | 48.1 | 49.5 | -1.4 |
| 02:50 AM - 02:55 AM | 52.4 | 55.5 | -3.1 | 7.0 | - | 48.4 | 50.6 | -2.2 |
| 02:55 AM - 03:00 AM | 51.7 | 54.4 | -2.7 | 7.0 | - | 47.7 | 48.8 | -1.1 |
| 03:00 AM - 03:05 AM | 52.3 | 55.1 | -2.8 | 7.0 | - | 48.3 | 49.4 | -1.1 |
| 03:05 AM - 03:10 AM | 53.8 | 55.3 | -1.5 | 7.0 | - | 49.8 | 49.6 | 0.2 |
| 03:10 AM - 03:15 AM | 54.0 | 53.7 | 0.3 | 7.0 | - | 50.0 | 48.5 | 1.5 |
| 03:15 AM - 03:20 AM | 54.0 | 52.1 | 1.9 | 4.5 | - | 52.5 | 47.5 | 5.0 |
| 03:20 AM - 03:25 AM | 52.9 | 53.4 | -0.5 | 7.0 | - | 48.9 | 48.4 | 0.5 |
| 03:25 AM - 03:30 AM | 53.0 | 55.5 | -2.5 | 7.0 | - | 49.0 | 50.7 | -1.7 |
| 03:30 AM - 03:35 AM | 53.0 | 55.5 | -2.5 | 7.0 | - | 49.0 | 50.4 | -1.4 |
| 03:35 AM - 03:40 AM | 52.9 | 54.9 | -2.0 | 7.0 | - | 48.9 | 49.3 | -0.4 |
| 03:40 AM - 03:45 AM | 51.9 | 53.3 | -1.4 | 7.0 | - | 47.9 | 48.2 | -0.3 |
| 03:45 AM - 03:50 AM | 52.3 | 50.9 | 1.4 | 7.0 | - | 48.3 | 46.0 | 2.3 |
| 03:50 AM - 03:55 AM | 51.9 | 51.4 | 0.5 | 7.0 | - | 47.9 | 47.1 | 0.8 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854815-1



**Sample No.** 23128872-29
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:55 AM - 04:00 AM | 51.6 | 50.6 | 1.0 | 7.0 | - | 47.6 | 47.0 | 0.6 |
| 04:00 AM - 04:05 AM | 52.0 | 50.8 | 1.2 | 7.0 | - | 48.0 | 45.8 | 2.2 |
| 04:05 AM - 04:10 AM | 51.8 | 50.6 | 1.2 | 7.0 | - | 47.8 | 46.2 | 1.6 |
| 04:10 AM - 04:15 AM | 51.7 | 50.8 | 0.9 | 7.0 | - | 47.7 | 46.5 | 1.2 |
| 04:15 AM - 04:20 AM | 51.2 | 50.7 | 0.5 | 7.0 | - | 47.2 | 46.2 | 1.0 |
| 04:20 AM - 04:25 AM | 52.0 | 49.6 | 2.4 | 4.5 | - | 50.5 | 45.9 | 4.6 |
| 04:25 AM - 04:30 AM | 52.0 | 47.3 | 4.7 | 1.5 | - | 53.5 | 44.7 | 8.8 |
| 04:30 AM - 04:35 AM | 52.0 | 47.1 | 4.9 | 1.5 | - | 53.5 | 44.0 | 9.5 |
| 04:35 AM - 04:40 AM | 51.1 | 52.1 | -1.0 | 7.0 | - | 47.1 | 45.4 | 1.7 |
| 04:40 AM - 04:45 AM | 51.5 | 49.8 | 1.7 | 4.5 | - | 50.0 | 45.1 | 4.9 |
| 04:45 AM - 04:50 AM | 52.2 | 48.4 | 3.8 | 2.0 | - | 53.2 | 43.7 | 9.5 |
| 04:50 AM - 04:55 AM | 53.2 | 47.0 | 6.2 | 1.5 | - | 54.7 | 42.9 | 11.8 |
| 04:55 AM - 05:00 AM | 53.8 | 47.5 | 6.3 | 1.5 | - | 55.3 | 43.3 | 12.0 |
| 05:00 AM - 05:05 AM | 53.8 | 47.2 | 6.6 | 1.0 | - | 55.8 | 42.9 | 12.9 |
| 05:05 AM - 05:10 AM | 53.4 | 47.2 | 6.2 | 1.5 | - | 54.9 | 43.1 | 11.8 |
| 05:10 AM - 05:15 AM | 53.0 | 49.3 | 3.7 | 2.0 | - | 54.0 | 44.0 | 10.0 |
| 05:15 AM - 05:20 AM | 52.9 | 49.2 | 3.7 | 2.0 | - | 53.9 | 44.4 | 9.5 |
| 05:20 AM - 05:25 AM | 53.1 | 48.2 | 4.9 | 1.5 | - | 54.6 | 45.7 | 8.9 |
| 05:25 AM - 05:30 AM | 54.2 | 48.6 | 5.6 | 1.5 | - | 55.7 | 46.2 | 9.5 |
| 05:30 AM - 05:35 AM | 53.1 | 49.6 | 3.5 | 2.0 | - | 54.1 | 47.2 | 6.9 |
| 05:35 AM - 05:40 AM | 52.6 | 49.3 | 3.3 | 3.0 | - | 52.6 | 46.9 | 5.7 |
| 05:40 AM - 05:45 AM | 52.6 | 50.3 | 2.3 | 4.5 | - | 51.1 | 47.9 | 3.2 |
| 05:45 AM - 05:50 AM | 56.1 | 51.2 | 4.9 | 1.5 | - | 57.6 | 47.3 | 10.3 |
| 05:50 AM - 05:55 AM | 56.1 | 48.8 | 7.3 | 1.0 | - | 58.1 | 46.0 | 12.1 |
| 05:55 AM - 06:00 AM | 52.5 | 49.5 | 3.0 | 3.0 | - | 52.5 | 47.1 | 5.4 |
| 06:00 AM - 07:00 AM | 52.3 | 48.3 | 4.0 | 2.0 | 50.3 | - | 44.0 | 6.3 |
| 07:00 AM - 08:00 AM | 56.0 | 54.4 | 1.6 | 4.5 | 51.5 | - | 48.1 | 3.4 |
| 08:00 AM - 09:00 AM | 47.3 | 52.1 | -4.8 | 7.0 | 40.3 | - | 43.7 | -3.4 |
| 09:00 AM - 10:00 AM | 48.9 | 46.9 | 2.0 | 4.5 | 44.4 | - | 41.9 | 2.5 |
| 10:00 AM - 11:00 AM | 51.8 | 46.4 | 5.4 | 1.5 | 50.3 | - | 40.2 | 10.1 |
| 11:00 AM - 12:00 PM | 48.3 | 51.0 | -2.7 | 7.0 | 41.3 | - | 39.8 | 1.5 |
| 12:00 PM - 01:00 PM | 48.6 | 47.1 | 1.5 | 4.5 | 44.1 | - | 39.4 | 4.7 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-29 วันที่ตรวจวัด 23-24 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854816-1



**Sample No.** 23128872-30
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 01:00 PM - 02:00 PM | 48.4 | 47.4 | 1.0 | 7.0 | 41.4 | - | 40.0 | 1.4 |
| 02:00 PM - 03:00 PM | 48.3 | 47.7 | 0.6 | 7.0 | 41.3 | - | 40.2 | 1.1 |
| 03:00 PM - 04:00 PM | 47.5 | 47.2 | 0.3 | 7.0 | 40.5 | - | 41.1 | -0.6 |
| 04:00 PM - 05:00 PM | 46.9 | 46.2 | 0.7 | 7.0 | 39.9 | - | 38.7 | 1.2 |
| 05:00 PM - 06:00 PM | 48.6 | 46.6 | 2.0 | 4.5 | 44.1 | - | 39.8 | 4.3 |
| 06:00 PM - 07:00 PM | 55.0 | 49.4 | 5.6 | 1.5 | 53.5 | - | 43.4 | 10.1 |
| 07:00 PM - 08:00 PM | 58.6 | 50.2 | 8.4 | 0.5 | 58.1 | - | 47.6 | 10.5 |
| 08:00 PM - 09:00 PM | 59.8 | 51.9 | 7.9 | 0.5 | 59.3 | - | 48.7 | 10.6 |
| 09:00 PM - 10:00 PM | 60.7 | 55.8 | 4.9 | 1.5 | 59.2 | - | 50.0 | 9.2 |
| 10:00 PM - 10:05 PM | 59.1 | 51.2 | 7.9 | 0.5 | - | 61.6 | 50.1 | 11.5 |
| 10:05 PM - 10:10 PM | 58.7 | 51.2 | 7.5 | 0.5 | - | 61.2 | 50.0 | 11.2 |
| 10:10 PM - 10:15 PM | 58.6 | 50.9 | 7.7 | 0.5 | - | 61.1 | 49.8 | 11.3 |
| 10:15 PM - 10:20 PM | 58.9 | 51.0 | 7.9 | 0.5 | - | 61.4 | 49.6 | 11.8 |
| 10:20 PM - 10:25 PM | 57.1 | 50.7 | 6.4 | 1.5 | - | 58.6 | 49.2 | 9.4 |
| 10:25 PM - 10:30 PM | 57.2 | 50.5 | 6.7 | 1.0 | - | 59.2 | 49.0 | 10.2 |
| 10:30 PM - 10:35 PM | 57.8 | 49.9 | 7.9 | 0.5 | - | 60.3 | 48.3 | 12.0 |
| 10:35 PM - 10:40 PM | 68.4 | 48.6 | 19.8 | 0.0 | - | 71.4 | 47.0 | 24.4 |
| 10:40 PM - 10:45 PM | 57.7 | 48.5 | 9.2 | 0.5 | - | 60.2 | 47.1 | 13.1 |
| 10:45 PM - 10:50 PM | 54.5 | 66.3 | -11.8 | 7.0 | - | 50.5 | 47.6 | 2.9 |
| 10:50 PM - 10:55 PM | 52.9 | 49.1 | 3.8 | 2.0 | - | 53.9 | 47.5 | 6.4 |
| 10:55 PM - 11:00 PM | 54.7 | 50.9 | 3.8 | 2.0 | - | 55.7 | 48.3 | 7.4 |
| 11:00 PM - 11:05 PM | 57.7 | 49.7 | 8.0 | 0.5 | - | 60.2 | 47.8 | 12.4 |
| 11:05 PM - 11:10 PM | 57.8 | 51.6 | 6.2 | 1.5 | - | 59.3 | 48.9 | 10.4 |
| 11:10 PM - 11:15 PM | 57.3 | 50.6 | 6.7 | 1.0 | - | 59.3 | 49.1 | 10.2 |
| 11:15 PM - 11:20 PM | 57.2 | 51.3 | 5.9 | 1.5 | - | 58.7 | 50.2 | 8.5 |
| 11:20 PM - 11:25 PM | 56.8 | 51.3 | 5.5 | 1.5 | - | 58.3 | 50.1 | 8.2 |
| 11:25 PM - 11:30 PM | 56.9 | 50.1 | 6.8 | 1.0 | - | 58.9 | 47.8 | 11.1 |
| 11:30 PM - 11:35 PM | 57.5 | 49.9 | 7.6 | 0.5 | - | 60.0 | 48.1 | 11.9 |
| 11:35 PM - 11:40 PM | 56.8 | 48.4 | 8.4 | 0.5 | - | 59.3 | 45.4 | 13.9 |
| 11:40 PM - 11:45 PM | 56.7 | 51.5 | 5.2 | 1.5 | - | 58.2 | 48.5 | 9.7 |
| 11:45 PM - 11:50 PM | 56.8 | 50.8 | 6.0 | 1.5 | - | 58.3 | 48.9 | 9.4 |
| 11:50 PM - 11:55 PM | 56.9 | 50.6 | 6.3 | 1.5 | - | 58.4 | 48.8 | 9.6 |
| 11:55 PM - 12:00 AM | 56.7 | 50.9 | 5.8 | 1.5 | - | 58.2 | 49.0 | 9.2 |
| 12:00 AM - 12:05 AM | 54.0 | 52.1 | 1.9 | 4.5 | - | 52.5 | 49.3 | 3.2 |
| 12:05 AM - 12:10 AM | 52.5 | 51.8 | 0.7 | 7.0 | - | 48.5 | 49.4 | -0.9 |
| 12:10 AM - 12:15 AM | 52.3 | 51.3 | 1.0 | 7.0 | - | 48.3 | 49.2 | -0.9 |
| 12:15 AM - 12:20 AM | 53.2 | 49.0 | 4.2 | 2.0 | - | 54.2 | 45.8 | 8.4 |
| 12:20 AM - 12:25 AM | 54.9 | 50.0 | 4.9 | 1.5 | - | 56.4 | 47.6 | 8.8 |
| 12:25 AM - 12:30 AM | 53.4 | 49.3 | 4.1 | 2.0 | - | 54.4 | 46.2 | 8.2 |
| 12:30 AM - 12:35 AM | 54.8 | 49.0 | 5.8 | 1.5 | - | 56.3 | 46.0 | 10.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854816-1



**Sample No.** 23128872-30
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:35 AM - 12:40 AM | 55.5 | 49.1 | 6.4 | 1.5 | - | 57.0 | 46.2 | 10.8 |
| 12:40 AM - 12:45 AM | 56.8 | 48.3 | 8.5 | 0.5 | - | 59.3 | 46.1 | 13.2 |
| 12:45 AM - 12:50 AM | 56.9 | 49.2 | 7.7 | 0.5 | - | 59.4 | 46.4 | 13.0 |
| 12:50 AM - 12:55 AM | 56.5 | 49.8 | 6.7 | 1.0 | - | 58.5 | 47.1 | 11.4 |
| 12:55 AM - 01:00 AM | 55.9 | 49.6 | 6.3 | 1.5 | - | 57.4 | 47.0 | 10.4 |
| 01:00 AM - 01:05 AM | 56.2 | 47.7 | 8.5 | 0.5 | - | 58.7 | 46.0 | 12.7 |
| 01:05 AM - 01:10 AM | 55.5 | 46.8 | 8.7 | 0.5 | - | 58.0 | 45.6 | 12.4 |
| 01:10 AM - 01:15 AM | 54.0 | 47.8 | 6.2 | 1.5 | - | 55.5 | 46.0 | 9.5 |
| 01:15 AM - 01:20 AM | 55.0 | 48.6 | 6.4 | 1.5 | - | 56.5 | 46.8 | 9.7 |
| 01:20 AM - 01:25 AM | 50.4 | 48.4 | 2.0 | 4.5 | - | 48.9 | 45.8 | 3.1 |
| 01:25 AM - 01:30 AM | 48.5 | 47.8 | 0.7 | 7.0 | - | 44.5 | 45.5 | -1.0 |
| 01:30 AM - 01:35 AM | 49.0 | 47.8 | 1.2 | 7.0 | - | 45.0 | 45.8 | -0.8 |
| 01:35 AM - 01:40 AM | 49.4 | 48.0 | 1.4 | 7.0 | - | 45.4 | 45.6 | -0.2 |
| 01:40 AM - 01:45 AM | 50.0 | 47.8 | 2.2 | 4.5 | - | 48.5 | 45.4 | 3.1 |
| 01:45 AM - 01:50 AM | 51.7 | 48.5 | 3.2 | 3.0 | - | 51.7 | 46.3 | 5.4 |
| 01:50 AM - 01:55 AM | 53.4 | 48.1 | 5.3 | 1.5 | - | 54.9 | 46.0 | 8.9 |
| 01:55 AM - 02:00 AM | 53.7 | 46.4 | 7.3 | 1.0 | - | 55.7 | 44.5 | 11.2 |
| 02:00 AM - 02:05 AM | 53.3 | 47.5 | 5.8 | 1.5 | - | 54.8 | 45.7 | 9.1 |
| 02:05 AM - 02:10 AM | 54.0 | 47.5 | 6.5 | 1.0 | - | 56.0 | 46.1 | 9.9 |
| 02:10 AM - 02:15 AM | 53.2 | 48.2 | 5.0 | 1.5 | - | 54.7 | 46.9 | 7.8 |
| 02:15 AM - 02:20 AM | 52.8 | 49.4 | 3.4 | 3.0 | - | 52.8 | 46.8 | 6.0 |
| 02:20 AM - 02:25 AM | 52.9 | 49.1 | 3.8 | 2.0 | - | 53.9 | 46.7 | 7.2 |
| 02:25 AM - 02:30 AM | 51.6 | 48.0 | 3.6 | 2.0 | - | 52.6 | 46.4 | 6.2 |
| 02:30 AM - 02:35 AM | 51.8 | 48.5 | 3.3 | 3.0 | - | 51.8 | 46.7 | 5.1 |
| 02:35 AM - 02:40 AM | 51.6 | 48.3 | 3.3 | 3.0 | - | 51.6 | 46.5 | 5.1 |
| 02:40 AM - 02:45 AM | 52.3 | 47.4 | 4.9 | 1.5 | - | 53.8 | 45.6 | 8.2 |
| 02:45 AM - 02:50 AM | 50.1 | 47.5 | 2.6 | 3.0 | - | 50.1 | 46.1 | 4.0 |
| 02:50 AM - 02:55 AM | 51.9 | 47.5 | 4.4 | 2.0 | - | 52.9 | 46.2 | 6.7 |
| 02:55 AM - 03:00 AM | 52.7 | 47.8 | 4.9 | 1.5 | - | 54.2 | 46.0 | 8.2 |
| 03:00 AM - 03:05 AM | 51.2 | 47.7 | 3.5 | 2.0 | - | 52.2 | 45.8 | 6.4 |
| 03:05 AM - 03:10 AM | 51.2 | 47.4 | 3.8 | 2.0 | - | 52.2 | 45.6 | 6.6 |
| 03:10 AM - 03:15 AM | 51.6 | 47.9 | 3.7 | 2.0 | - | 52.6 | 46.3 | 6.3 |
| 03:15 AM - 03:20 AM | 51.5 | 47.3 | 4.2 | 2.0 | - | 52.5 | 45.6 | 6.9 |
| 03:20 AM - 03:25 AM | 54.4 | 46.0 | 8.4 | 0.5 | - | 56.9 | 44.4 | 12.5 |
| 03:25 AM - 03:30 AM | 52.8 | 46.5 | 6.3 | 1.5 | - | 54.3 | 45.0 | 9.3 |
| 03:30 AM - 03:35 AM | 52.6 | 46.7 | 5.9 | 1.5 | - | 54.1 | 45.1 | 9.0 |
| 03:35 AM - 03:40 AM | 54.2 | 47.8 | 6.4 | 1.5 | - | 55.7 | 45.5 | 10.2 |
| 03:40 AM - 03:45 AM | 55.4 | 47.9 | 7.5 | 0.5 | - | 57.9 | 45.7 | 12.2 |
| 03:45 AM - 03:50 AM | 57.1 | 48.0 | 9.1 | 0.5 | - | 59.6 | 45.9 | 13.7 |
| 03:50 AM - 03:55 AM | 54.1 | 48.4 | 5.7 | 1.5 | - | 55.6 | 46.3 | 9.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854816-1



**Sample No.** 23128872-30
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 03:55 AM - 04:00 AM | 52.6 | 47.3 | 5.3 | 1.5 | - | 54.1 | 44.6 | 9.5 |
| 04:00 AM - 04:05 AM | 53.2 | 46.2 | 7.0 | 1.0 | - | 55.2 | 44.6 | 10.6 |
| 04:05 AM - 04:10 AM | 51.8 | 45.4 | 6.4 | 1.5 | - | 53.3 | 43.9 | 9.4 |
| 04:10 AM - 04:15 AM | 51.3 | 44.4 | 6.9 | 1.0 | - | 53.3 | 42.7 | 10.6 |
| 04:15 AM - 04:20 AM | 54.1 | 44.4 | 9.7 | 0.5 | - | 56.6 | 42.7 | 13.9 |
| 04:20 AM - 04:25 AM | 54.5 | 47.7 | 6.8 | 1.0 | - | 56.5 | 42.5 | 14.0 |
| 04:25 AM - 04:30 AM | 56.4 | 44.1 | 12.3 | 0.5 | - | 58.9 | 42.4 | 16.5 |
| 04:30 AM - 04:35 AM | 55.2 | 44.0 | 11.2 | 0.5 | - | 57.7 | 41.7 | 16.0 |
| 04:35 AM - 04:40 AM | 52.9 | 48.5 | 4.4 | 2.0 | - | 53.9 | 41.8 | 12.1 |
| 04:40 AM - 04:45 AM | 52.2 | 64.1 | -11.9 | 7.0 | - | 48.2 | 54.5 | -6.3 |
| 04:45 AM - 04:50 AM | 53.2 | 48.6 | 4.6 | 1.5 | - | 54.7 | 41.4 | 13.3 |
| 04:50 AM - 04:55 AM | 53.1 | 45.7 | 7.4 | 1.0 | - | 55.1 | 41.2 | 13.9 |
| 04:55 AM - 05:00 AM | 54.2 | 43.3 | 10.9 | 0.5 | - | 56.7 | 41.2 | 15.5 |
| 05:00 AM - 05:05 AM | 53.2 | 45.7 | 7.5 | 0.5 | - | 55.7 | 40.8 | 14.9 |
| 05:05 AM - 05:10 AM | 53.0 | 44.9 | 8.1 | 0.5 | - | 55.5 | 41.2 | 14.3 |
| 05:10 AM - 05:15 AM | 54.2 | 44.8 | 9.4 | 0.5 | - | 56.7 | 41.6 | 15.1 |
| 05:15 AM - 05:20 AM | 51.5 | 45.2 | 6.3 | 1.5 | - | 53.0 | 42.2 | 10.8 |
| 05:20 AM - 05:25 AM | 48.9 | 48.1 | 0.8 | 7.0 | - | 44.9 | 42.4 | 2.5 |
| 05:25 AM - 05:30 AM | 48.4 | 46.7 | 1.7 | 4.5 | - | 46.9 | 43.0 | 3.9 |
| 05:30 AM - 05:35 AM | 50.2 | 47.7 | 2.5 | 3.0 | - | 50.2 | 42.2 | 8.0 |
| 05:35 AM - 05:40 AM | 51.1 | 48.3 | 2.8 | 3.0 | - | 51.1 | 41.9 | 9.2 |
| 05:40 AM - 05:45 AM | 50.2 | 49.4 | 0.8 | 7.0 | - | 46.2 | 42.6 | 3.6 |
| 05:45 AM - 05:50 AM | 49.5 | 49.6 | -0.1 | 7.0 | - | 45.5 | 43.6 | 1.9 |
| 05:50 AM - 05:55 AM | 50.5 | 49.3 | 1.2 | 7.0 | - | 46.5 | 44.9 | 1.6 |
| 05:55 AM - 06:00 AM | 53.1 | 48.3 | 4.8 | 1.5 | - | 54.6 | 45.6 | 9.0 |
| 06:00 AM - 07:00 AM | 50.8 | 51.6 | -0.8 | 7.0 | 43.8 | - | 42.3 | 1.5 |
| 07:00 AM - 08:00 AM | 50.0 | 49.0 | 1.0 | 7.0 | 43.0 | - | 39.8 | 3.2 |
| 08:00 AM - 09:00 AM | 45.6 | 46.2 | -0.6 | 7.0 | 38.6 | - | 37.8 | 0.8 |
| 09:00 AM - 10:00 AM | 44.3 | 42.5 | 1.8 | 4.5 | 39.8 | - | 37.2 | 2.6 |
| 10:00 AM - 11:00 AM | 47.8 | 42.9 | 4.9 | 1.5 | 46.3 | - | 37.7 | 8.6 |
| 11:00 AM - 12:00 PM | 57.4 | 48.2 | 9.2 | 0.5 | 56.9 | - | 40.0 | 16.9 |
| 12:00 PM - 01:00 PM | 46.4 | 47.0 | -0.6 | 7.0 | 39.4 | - | 40.9 | -1.5 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 24-25 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-30 วันที่ตรวจวัด 24-25 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854817-1



**Sample No.** 23128872-31
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 01:00 PM - 02:00 PM | 44.0 | 43.8 | 0.2 | 7.0 | 37.0 | - | 38.1 | -1.1 |
| 02:00 PM - 03:00 PM | 46.4 | 45.6 | 0.8 | 7.0 | 39.4 | - | 38.3 | 1.1 |
| 03:00 PM - 04:00 PM | 43.0 | 44.3 | -1.3 | 7.0 | 36.0 | - | 37.3 | -1.3 |
| 04:00 PM - 05:00 PM | 47.0 | 43.8 | 3.2 | 3.0 | 44.0 | - | 37.7 | 6.3 |
| 05:00 PM - 06:00 PM | 47.7 | 45.3 | 2.4 | 4.5 | 43.2 | - | 39.8 | 3.4 |
| 06:00 PM - 07:00 PM | 54.5 | 45.8 | 8.7 | 0.5 | 54.0 | - | 42.6 | 11.4 |
| 07:00 PM - 08:00 PM | 57.3 | 49.5 | 7.8 | 0.5 | 56.8 | - | 46.4 | 10.4 |
| 08:00 PM - 09:00 PM | 56.4 | 49.1 | 7.3 | 1.0 | 55.4 | - | 46.6 | 8.8 |
| 09:00 PM - 10:00 PM | 55.5 | 49.6 | 5.9 | 1.5 | 54.0 | - | 47.6 | 6.4 |
| 10:00 PM - 10:05 PM | 57.9 | 49.6 | 8.3 | 0.5 | - | 60.4 | 48.4 | 12.0 |
| 10:05 PM - 10:10 PM | 57.1 | 59.0 | -1.9 | 7.0 | - | 53.1 | 48.9 | 4.2 |
| 10:10 PM - 10:15 PM | 57.6 | 49.8 | 7.8 | 0.5 | - | 60.1 | 48.3 | 11.8 |
| 10:15 PM - 10:20 PM | 58.0 | 50.6 | 7.4 | 1.0 | - | 60.0 | 48.5 | 11.5 |
| 10:20 PM - 10:25 PM | 57.3 | 52.9 | 4.4 | 2.0 | - | 58.3 | 48.3 | 10.0 |
| 10:25 PM - 10:30 PM | 57.4 | 49.7 | 7.7 | 0.5 | - | 59.9 | 48.3 | 11.6 |
| 10:30 PM - 10:35 PM | 55.8 | 49.6 | 6.2 | 1.5 | - | 57.3 | 48.2 | 9.1 |
| 10:35 PM - 10:40 PM | 54.9 | 49.4 | 5.5 | 1.5 | - | 56.4 | 47.4 | 9.0 |
| 10:40 PM - 10:45 PM | 55.5 | 49.6 | 5.9 | 1.5 | - | 57.0 | 48.1 | 8.9 |
| 10:45 PM - 10:50 PM | 55.5 | 51.1 | 4.4 | 2.0 | - | 56.5 | 49.2 | 7.3 |
| 10:50 PM - 10:55 PM | 55.4 | 51.9 | 3.5 | 2.0 | - | 56.4 | 49.9 | 6.5 |
| 10:55 PM - 11:00 PM | 55.6 | 52.3 | 3.3 | 3.0 | - | 55.6 | 49.9 | 5.7 |
| 11:00 PM - 11:05 PM | 55.7 | 52.4 | 3.3 | 3.0 | - | 55.7 | 50.0 | 5.7 |
| 11:05 PM - 11:10 PM | 56.9 | 52.3 | 4.6 | 1.5 | - | 58.4 | 50.1 | 8.3 |
| 11:10 PM - 11:15 PM | 56.2 | 52.2 | 4.0 | 2.0 | - | 57.2 | 49.9 | 7.3 |
| 11:15 PM - 11:20 PM | 57.1 | 51.1 | 6.0 | 1.5 | - | 58.6 | 49.8 | 8.8 |
| 11:20 PM - 11:25 PM | 56.6 | 51.4 | 5.2 | 1.5 | - | 58.1 | 50.0 | 8.1 |
| 11:25 PM - 11:30 PM | 55.7 | 50.9 | 4.8 | 1.5 | - | 57.2 | 50.1 | 7.1 |
| 11:30 PM - 11:35 PM | 56.1 | 52.0 | 4.1 | 2.0 | - | 57.1 | 50.4 | 6.7 |
| 11:35 PM - 11:40 PM | 55.9 | 51.2 | 4.7 | 1.5 | - | 57.4 | 50.3 | 7.1 |
| 11:40 PM - 11:45 PM | 65.3 | 50.6 | 14.7 | 0.0 | - | 68.3 | 49.2 | 19.1 |
| 11:45 PM - 11:50 PM | 59.1 | 49.7 | 9.4 | 0.5 | - | 61.6 | 48.4 | 13.2 |
| 11:50 PM - 11:55 PM | 56.1 | 50.1 | 6.0 | 1.5 | - | 57.6 | 49.1 | 8.5 |
| 11:55 PM - 12:00 AM | 55.1 | 66.3 | -11.2 | 7.0 | - | 51.1 | 49.5 | 1.6 |
| 12:00 AM - 12:05 AM | 56.9 | 49.7 | 7.2 | 1.0 | - | 58.9 | 48.4 | 10.5 |
| 12:05 AM - 12:10 AM | 56.0 | 50.5 | 5.5 | 1.5 | - | 57.5 | 47.6 | 9.9 |
| 12:10 AM - 12:15 AM | 54.5 | 60.9 | -6.4 | 7.0 | - | 50.5 | 49.3 | 1.2 |
| 12:15 AM - 12:20 AM | 54.4 | 58.0 | -3.6 | 7.0 | - | 50.4 | 49.3 | 1.1 |
| 12:20 AM - 12:25 AM | 55.8 | 51.9 | 3.9 | 2.0 | - | 56.8 | 49.2 | 7.6 |
| 12:25 AM - 12:30 AM | 56.2 | 51.9 | 4.3 | 2.0 | - | 57.2 | 49.4 | 7.8 |
| 12:30 AM - 12:35 AM | 56.5 | 51.7 | 4.8 | 1.5 | - | 58.0 | 49.2 | 8.8 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854817-1



**Sample No.** 23128872-31
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:35 AM - 12:40 AM | 56.6 | 50.4 | 6.2 | 1.5 | - | 58.1 | 49.2 | 8.9 |
| 12:40 AM - 12:45 AM | 56.8 | 51.5 | 5.3 | 1.5 | - | 58.3 | 49.4 | 8.9 |
| 12:45 AM - 12:50 AM | 56.1 | 50.5 | 5.6 | 1.5 | - | 57.6 | 49.4 | 8.2 |
| 12:50 AM - 12:55 AM | 56.0 | 50.6 | 5.4 | 1.5 | - | 57.5 | 49.3 | 8.2 |
| 12:55 AM - 01:00 AM | 55.9 | 50.4 | 5.5 | 1.5 | - | 57.4 | 49.3 | 8.1 |
| 01:00 AM - 01:05 AM | 55.7 | 50.3 | 5.4 | 1.5 | - | 57.2 | 49.2 | 8.0 |
| 01:05 AM - 01:10 AM | 56.0 | 50.1 | 5.9 | 1.5 | - | 57.5 | 48.7 | 8.8 |
| 01:10 AM - 01:15 AM | 56.7 | 49.4 | 7.3 | 1.0 | - | 58.7 | 47.9 | 10.8 |
| 01:15 AM - 01:20 AM | 56.6 | 50.5 | 6.1 | 1.5 | - | 58.1 | 48.7 | 9.4 |
| 01:20 AM - 01:25 AM | 56.6 | 49.5 | 7.1 | 1.0 | - | 58.6 | 48.1 | 10.5 |
| 01:25 AM - 01:30 AM | 55.1 | 51.5 | 3.6 | 2.0 | - | 56.1 | 48.4 | 7.7 |
| 01:30 AM - 01:35 AM | 54.2 | 51.0 | 3.2 | 3.0 | - | 54.2 | 48.7 | 5.5 |
| 01:35 AM - 01:40 AM | 55.0 | 49.9 | 5.1 | 1.5 | - | 56.5 | 48.4 | 8.1 |
| 01:40 AM - 01:45 AM | 54.6 | 49.1 | 5.5 | 1.5 | - | 56.1 | 47.3 | 8.8 |
| 01:45 AM - 01:50 AM | 55.2 | 49.7 | 5.5 | 1.5 | - | 56.7 | 48.1 | 8.6 |
| 01:50 AM - 01:55 AM | 55.4 | 49.7 | 5.7 | 1.5 | - | 56.9 | 47.4 | 9.5 |
| 01:55 AM - 02:00 AM | 55.0 | 49.6 | 5.4 | 1.5 | - | 56.5 | 47.2 | 9.3 |
| 02:00 AM - 02:05 AM | 55.4 | 48.7 | 6.7 | 1.0 | - | 57.4 | 47.1 | 10.3 |
| 02:05 AM - 02:10 AM | 55.8 | 49.0 | 6.8 | 1.0 | - | 57.8 | 47.6 | 10.2 |
| 02:10 AM - 02:15 AM | 55.9 | 49.6 | 6.3 | 1.5 | - | 57.4 | 48.1 | 9.3 |
| 02:15 AM - 02:20 AM | 55.7 | 49.8 | 5.9 | 1.5 | - | 57.2 | 47.8 | 9.4 |
| 02:20 AM - 02:25 AM | 53.4 | 51.1 | 2.3 | 4.5 | - | 51.9 | 49.9 | 2.0 |
| 02:25 AM - 02:30 AM | 55.9 | 51.4 | 4.5 | 1.5 | - | 57.4 | 49.9 | 7.5 |
| 02:30 AM - 02:35 AM | 56.2 | 50.5 | 5.7 | 1.5 | - | 57.7 | 47.9 | 9.8 |
| 02:35 AM - 02:40 AM | 56.2 | 49.8 | 6.4 | 1.5 | - | 57.7 | 46.9 | 10.8 |
| 02:40 AM - 02:45 AM | 56.5 | 50.2 | 6.3 | 1.5 | - | 58.0 | 48.3 | 9.7 |
| 02:45 AM - 02:50 AM | 53.9 | 50.4 | 3.5 | 2.0 | - | 54.9 | 48.8 | 6.1 |
| 02:50 AM - 02:55 AM | 51.2 | 49.4 | 1.8 | 4.5 | - | 49.7 | 47.1 | 2.6 |
| 02:55 AM - 03:00 AM | 50.4 | 50.4 | 0.0 | 7.0 | - | 46.4 | 48.1 | -1.7 |
| 03:00 AM - 03:05 AM | 49.6 | 49.8 | -0.2 | 7.0 | - | 45.6 | 45.2 | 0.4 |
| 03:05 AM - 03:10 AM | 49.7 | 49.0 | 0.7 | 7.0 | - | 45.7 | 47.6 | -1.9 |
| 03:10 AM - 03:15 AM | 49.0 | 47.7 | 1.3 | 7.0 | - | 45.0 | 46.4 | -1.4 |
| 03:15 AM - 03:20 AM | 49.0 | 46.7 | 2.3 | 4.5 | - | 47.5 | 45.6 | 1.9 |
| 03:20 AM - 03:25 AM | 49.0 | 47.4 | 1.6 | 4.5 | - | 47.5 | 46.3 | 1.2 |
| 03:25 AM - 03:30 AM | 48.1 | 46.0 | 2.1 | 4.5 | - | 46.6 | 45.1 | 1.5 |
| 03:30 AM - 03:35 AM | 48.7 | 46.3 | 2.4 | 4.5 | - | 47.2 | 45.3 | 1.9 |
| 03:35 AM - 03:40 AM | 49.9 | 46.3 | 3.6 | 2.0 | - | 50.9 | 45.1 | 5.8 |
| 03:40 AM - 03:45 AM | 51.3 | 45.5 | 5.8 | 1.5 | - | 52.8 | 44.3 | 8.5 |
| 03:45 AM - 03:50 AM | 51.6 | 45.7 | 5.9 | 1.5 | - | 53.1 | 44.4 | 8.7 |
| 03:50 AM - 03:55 AM | 51.0 | 46.7 | 4.3 | 2.0 | - | 52.0 | 44.9 | 7.1 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854817-1



**Sample No.** 23128872-31
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 03:55 AM - 04:00 AM | 50.3 | 47.6 | 2.7 | 3.0 | - | 50.3 | 44.7 | 5.6 |
| 04:00 AM - 04:05 AM | 49.9 | 48.8 | 1.1 | 7.0 | - | 45.9 | 46.4 | -0.5 |
| 04:05 AM - 04:10 AM | 49.6 | 48.6 | 1.0 | 7.0 | - | 45.6 | 46.2 | -0.6 |
| 04:10 AM - 04:15 AM | 49.0 | 48.4 | 0.6 | 7.0 | - | 45.0 | 46.2 | -1.2 |
| 04:15 AM - 04:20 AM | 48.4 | 47.9 | 0.5 | 7.0 | - | 44.4 | 45.6 | -1.2 |
| 04:20 AM - 04:25 AM | 48.3 | 47.7 | 0.6 | 7.0 | - | 44.3 | 45.2 | -0.9 |
| 04:25 AM - 04:30 AM | 48.1 | 47.1 | 1.0 | 7.0 | - | 44.1 | 43.8 | 0.3 |
| 04:30 AM - 04:35 AM | 49.5 | 46.9 | 2.6 | 3.0 | - | 49.5 | 43.2 | 6.3 |
| 04:35 AM - 04:40 AM | 48.8 | 47.4 | 1.4 | 7.0 | - | 44.8 | 44.0 | 0.8 |
| 04:40 AM - 04:45 AM | 46.8 | 48.6 | -1.8 | 7.0 | - | 42.8 | 45.5 | -2.7 |
| 04:45 AM - 04:50 AM | 45.7 | 50.7 | -5.0 | 7.0 | - | 41.7 | 44.0 | -2.3 |
| 04:50 AM - 04:55 AM | 45.5 | 48.2 | -2.7 | 7.0 | - | 41.5 | 41.7 | -0.2 |
| 04:55 AM - 05:00 AM | 47.4 | 41.3 | 6.1 | 1.5 | - | 48.9 | 40.2 | 8.7 |
| 05:00 AM - 05:05 AM | 48.0 | 43.5 | 4.5 | 1.5 | - | 49.5 | 40.9 | 8.6 |
| 05:05 AM - 05:10 AM | 48.0 | 42.1 | 5.9 | 1.5 | - | 49.5 | 41.2 | 8.3 |
| 05:10 AM - 05:15 AM | 48.8 | 46.1 | 2.7 | 3.0 | - | 48.8 | 41.0 | 7.8 |
| 05:15 AM - 05:20 AM | 48.7 | 45.0 | 3.7 | 2.0 | - | 49.7 | 41.8 | 7.9 |
| 05:20 AM - 05:25 AM | 48.3 | 44.2 | 4.1 | 2.0 | - | 49.3 | 42.1 | 7.2 |
| 05:25 AM - 05:30 AM | 48.5 | 45.8 | 2.7 | 3.0 | - | 48.5 | 42.1 | 6.4 |
| 05:30 AM - 05:35 AM | 50.4 | 48.5 | 1.9 | 4.5 | - | 48.9 | 42.3 | 6.6 |
| 05:35 AM - 05:40 AM | 50.6 | 51.4 | -0.8 | 7.0 | - | 46.6 | 41.8 | 4.8 |
| 05:40 AM - 05:45 AM | 51.5 | 49.6 | 1.9 | 4.5 | - | 50.0 | 41.9 | 8.1 |
| 05:45 AM - 05:50 AM | 52.4 | 47.9 | 4.5 | 1.5 | - | 53.9 | 42.5 | 11.4 |
| 05:50 AM - 05:55 AM | 49.5 | 44.4 | 5.1 | 1.5 | - | 51.0 | 41.7 | 9.3 |
| 05:55 AM - 06:00 AM | 49.9 | 47.1 | 2.8 | 3.0 | - | 49.9 | 42.0 | 7.9 |
| 06:00 AM - 07:00 AM | 50.4 | 47.9 | 2.5 | 3.0 | 47.4 | - | 42.1 | 5.3 |
| 07:00 AM - 08:00 AM | 48.3 | 46.3 | 2.0 | 4.5 | 43.8 | - | 40.3 | 3.5 |
| 08:00 AM - 09:00 AM | 47.5 | 46.0 | 1.5 | 4.5 | 43.0 | - | 40.1 | 2.9 |
| 09:00 AM - 10:00 AM | 46.5 | 44.7 | 1.8 | 4.5 | 42.0 | - | 39.3 | 2.7 |
| 10:00 AM - 11:00 AM | 45.0 | 45.0 | 0.0 | 7.0 | 38.0 | - | 39.7 | -1.7 |
| 11:00 AM - 12:00 PM | 46.9 | 46.0 | 0.9 | 7.0 | 39.9 | - | 39.4 | 0.5 |
| 12:00 PM - 01:00 PM | 46.6 | 45.4 | 1.2 | 7.0 | 39.6 | - | 38.2 | 1.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-31 วันที่ตรวจวัด 25-26 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854818-1



**Sample No.** 23128872-32
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 01:00 PM - 02:00 PM | 44.6 | 44.8 | -0.2 | 7.0 | 37.6 | - | 39.3 | -1.7 |
| 02:00 PM - 03:00 PM | 46.1 | 45.9 | 0.2 | 7.0 | 39.1 | - | 39.2 | -0.1 |
| 03:00 PM - 04:00 PM | 44.3 | 43.5 | 0.8 | 7.0 | 37.3 | - | 37.9 | -0.6 |
| 04:00 PM - 05:00 PM | 49.4 | 48.7 | 0.7 | 7.0 | 42.4 | - | 39.6 | 2.8 |
| 05:00 PM - 06:00 PM | 47.0 | 47.8 | -0.8 | 7.0 | 40.0 | - | 38.7 | 1.3 |
| 06:00 PM - 07:00 PM | 55.7 | 47.9 | 7.8 | 0.5 | 55.2 | - | 43.8 | 11.4 |
| 07:00 PM - 08:00 PM | 59.1 | 51.7 | 7.4 | 1.0 | 58.1 | - | 48.6 | 9.5 |
| 08:00 PM - 09:00 PM | 56.4 | 53.6 | 2.8 | 3.0 | 53.4 | - | 50.7 | 2.7 |
| 09:00 PM - 10:00 PM | 53.1 | 51.7 | 1.4 | 7.0 | 46.1 | - | 48.3 | -2.2 |
| 10:00 PM - 10:05 PM | 54.2 | 50.5 | 3.7 | 2.0 | - | 55.2 | 48.3 | 6.9 |
| 10:05 PM - 10:10 PM | 51.4 | 50.9 | 0.5 | 7.0 | - | 47.4 | 47.7 | -0.3 |
| 10:10 PM - 10:15 PM | 51.7 | 51.9 | -0.2 | 7.0 | - | 47.7 | 47.4 | 0.3 |
| 10:15 PM - 10:20 PM | 54.3 | 51.7 | 2.6 | 3.0 | - | 54.3 | 46.4 | 7.9 |
| 10:20 PM - 10:25 PM | 54.8 | 42.6 | 12.2 | 0.5 | - | 57.3 | 39.9 | 17.4 |
| 10:25 PM - 10:30 PM | 53.9 | 44.5 | 9.4 | 0.5 | - | 56.4 | 43.0 | 13.4 |
| 10:30 PM - 10:35 PM | 52.8 | 46.7 | 6.1 | 1.5 | - | 54.3 | 45.3 | 9.0 |
| 10:35 PM - 10:40 PM | 56.9 | 45.8 | 11.1 | 0.5 | - | 59.4 | 44.2 | 15.2 |
| 10:40 PM - 10:45 PM | 56.6 | 46.5 | 10.1 | 0.5 | - | 59.1 | 44.0 | 15.1 |
| 10:45 PM - 10:50 PM | 54.8 | 48.6 | 6.2 | 1.5 | - | 56.3 | 40.2 | 16.1 |
| 10:50 PM - 10:55 PM | 41.3 | 56.6 | -15.3 | 7.0 | - | 37.3 | 45.7 | -8.4 |
| 10:55 PM - 11:00 PM | 45.2 | 57.1 | -11.9 | 7.0 | - | 41.2 | 49.8 | -8.6 |
| 11:00 PM - 11:05 PM | 47.5 | 53.1 | -5.6 | 7.0 | - | 43.5 | 39.7 | 3.8 |
| 11:05 PM - 11:10 PM | 48.1 | 39.8 | 8.3 | 0.5 | - | 50.6 | 38.5 | 12.1 |
| 11:10 PM - 11:15 PM | 49.8 | 42.5 | 7.3 | 1.0 | - | 51.8 | 40.4 | 11.4 |
| 11:15 PM - 11:20 PM | 50.5 | 43.8 | 6.7 | 1.0 | - | 52.5 | 42.8 | 9.7 |
| 11:20 PM - 11:25 PM | 48.6 | 45.0 | 3.6 | 2.0 | - | 49.6 | 43.4 | 6.2 |
| 11:25 PM - 11:30 PM | 49.0 | 45.3 | 3.7 | 2.0 | - | 50.0 | 44.4 | 5.6 |
| 11:30 PM - 11:35 PM | 49.7 | 45.1 | 4.6 | 1.5 | - | 51.2 | 44.3 | 6.9 |
| 11:35 PM - 11:40 PM | 48.9 | 45.6 | 3.3 | 3.0 | - | 48.9 | 43.8 | 5.1 |
| 11:40 PM - 11:45 PM | 49.4 | 44.0 | 5.4 | 1.5 | - | 50.9 | 43.0 | 7.9 |
| 11:45 PM - 11:50 PM | 52.7 | 44.7 | 8.0 | 0.5 | - | 55.2 | 42.7 | 12.5 |
| 11:50 PM - 11:55 PM | 51.5 | 45.5 | 6.0 | 1.5 | - | 53.0 | 44.3 | 8.7 |
| 11:55 PM - 12:00 AM | 52.5 | 45.3 | 7.2 | 1.0 | - | 54.5 | 44.1 | 10.4 |
| 12:00 AM - 12:05 AM | 52.4 | 46.0 | 6.4 | 1.5 | - | 53.9 | 44.8 | 9.1 |
| 12:05 AM - 12:10 AM | 51.9 | 45.3 | 6.6 | 1.0 | - | 53.9 | 44.3 | 9.6 |
| 12:10 AM - 12:15 AM | 52.4 | 45.5 | 6.9 | 1.0 | - | 54.4 | 44.5 | 9.9 |
| 12:15 AM - 12:20 AM | 49.2 | 45.6 | 3.6 | 2.0 | - | 50.2 | 44.4 | 5.8 |
| 12:20 AM - 12:25 AM | 51.5 | 45.0 | 6.5 | 1.0 | - | 53.5 | 43.9 | 9.6 |
| 12:25 AM - 12:30 AM | 51.2 | 45.4 | 5.8 | 1.5 | - | 52.7 | 43.8 | 8.9 |
| 12:30 AM - 12:35 AM | 49.7 | 43.8 | 5.9 | 1.5 | - | 51.2 | 42.2 | 9.0 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854818-1



**Sample No.** 23128872-32
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:35 AM - 12:40 AM | 50.1 | 45.6 | 4.5 | 1.5 | - | 51.6 | 43.4 | 8.2 |
| 12:40 AM - 12:45 AM | 49.7 | 47.1 | 2.6 | 3.0 | - | 49.7 | 45.2 | 4.5 |
| 12:45 AM - 12:50 AM | 49.4 | 47.8 | 1.6 | 4.5 | - | 47.9 | 45.9 | 2.0 |
| 12:50 AM - 12:55 AM | 48.8 | 47.0 | 1.8 | 4.5 | - | 47.3 | 44.7 | 2.6 |
| 12:55 AM - 01:00 AM | 47.5 | 45.9 | 1.6 | 4.5 | - | 46.0 | 44.3 | 1.7 |
| 01:00 AM - 01:05 AM | 49.1 | 45.5 | 3.6 | 2.0 | - | 50.1 | 43.8 | 6.3 |
| 01:05 AM - 01:10 AM | 50.1 | 44.6 | 5.5 | 1.5 | - | 51.6 | 43.3 | 8.3 |
| 01:10 AM - 01:15 AM | 50.0 | 45.2 | 4.8 | 1.5 | - | 51.5 | 43.9 | 7.6 |
| 01:15 AM - 01:20 AM | 50.0 | 45.3 | 4.7 | 1.5 | - | 51.5 | 43.9 | 7.6 |
| 01:20 AM - 01:25 AM | 49.5 | 45.5 | 4.0 | 2.0 | - | 50.5 | 44.1 | 6.4 |
| 01:25 AM - 01:30 AM | 51.0 | 46.7 | 4.3 | 2.0 | - | 52.0 | 44.7 | 7.3 |
| 01:30 AM - 01:35 AM | 55.3 | 46.4 | 8.9 | 0.5 | - | 57.8 | 44.1 | 13.7 |
| 01:35 AM - 01:40 AM | 55.0 | 45.2 | 9.8 | 0.5 | - | 57.5 | 43.9 | 13.6 |
| 01:40 AM - 01:45 AM | 54.2 | 47.1 | 7.1 | 1.0 | - | 56.2 | 43.9 | 12.3 |
| 01:45 AM - 01:50 AM | 55.0 | 47.7 | 7.3 | 1.0 | - | 57.0 | 46.2 | 10.8 |
| 01:50 AM - 01:55 AM | 55.1 | 48.2 | 6.9 | 1.0 | - | 57.1 | 47.0 | 10.1 |
| 01:55 AM - 02:00 AM | 54.9 | 46.5 | 8.4 | 0.5 | - | 57.4 | 44.7 | 12.7 |
| 02:00 AM - 02:05 AM | 55.3 | 47.3 | 8.0 | 0.5 | - | 57.8 | 45.6 | 12.2 |
| 02:05 AM - 02:10 AM | 55.3 | 46.7 | 8.6 | 0.5 | - | 57.8 | 44.9 | 12.9 |
| 02:10 AM - 02:15 AM | 54.9 | 47.5 | 7.4 | 1.0 | - | 56.9 | 44.6 | 12.3 |
| 02:15 AM - 02:20 AM | 54.3 | 47.9 | 6.4 | 1.5 | - | 55.8 | 45.7 | 10.1 |
| 02:20 AM - 02:25 AM | 52.0 | 46.7 | 5.3 | 1.5 | - | 53.5 | 43.0 | 10.5 |
| 02:25 AM - 02:30 AM | 55.4 | 47.0 | 8.4 | 0.5 | - | 57.9 | 44.6 | 13.3 |
| 02:30 AM - 02:35 AM | 51.9 | 46.9 | 5.0 | 1.5 | - | 53.4 | 43.6 | 9.8 |
| 02:35 AM - 02:40 AM | 50.1 | 45.9 | 4.2 | 2.0 | - | 51.1 | 43.2 | 7.9 |
| 02:40 AM - 02:45 AM | 50.6 | 47.7 | 2.9 | 3.0 | - | 50.6 | 44.1 | 6.5 |
| 02:45 AM - 02:50 AM | 50.5 | 42.3 | 8.2 | 0.5 | - | 53.0 | 41.0 | 12.0 |
| 02:50 AM - 02:55 AM | 50.6 | 43.4 | 7.2 | 1.0 | - | 52.6 | 41.4 | 11.2 |
| 02:55 AM - 03:00 AM | 50.2 | 44.1 | 6.1 | 1.5 | - | 51.7 | 42.1 | 9.6 |
| 03:00 AM - 03:05 AM | 49.6 | 44.5 | 5.1 | 1.5 | - | 51.1 | 42.5 | 8.6 |
| 03:05 AM - 03:10 AM | 50.6 | 44.2 | 6.4 | 1.5 | - | 52.1 | 42.0 | 10.1 |
| 03:10 AM - 03:15 AM | 52.0 | 44.0 | 8.0 | 0.5 | - | 54.5 | 41.9 | 12.6 |
| 03:15 AM - 03:20 AM | 51.3 | 43.2 | 8.1 | 0.5 | - | 53.8 | 41.1 | 12.7 |
| 03:20 AM - 03:25 AM | 52.1 | 43.5 | 8.6 | 0.5 | - | 54.6 | 41.4 | 13.2 |
| 03:25 AM - 03:30 AM | 52.2 | 43.0 | 9.2 | 0.5 | - | 54.7 | 41.0 | 13.7 |
| 03:30 AM - 03:35 AM | 52.0 | 42.2 | 9.8 | 0.5 | - | 54.5 | 40.6 | 13.9 |
| 03:35 AM - 03:40 AM | 51.1 | 43.5 | 7.6 | 0.5 | - | 53.6 | 41.1 | 12.5 |
| 03:40 AM - 03:45 AM | 51.6 | 44.1 | 7.5 | 0.5 | - | 54.1 | 41.6 | 12.5 |
| 03:45 AM - 03:50 AM | 51.8 | 44.5 | 7.3 | 1.0 | - | 53.8 | 41.5 | 12.3 |
| 03:50 AM - 03:55 AM | 50.6 | 45.6 | 5.0 | 1.5 | - | 52.1 | 42.6 | 9.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854818-1



**Sample No.** 23128872-32
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:55 AM - 04:00 AM | 50.5 | 46.1 | 4.4 | 2.0 | - | 51.5 | 43.6 | 7.9 |
| 04:00 AM - 04:05 AM | 50.8 | 46.0 | 4.8 | 1.5 | - | 52.3 | 43.3 | 9.0 |
| 04:05 AM - 04:10 AM | 50.0 | 45.7 | 4.3 | 2.0 | - | 51.0 | 42.6 | 8.4 |
| 04:10 AM - 04:15 AM | 50.3 | 44.8 | 5.5 | 1.5 | - | 51.8 | 41.9 | 9.9 |
| 04:15 AM - 04:20 AM | 49.4 | 44.3 | 5.1 | 1.5 | - | 50.9 | 41.6 | 9.3 |
| 04:20 AM - 04:25 AM | 48.5 | 44.6 | 3.9 | 2.0 | - | 49.5 | 41.5 | 8.0 |
| 04:25 AM - 04:30 AM | 47.7 | 45.0 | 2.7 | 3.0 | - | 47.7 | 41.8 | 5.9 |
| 04:30 AM - 04:35 AM | 50.9 | 44.8 | 6.1 | 1.5 | - | 52.4 | 41.4 | 11.0 |
| 04:35 AM - 04:40 AM | 53.0 | 45.2 | 7.8 | 0.5 | - | 55.5 | 41.8 | 13.7 |
| 04:40 AM - 04:45 AM | 52.4 | 44.4 | 8.0 | 0.5 | - | 54.9 | 41.4 | 13.5 |
| 04:45 AM - 04:50 AM | 52.4 | 46.8 | 5.6 | 1.5 | - | 53.9 | 42.0 | 11.9 |
| 04:50 AM - 04:55 AM | 53.3 | 44.7 | 8.6 | 0.5 | - | 55.8 | 41.6 | 14.2 |
| 04:55 AM - 05:00 AM | 54.2 | 44.3 | 9.9 | 0.5 | - | 56.7 | 41.9 | 14.8 |
| 05:00 AM - 05:05 AM | 51.1 | 45.1 | 6.0 | 1.5 | - | 52.6 | 42.9 | 9.7 |
| 05:05 AM - 05:10 AM | 51.7 | 44.1 | 7.6 | 0.5 | - | 54.2 | 41.4 | 12.8 |
| 05:10 AM - 05:15 AM | 49.7 | 53.6 | -3.9 | 7.0 | - | 45.7 | 41.8 | 3.9 |
| 05:15 AM - 05:20 AM | 53.6 | 43.8 | 9.8 | 0.5 | - | 56.1 | 41.3 | 14.8 |
| 05:20 AM - 05:25 AM | 53.7 | 44.8 | 8.9 | 0.5 | - | 56.2 | 42.2 | 14.0 |
| 05:25 AM - 05:30 AM | 54.5 | 44.9 | 9.6 | 0.5 | - | 57.0 | 42.2 | 14.8 |
| 05:30 AM - 05:35 AM | 52.8 | 45.2 | 7.6 | 0.5 | - | 55.3 | 43.0 | 12.3 |
| 05:35 AM - 05:40 AM | 50.6 | 45.9 | 4.7 | 1.5 | - | 52.1 | 43.8 | 8.3 |
| 05:40 AM - 05:45 AM | 51.7 | 46.2 | 5.5 | 1.5 | - | 53.2 | 43.9 | 9.3 |
| 05:45 AM - 05:50 AM | 51.4 | 49.7 | 1.7 | 4.5 | - | 49.9 | 45.3 | 4.6 |
| 05:50 AM - 05:55 AM | 53.4 | 50.8 | 2.6 | 3.0 | - | 53.4 | 45.6 | 7.8 |
| 05:55 AM - 06:00 AM | 51.3 | 48.6 | 2.7 | 3.0 | - | 51.3 | 46.1 | 5.2 |
| 06:00 AM - 07:00 AM | 48.7 | 49.2 | -0.5 | 7.0 | 41.7 | - | 45.2 | -3.5 |
| 07:00 AM - 08:00 AM | 54.9 | 53.5 | 1.4 | 7.0 | 47.9 | - | 45.0 | 2.9 |
| 08:00 AM - 09:00 AM | 51.1 | 52.6 | -1.5 | 7.0 | 44.1 | - | 44.7 | -0.6 |
| 09:00 AM - 10:00 AM | 46.6 | 45.3 | 1.3 | 7.0 | 39.6 | - | 40.7 | -1.1 |
| 10:00 AM - 11:00 AM | 45.3 | 45.1 | 0.2 | 7.0 | 38.3 | - | 41.3 | -3.0 |
| 11:00 AM - 12:00 PM | 44.1 | 44.0 | 0.1 | 7.0 | 37.1 | - | 39.9 | -2.8 |
| 12:00 PM - 01:00 PM | 56.1 | 53.8 | 2.3 | 4.5 | 51.6 | - | 44.0 | 7.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-32 วันที่ตรวจวัด 26-27 พฤศจิกายน 2566)

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854819-1



**Sample No.** 23128872-33
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 01:00 PM - 02:00 PM | 44.5 | 48.1 | -3.6 | 7.0 | 37.5 | - | 40.9 | -3.4 |
| 02:00 PM - 03:00 PM | 55.0 | 49.1 | 5.9 | 1.5 | 53.5 | - | 41.1 | 12.4 |
| 03:00 PM - 04:00 PM | 56.7 | 55.0 | 1.7 | 4.5 | 52.2 | - | 44.9 | 7.3 |
| 04:00 PM - 05:00 PM | 49.4 | 50.4 | -1.0 | 7.0 | 42.4 | - | 41.7 | 0.7 |
| 05:00 PM - 06:00 PM | 48.9 | 47.2 | 1.7 | 4.5 | 44.4 | - | 40.6 | 3.8 |
| 06:00 PM - 07:00 PM | 63.9 | 51.9 | 12.0 | 0.5 | 63.4 | - | 47.5 | 15.9 |
| 07:00 PM - 08:00 PM | 63.7 | 58.5 | 5.2 | 1.5 | 62.2 | - | 53.1 | 9.1 |
| 08:00 PM - 09:00 PM | 58.9 | 54.4 | 4.5 | 1.5 | 57.4 | - | 52.4 | 5.0 |
| 09:00 PM - 10:00 PM | 59.7 | 55.3 | 4.4 | 2.0 | 57.7 | - | 50.3 | 7.4 |
| 10:00 PM - 10:05 PM | 54.7 | 50.9 | 3.8 | 2.0 | - | 55.7 | 47.7 | 8.0 |
| 10:05 PM - 10:10 PM | 54.4 | 52.4 | 2.0 | 4.5 | - | 52.9 | 50.5 | 2.4 |
| 10:10 PM - 10:15 PM | 55.2 | 53.7 | 1.5 | 4.5 | - | 53.7 | 49.3 | 4.4 |
| 10:15 PM - 10:20 PM | 55.0 | 51.3 | 3.7 | 2.0 | - | 56.0 | 48.7 | 7.3 |
| 10:20 PM - 10:25 PM | 54.0 | 52.0 | 2.0 | 4.5 | - | 52.5 | 49.6 | 2.9 |
| 10:25 PM - 10:30 PM | 52.1 | 52.4 | -0.3 | 7.0 | - | 48.1 | 50.3 | -2.2 |
| 10:30 PM - 10:35 PM | 53.5 | 52.5 | 1.0 | 7.0 | - | 49.5 | 50.4 | -0.9 |
| 10:35 PM - 10:40 PM | 53.2 | 52.2 | 1.0 | 7.0 | - | 49.2 | 49.8 | -0.6 |
| 10:40 PM - 10:45 PM | 53.6 | 50.9 | 2.7 | 3.0 | - | 53.6 | 49.5 | 4.1 |
| 10:45 PM - 10:50 PM | 54.8 | 51.0 | 3.8 | 2.0 | - | 55.8 | 49.7 | 6.1 |
| 10:50 PM - 10:55 PM | 54.7 | 50.9 | 3.8 | 2.0 | - | 55.7 | 49.5 | 6.2 |
| 10:55 PM - 11:00 PM | 54.7 | 52.1 | 2.6 | 3.0 | - | 54.7 | 49.4 | 5.3 |
| 11:00 PM - 11:05 PM | 54.3 | 49.9 | 4.4 | 2.0 | - | 55.3 | 48.6 | 6.7 |
| 11:05 PM - 11:10 PM | 54.5 | 50.4 | 4.1 | 2.0 | - | 55.5 | 49.1 | 6.4 |
| 11:10 PM - 11:15 PM | 54.7 | 50.1 | 4.6 | 1.5 | - | 56.2 | 48.8 | 7.4 |
| 11:15 PM - 11:20 PM | 54.6 | 50.6 | 4.0 | 2.0 | - | 55.6 | 49.0 | 6.6 |
| 11:20 PM - 11:25 PM | 54.1 | 51.2 | 2.9 | 3.0 | - | 54.1 | 49.7 | 4.4 |
| 11:25 PM - 11:30 PM | 53.9 | 50.7 | 3.2 | 3.0 | - | 53.9 | 49.6 | 4.3 |
| 11:30 PM - 11:35 PM | 53.7 | 50.7 | 3.0 | 3.0 | - | 53.7 | 49.5 | 4.2 |
| 11:35 PM - 11:40 PM | 52.5 | 50.3 | 2.2 | 4.5 | - | 51.0 | 49.0 | 2.0 |
| 11:40 PM - 11:45 PM | 51.2 | 50.1 | 1.1 | 7.0 | - | 47.2 | 48.5 | -1.3 |
| 11:45 PM - 11:50 PM | 51.3 | 49.9 | 1.4 | 7.0 | - | 47.3 | 48.7 | -1.4 |
| 11:50 PM - 11:55 PM | 51.6 | 49.9 | 1.7 | 4.5 | - | 50.1 | 48.5 | 1.6 |
| 11:55 PM - 12:00 AM | 51.5 | 50.1 | 1.4 | 7.0 | - | 47.5 | 48.7 | -1.2 |
| 12:00 AM - 12:05 AM | 50.1 | 50.0 | 0.1 | 7.0 | - | 46.1 | 48.7 | -2.6 |
| 12:05 AM - 12:10 AM | 50.3 | 49.5 | 0.8 | 7.0 | - | 46.3 | 48.1 | -1.8 |
| 12:10 AM - 12:15 AM | 49.1 | 48.1 | 1.0 | 7.0 | - | 45.1 | 45.4 | -0.3 |
| 12:15 AM - 12:20 AM | 49.2 | 48.6 | 0.6 | 7.0 | - | 45.2 | 46.0 | -0.8 |
| 12:20 AM - 12:25 AM | 48.3 | 49.2 | -0.9 | 7.0 | - | 44.3 | 46.9 | -2.6 |
| 12:25 AM - 12:30 AM | 49.8 | 49.1 | 0.7 | 7.0 | - | 45.8 | 47.2 | -1.4 |
| 12:30 AM - 12:35 AM | 50.8 | 48.8 | 2.0 | 4.5 | - | 49.3 | 45.9 | 3.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854819-1



**Sample No.** 23128872-33
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:35 AM - 12:40 AM | 51.8 | 48.8 | 3.0 | 3.0 | - | 51.8 | 46.1 | 5.7 |
| 12:40 AM - 12:45 AM | 51.8 | 48.9 | 2.9 | 3.0 | - | 51.8 | 46.9 | 4.9 |
| 12:45 AM - 12:50 AM | 55.6 | 49.2 | 6.4 | 1.5 | - | 57.1 | 47.1 | 10.0 |
| 12:50 AM - 12:55 AM | 55.2 | 48.7 | 6.5 | 1.0 | - | 57.2 | 45.7 | 11.5 |
| 12:55 AM - 01:00 AM | 55.1 | 49.4 | 5.7 | 1.5 | - | 56.6 | 47.3 | 9.3 |
| 01:00 AM - 01:05 AM | 54.5 | 49.6 | 4.9 | 1.5 | - | 56.0 | 47.7 | 8.3 |
| 01:05 AM - 01:10 AM | 54.7 | 49.5 | 5.2 | 1.5 | - | 56.2 | 47.7 | 8.5 |
| 01:10 AM - 01:15 AM | 54.6 | 49.5 | 5.1 | 1.5 | - | 56.1 | 47.5 | 8.6 |
| 01:15 AM - 01:20 AM | 54.7 | 47.8 | 6.9 | 1.0 | - | 56.7 | 45.2 | 11.5 |
| 01:20 AM - 01:25 AM | 55.3 | 48.4 | 6.9 | 1.0 | - | 57.3 | 46.0 | 11.3 |
| 01:25 AM - 01:30 AM | 55.4 | 47.7 | 7.7 | 0.5 | - | 57.9 | 44.8 | 13.1 |
| 01:30 AM - 01:35 AM | 55.8 | 48.1 | 7.7 | 0.5 | - | 58.3 | 45.4 | 12.9 |
| 01:35 AM - 01:40 AM | 56.2 | 49.6 | 6.6 | 1.0 | - | 58.2 | 47.6 | 10.6 |
| 01:40 AM - 01:45 AM | 56.8 | 49.4 | 7.4 | 1.0 | - | 58.8 | 47.5 | 11.3 |
| 01:45 AM - 01:50 AM | 56.5 | 50.4 | 6.1 | 1.5 | - | 58.0 | 48.6 | 9.4 |
| 01:50 AM - 01:55 AM | 56.3 | 50.4 | 5.9 | 1.5 | - | 57.8 | 48.5 | 9.3 |
| 01:55 AM - 02:00 AM | 56.3 | 50.5 | 5.8 | 1.5 | - | 57.8 | 48.6 | 9.2 |
| 02:00 AM - 02:05 AM | 56.3 | 50.0 | 6.3 | 1.5 | - | 57.8 | 47.4 | 10.4 |
| 02:05 AM - 02:10 AM | 56.3 | 50.3 | 6.0 | 1.5 | - | 57.8 | 47.9 | 9.9 |
| 02:10 AM - 02:15 AM | 55.9 | 50.4 | 5.5 | 1.5 | - | 57.4 | 48.3 | 9.1 |
| 02:15 AM - 02:20 AM | 55.2 | 51.3 | 3.9 | 2.0 | - | 56.2 | 47.7 | 8.5 |
| 02:20 AM - 02:25 AM | 56.1 | 55.1 | 1.0 | 7.0 | - | 52.1 | 48.4 | 3.7 |
| 02:25 AM - 02:30 AM | 55.0 | 52.5 | 2.5 | 3.0 | - | 55.0 | 46.4 | 8.6 |
| 02:30 AM - 02:35 AM | 68.1 | 51.6 | 16.5 | 0.0 | - | 71.1 | 46.7 | 24.4 |
| 02:35 AM - 02:40 AM | 49.0 | 50.1 | -1.1 | 7.0 | - | 45.0 | 46.3 | -1.3 |
| 02:40 AM - 02:45 AM | 48.6 | 50.8 | -2.2 | 7.0 | - | 44.6 | 46.8 | -2.2 |
| 02:45 AM - 02:50 AM | 51.9 | 61.6 | -9.7 | 7.0 | - | 47.9 | 45.2 | 2.7 |
| 02:50 AM - 02:55 AM | 52.7 | 47.1 | 5.6 | 1.5 | - | 54.2 | 44.0 | 10.2 |
| 02:55 AM - 03:00 AM | 51.6 | 46.5 | 5.1 | 1.5 | - | 53.1 | 43.6 | 9.5 |
| 03:00 AM - 03:05 AM | 52.7 | 47.1 | 5.6 | 1.5 | - | 54.2 | 43.7 | 10.5 |
| 03:05 AM - 03:10 AM | 53.1 | 47.7 | 5.4 | 1.5 | - | 54.6 | 43.4 | 11.2 |
| 03:10 AM - 03:15 AM | 54.9 | 48.0 | 6.9 | 1.0 | - | 56.9 | 41.5 | 15.4 |
| 03:15 AM - 03:20 AM | 54.3 | 46.7 | 7.6 | 0.5 | - | 56.8 | 41.6 | 15.2 |
| 03:20 AM - 03:25 AM | 53.8 | 47.1 | 6.7 | 1.0 | - | 55.8 | 42.7 | 13.1 |
| 03:25 AM - 03:30 AM | 52.5 | 46.9 | 5.6 | 1.5 | - | 54.0 | 42.6 | 11.4 |
| 03:30 AM - 03:35 AM | 50.1 | 46.7 | 3.4 | 3.0 | - | 50.1 | 42.2 | 7.9 |
| 03:35 AM - 03:40 AM | 48.0 | 46.8 | 1.2 | 7.0 | - | 44.0 | 42.1 | 1.9 |
| 03:40 AM - 03:45 AM | 48.6 | 44.5 | 4.1 | 2.0 | - | 49.6 | 40.6 | 9.0 |
| 03:45 AM - 03:50 AM | 50.6 | 52.4 | -1.8 | 7.0 | - | 46.6 | 40.9 | 5.7 |
| 03:50 AM - 03:55 AM | 49.5 | 44.0 | 5.5 | 1.5 | - | 51.0 | 40.5 | 10.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854819-1



**Sample No.** 23128872-33
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 03:55 AM - 04:00 AM | 48.1 | 45.5 | 2.6 | 3.0 | - | 48.1 | 41.8 | 6.3 |
| 04:00 AM - 04:05 AM | 47.4 | 46.5 | 0.9 | 7.0 | - | 43.4 | 41.7 | 1.7 |
| 04:05 AM - 04:10 AM | 46.3 | 44.2 | 2.1 | 4.5 | - | 44.8 | 39.9 | 4.9 |
| 04:10 AM - 04:15 AM | 47.9 | 41.9 | 6.0 | 1.5 | - | 49.4 | 40.5 | 8.9 |
| 04:15 AM - 04:20 AM | 50.8 | 42.4 | 8.4 | 0.5 | - | 53.3 | 40.9 | 12.4 |
| 04:20 AM - 04:25 AM | 49.6 | 43.7 | 5.9 | 1.5 | - | 51.1 | 41.0 | 10.1 |
| 04:25 AM - 04:30 AM | 50.4 | 43.3 | 7.1 | 1.0 | - | 52.4 | 41.1 | 11.3 |
| 04:30 AM - 04:35 AM | 51.1 | 48.2 | 2.9 | 3.0 | - | 51.1 | 41.7 | 9.4 |
| 04:35 AM - 04:40 AM | 57.2 | 43.7 | 13.5 | 0.0 | - | 60.2 | 41.5 | 18.7 |
| 04:40 AM - 04:45 AM | 50.1 | 43.6 | 6.5 | 1.0 | - | 52.1 | 41.7 | 10.4 |
| 04:45 AM - 04:50 AM | 50.9 | 53.9 | -3.0 | 7.0 | - | 46.9 | 42.8 | 4.1 |
| 04:50 AM - 04:55 AM | 51.1 | 47.0 | 4.1 | 2.0 | - | 52.1 | 43.2 | 8.9 |
| 04:55 AM - 05:00 AM | 51.2 | 45.8 | 5.4 | 1.5 | - | 52.7 | 42.4 | 10.3 |
| 05:00 AM - 05:05 AM | 61.5 | 45.5 | 16.0 | 0.0 | - | 64.5 | 42.5 | 22.0 |
| 05:05 AM - 05:10 AM | 52.2 | 49.3 | 2.9 | 3.0 | - | 52.2 | 43.3 | 8.9 |
| 05:10 AM - 05:15 AM | 52.9 | 62.5 | -9.6 | 7.0 | - | 48.9 | 44.7 | 4.2 |
| 05:15 AM - 05:20 AM | 53.7 | 59.3 | -5.6 | 7.0 | - | 49.7 | 43.7 | 6.0 |
| 05:20 AM - 05:25 AM | 53.1 | 44.8 | 8.3 | 0.5 | - | 55.6 | 41.6 | 14.0 |
| 05:25 AM - 05:30 AM | 54.4 | 51.6 | 2.8 | 3.0 | - | 54.4 | 42.8 | 11.6 |
| 05:30 AM - 05:35 AM | 57.2 | 47.5 | 9.7 | 0.5 | - | 59.7 | 43.2 | 16.5 |
| 05:35 AM - 05:40 AM | 51.6 | 47.6 | 4.0 | 2.0 | - | 52.6 | 43.6 | 9.0 |
| 05:40 AM - 05:45 AM | 52.6 | 58.2 | -5.6 | 7.0 | - | 48.6 | 44.2 | 4.4 |
| 05:45 AM - 05:50 AM | 51.6 | 48.3 | 3.3 | 3.0 | - | 51.6 | 44.0 | 7.6 |
| 05:50 AM - 05:55 AM | 49.6 | 51.6 | -2.0 | 7.0 | - | 45.6 | 44.9 | 0.7 |
| 05:55 AM - 06:00 AM | 53.0 | 49.7 | 3.3 | 3.0 | - | 53.0 | 43.5 | 9.5 |
| 06:00 AM - 07:00 AM | 52.6 | 49.2 | 3.4 | 3.0 | 49.6 | - | 43.6 | 6.0 |
| 07:00 AM - 08:00 AM | 56.2 | 55.6 | 0.6 | 7.0 | 49.2 | - | 47.3 | 1.9 |
| 08:00 AM - 09:00 AM | 47.9 | 51.5 | -3.6 | 7.0 | 40.9 | - | 42.3 | -1.4 |
| 09:00 AM - 10:00 AM | 45.8 | 46.1 | -0.3 | 7.0 | 38.8 | - | 39.3 | -0.5 |
| 10:00 AM - 11:00 AM | 46.9 | 45.9 | 1.0 | 7.0 | 39.9 | - | 40.5 | -0.6 |
| 11:00 AM - 12:00 PM | 50.7 | 49.3 | 1.4 | 7.0 | 43.7 | - | 40.3 | 3.4 |
| 12:00 PM - 01:00 PM | 62.0 | 59.5 | 2.5 | 3.0 | 59.0 | - | 48.4 | 10.6 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 27-28 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-33 วันที่ตรวจวัด 27-28 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854820-1



**Sample No.** 23128872-34
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 01:00 PM - 02:00 PM | 45.4 | 52.3 | -6.9 | 7.0 | 38.4 | - | 42.1 | -3.7 |
| 02:00 PM - 03:00 PM | 59.0 | 52.5 | 6.5 | 1.0 | 58.0 | - | 43.2 | 14.8 |
| 03:00 PM - 04:00 PM | 58.8 | 58.3 | 0.5 | 7.0 | 51.8 | - | 46.2 | 5.6 |
| 04:00 PM - 05:00 PM | 56.9 | 55.7 | 1.2 | 7.0 | 49.9 | - | 45.1 | 4.8 |
| 05:00 PM - 06:00 PM | 49.7 | 47.4 | 2.3 | 4.5 | 45.2 | - | 41.2 | 4.0 |
| 06:00 PM - 07:00 PM | 55.1 | 48.0 | 7.1 | 1.0 | 54.1 | - | 42.2 | 11.9 |
| 07:00 PM - 08:00 PM | 63.0 | 49.3 | 13.7 | 0.0 | 63.0 | - | 47.0 | 16.0 |
| 08:00 PM - 09:00 PM | 57.0 | 50.3 | 6.7 | 1.0 | 56.0 | - | 46.5 | 9.5 |
| 09:00 PM - 10:00 PM | 56.7 | 46.8 | 9.9 | 0.5 | 56.2 | - | 45.0 | 11.2 |
| 10:00 PM - 10:05 PM | 55.1 | 45.8 | 9.3 | 0.5 | - | 57.6 | 44.3 | 13.3 |
| 10:05 PM - 10:10 PM | 56.3 | 45.9 | 10.4 | 0.5 | - | 58.8 | 44.3 | 14.5 |
| 10:10 PM - 10:15 PM | 52.6 | 45.2 | 7.4 | 1.0 | - | 54.6 | 43.5 | 11.1 |
| 10:15 PM - 10:20 PM | 53.4 | 45.5 | 7.9 | 0.5 | - | 55.9 | 43.8 | 12.1 |
| 10:20 PM - 10:25 PM | 57.3 | 46.3 | 11.0 | 0.5 | - | 59.8 | 44.4 | 15.4 |
| 10:25 PM - 10:30 PM | 62.0 | 47.3 | 14.7 | 0.0 | - | 65.0 | 44.8 | 20.2 |
| 10:30 PM - 10:35 PM | 50.9 | 46.8 | 4.1 | 2.0 | - | 51.9 | 44.5 | 7.4 |
| 10:35 PM - 10:40 PM | 50.0 | 63.3 | -13.3 | 7.0 | - | 46.0 | 44.0 | 2.0 |
| 10:40 PM - 10:45 PM | 54.7 | 52.8 | 1.9 | 4.5 | - | 53.2 | 44.5 | 8.7 |
| 10:45 PM - 10:50 PM | 50.6 | 45.7 | 4.9 | 1.5 | - | 52.1 | 43.7 | 8.4 |
| 10:50 PM - 10:55 PM | 51.9 | 48.6 | 3.3 | 3.0 | - | 51.9 | 43.1 | 8.8 |
| 10:55 PM - 11:00 PM | 49.7 | 45.4 | 4.3 | 2.0 | - | 50.7 | 44.0 | 6.7 |
| 11:00 PM - 11:05 PM | 52.1 | 44.5 | 7.6 | 0.5 | - | 54.6 | 43.7 | 10.9 |
| 11:05 PM - 11:10 PM | 51.7 | 45.7 | 6.0 | 1.5 | - | 53.2 | 43.8 | 9.4 |
| 11:10 PM - 11:15 PM | 51.9 | 45.4 | 6.5 | 1.0 | - | 53.9 | 43.9 | 10.0 |
| 11:15 PM - 11:20 PM | 51.1 | 47.9 | 3.2 | 3.0 | - | 51.1 | 45.0 | 6.1 |
| 11:20 PM - 11:25 PM | 50.5 | 46.7 | 3.8 | 2.0 | - | 51.5 | 45.3 | 6.2 |
| 11:25 PM - 11:30 PM | 50.5 | 46.0 | 4.5 | 1.5 | - | 52.0 | 45.2 | 6.8 |
| 11:30 PM - 11:35 PM | 50.4 | 47.5 | 2.9 | 3.0 | - | 50.4 | 44.5 | 5.9 |
| 11:35 PM - 11:40 PM | 51.4 | 45.5 | 5.9 | 1.5 | - | 52.9 | 44.6 | 8.3 |
| 11:40 PM - 11:45 PM | 51.7 | 47.2 | 4.5 | 1.5 | - | 53.2 | 45.6 | 7.6 |
| 11:45 PM - 11:50 PM | 52.7 | 46.8 | 5.9 | 1.5 | - | 54.2 | 45.8 | 8.4 |
| 11:50 PM - 11:55 PM | 52.2 | 47.1 | 5.1 | 1.5 | - | 53.7 | 46.0 | 7.7 |
| 11:55 PM - 12:00 AM | 52.2 | 46.6 | 5.6 | 1.5 | - | 53.7 | 45.6 | 8.1 |
| 12:00 AM - 12:05 AM | 50.1 | 45.7 | 4.4 | 2.0 | - | 51.1 | 43.7 | 7.4 |
| 12:05 AM - 12:10 AM | 50.4 | 45.7 | 4.7 | 1.5 | - | 51.9 | 44.1 | 7.8 |
| 12:10 AM - 12:15 AM | 47.3 | 47.2 | 0.1 | 7.0 | - | 43.3 | 44.7 | -1.4 |
| 12:15 AM - 12:20 AM | 45.8 | 44.8 | 1.0 | 7.0 | - | 41.8 | 43.9 | -2.1 |
| 12:20 AM - 12:25 AM | 46.5 | 44.9 | 1.6 | 4.5 | - | 45.0 | 43.9 | 1.1 |
| 12:25 AM - 12:30 AM | 45.4 | 43.2 | 2.2 | 4.5 | - | 43.9 | 40.7 | 3.2 |
| 12:30 AM - 12:35 AM | 46.3 | 43.2 | 3.1 | 3.0 | - | 46.3 | 40.6 | 5.7 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854820-1



**Sample No.** 23128872-34
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:35 AM - 12:40 AM | 45.7 | 42.7 | 3.0 | 3.0 | - | 45.7 | 41.3 | 4.4 |
| 12:40 AM - 12:45 AM | 47.7 | 43.0 | 4.7 | 1.5 | - | 49.2 | 41.6 | 7.6 |
| 12:45 AM - 12:50 AM | 46.3 | 42.7 | 3.6 | 2.0 | - | 47.3 | 41.8 | 5.5 |
| 12:50 AM - 12:55 AM | 45.8 | 42.7 | 3.1 | 3.0 | - | 45.8 | 41.3 | 4.5 |
| 12:55 AM - 01:00 AM | 45.7 | 46.0 | -0.3 | 7.0 | - | 41.7 | 41.9 | -0.2 |
| 01:00 AM - 01:05 AM | 44.9 | 42.4 | 2.5 | 3.0 | - | 44.9 | 41.0 | 3.9 |
| 01:05 AM - 01:10 AM | 46.9 | 42.5 | 4.4 | 2.0 | - | 47.9 | 41.0 | 6.9 |
| 01:10 AM - 01:15 AM | 46.8 | 42.3 | 4.5 | 1.5 | - | 48.3 | 40.6 | 7.7 |
| 01:15 AM - 01:20 AM | 47.0 | 41.2 | 5.8 | 1.5 | - | 48.5 | 40.1 | 8.4 |
| 01:20 AM - 01:25 AM | 47.0 | 42.4 | 4.6 | 1.5 | - | 48.5 | 40.6 | 7.9 |
| 01:25 AM - 01:30 AM | 46.0 | 43.3 | 2.7 | 3.0 | - | 46.0 | 41.8 | 4.2 |
| 01:30 AM - 01:35 AM | 45.9 | 42.9 | 3.0 | 3.0 | - | 45.9 | 41.7 | 4.2 |
| 01:35 AM - 01:40 AM | 45.6 | 42.9 | 2.7 | 3.0 | - | 45.6 | 41.9 | 3.7 |
| 01:40 AM - 01:45 AM | 45.2 | 43.1 | 2.1 | 4.5 | - | 43.7 | 42.2 | 1.5 |
| 01:45 AM - 01:50 AM | 46.3 | 43.3 | 3.0 | 3.0 | - | 46.3 | 42.4 | 3.9 |
| 01:50 AM - 01:55 AM | 47.1 | 43.0 | 4.1 | 2.0 | - | 48.1 | 41.9 | 6.2 |
| 01:55 AM - 02:00 AM | 46.0 | 43.6 | 2.4 | 4.5 | - | 44.5 | 43.0 | 1.5 |
| 02:00 AM - 02:05 AM | 45.6 | 44.0 | 1.6 | 4.5 | - | 44.1 | 42.4 | 1.7 |
| 02:05 AM - 02:10 AM | 45.0 | 43.2 | 1.8 | 4.5 | - | 43.5 | 40.8 | 2.7 |
| 02:10 AM - 02:15 AM | 46.3 | 42.2 | 4.1 | 2.0 | - | 47.3 | 41.1 | 6.2 |
| 02:15 AM - 02:20 AM | 47.2 | 41.7 | 5.5 | 1.5 | - | 48.7 | 40.3 | 8.4 |
| 02:20 AM - 02:25 AM | 44.9 | 41.7 | 3.2 | 3.0 | - | 44.9 | 40.4 | 4.5 |
| 02:25 AM - 02:30 AM | 44.9 | 44.0 | 0.9 | 7.0 | - | 40.9 | 40.1 | 0.8 |
| 02:30 AM - 02:35 AM | 44.4 | 42.1 | 2.3 | 4.5 | - | 42.9 | 40.5 | 2.4 |
| 02:35 AM - 02:40 AM | 47.5 | 41.5 | 6.0 | 1.5 | - | 49.0 | 40.6 | 8.4 |
| 02:40 AM - 02:45 AM | 47.7 | 40.9 | 6.8 | 1.0 | - | 49.7 | 40.2 | 9.5 |
| 02:45 AM - 02:50 AM | 45.9 | 40.9 | 5.0 | 1.5 | - | 47.4 | 39.7 | 7.7 |
| 02:50 AM - 02:55 AM | 47.0 | 45.9 | 1.1 | 7.0 | - | 43.0 | 41.0 | 2.0 |
| 02:55 AM - 03:00 AM | 45.7 | 42.6 | 3.1 | 3.0 | - | 45.7 | 39.9 | 5.8 |
| 03:00 AM - 03:05 AM | 45.5 | 40.6 | 4.9 | 1.5 | - | 47.0 | 39.6 | 7.4 |
| 03:05 AM - 03:10 AM | 47.4 | 42.7 | 4.7 | 1.5 | - | 48.9 | 39.9 | 9.0 |
| 03:10 AM - 03:15 AM | 46.1 | 40.7 | 5.4 | 1.5 | - | 47.6 | 39.2 | 8.4 |
| 03:15 AM - 03:20 AM | 46.6 | 41.6 | 5.0 | 1.5 | - | 48.1 | 39.5 | 8.6 |
| 03:20 AM - 03:25 AM | 46.5 | 40.7 | 5.8 | 1.5 | - | 48.0 | 39.4 | 8.6 |
| 03:25 AM - 03:30 AM | 45.2 | 41.4 | 3.8 | 2.0 | - | 46.2 | 39.4 | 6.8 |
| 03:30 AM - 03:35 AM | 47.1 | 41.3 | 5.8 | 1.5 | - | 48.6 | 39.3 | 9.3 |
| 03:35 AM - 03:40 AM | 47.4 | 40.4 | 7.0 | 1.0 | - | 49.4 | 39.0 | 10.4 |
| 03:40 AM - 03:45 AM | 45.0 | 40.5 | 4.5 | 1.5 | - | 46.5 | 39.5 | 7.0 |
| 03:45 AM - 03:50 AM | 44.9 | 40.5 | 4.4 | 2.0 | - | 45.9 | 39.4 | 6.5 |
| 03:50 AM - 03:55 AM | 44.0 | 40.5 | 3.5 | 2.0 | - | 45.0 | 39.6 | 5.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854820-1



**Sample No.** 23128872-34
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 03:55 AM - 04:00 AM | 47.5 | 40.5 | 7.0 | 1.0 | - | 49.5 | 39.8 | 9.7 |
| 04:00 AM - 04:05 AM | 45.6 | 40.7 | 4.9 | 1.5 | - | 47.1 | 39.9 | 7.2 |
| 04:05 AM - 04:10 AM | 44.8 | 41.8 | 3.0 | 3.0 | - | 44.8 | 39.8 | 5.0 |
| 04:10 AM - 04:15 AM | 46.8 | 41.6 | 5.2 | 1.5 | - | 48.3 | 39.3 | 9.0 |
| 04:15 AM - 04:20 AM | 44.6 | 40.0 | 4.6 | 1.5 | - | 46.1 | 38.9 | 7.2 |
| 04:20 AM - 04:25 AM | 45.5 | 41.0 | 4.5 | 1.5 | - | 47.0 | 39.3 | 7.7 |
| 04:25 AM - 04:30 AM | 45.5 | 42.2 | 3.3 | 3.0 | - | 45.5 | 39.1 | 6.4 |
| 04:30 AM - 04:35 AM | 47.8 | 42.2 | 5.6 | 1.5 | - | 49.3 | 38.9 | 10.4 |
| 04:35 AM - 04:40 AM | 45.9 | 39.9 | 6.0 | 1.5 | - | 47.4 | 39.1 | 8.3 |
| 04:40 AM - 04:45 AM | 45.5 | 43.0 | 2.5 | 3.0 | - | 45.5 | 39.3 | 6.2 |
| 04:45 AM - 04:50 AM | 46.0 | 42.0 | 4.0 | 2.0 | - | 47.0 | 38.6 | 8.4 |
| 04:50 AM - 04:55 AM | 45.4 | 40.9 | 4.5 | 1.5 | - | 46.9 | 39.0 | 7.9 |
| 04:55 AM - 05:00 AM | 45.5 | 42.0 | 3.5 | 2.0 | - | 46.5 | 39.7 | 6.8 |
| 05:00 AM - 05:05 AM | 47.6 | 42.0 | 5.6 | 1.5 | - | 49.1 | 39.6 | 9.5 |
| 05:05 AM - 05:10 AM | 45.7 | 42.6 | 3.1 | 3.0 | - | 45.7 | 39.6 | 6.1 |
| 05:10 AM - 05:15 AM | 43.9 | 42.0 | 1.9 | 4.5 | - | 42.4 | 39.5 | 2.9 |
| 05:15 AM - 05:20 AM | 43.3 | 44.5 | -1.2 | 7.0 | - | 39.3 | 39.3 | 0.0 |
| 05:20 AM - 05:25 AM | 46.0 | 40.7 | 5.3 | 1.5 | - | 47.5 | 39.1 | 8.4 |
| 05:25 AM - 05:30 AM | 46.4 | 40.1 | 6.3 | 1.5 | - | 47.9 | 39.1 | 8.8 |
| 05:30 AM - 05:35 AM | 45.5 | 41.3 | 4.2 | 2.0 | - | 46.5 | 39.2 | 7.3 |
| 05:35 AM - 05:40 AM | 48.7 | 42.1 | 6.6 | 1.0 | - | 50.7 | 39.7 | 11.0 |
| 05:40 AM - 05:45 AM | 50.0 | 41.5 | 8.5 | 0.5 | - | 52.5 | 39.6 | 12.9 |
| 05:45 AM - 05:50 AM | 49.4 | 44.0 | 5.4 | 1.5 | - | 50.9 | 40.6 | 10.3 |
| 05:50 AM - 05:55 AM | 46.0 | 45.6 | 0.4 | 7.0 | - | 42.0 | 42.5 | -0.5 |
| 05:55 AM - 06:00 AM | 46.5 | 52.5 | -6.0 | 7.0 | - | 42.5 | 43.4 | -0.9 |
| 06:00 AM - 07:00 AM | 50.6 | 46.7 | 3.9 | 2.0 | 48.6 | - | 41.2 | 7.4 |
| 07:00 AM - 08:00 AM | 56.6 | 56.9 | -0.3 | 7.0 | 49.6 | - | 47.2 | 2.4 |
| 08:00 AM - 09:00 AM | 47.9 | 53.1 | -5.2 | 7.0 | 40.9 | - | 42.6 | -1.7 |
| 09:00 AM - 10:00 AM | 49.5 | 47.2 | 2.3 | 4.5 | 45.0 | - | 39.3 | 5.7 |
| 10:00 AM - 11:00 AM | 52.4 | 46.4 | 6.0 | 1.5 | 50.9 | - | 40.1 | 10.8 |
| 11:00 AM - 12:00 PM | 48.9 | 46.2 | 2.7 | 3.0 | 45.9 | - | 40.1 | 5.8 |
| 12:00 PM - 01:00 PM | 49.2 | 48.8 | 0.4 | 7.0 | 42.2 | - | 40.8 | 1.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-34 วันที่ตรวจวัด 28-29 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854821-1



**Sample No.** 23128872-35
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 01:00 PM - 02:00 PM | 49.0 | 47.8 | 1.2 | 7.0 | 42.0 | - | 41.0 | 1.0 |
| 02:00 PM - 03:00 PM | 48.9 | 49.7 | -0.8 | 7.0 | 41.9 | - | 42.3 | -0.4 |
| 03:00 PM - 04:00 PM | 48.1 | 47.3 | 0.8 | 7.0 | 41.1 | - | 41.5 | -0.4 |
| 04:00 PM - 05:00 PM | 47.5 | 48.0 | -0.5 | 7.0 | 40.5 | - | 40.2 | 0.3 |
| 05:00 PM - 06:00 PM | 49.2 | 48.4 | 0.8 | 7.0 | 42.2 | - | 41.7 | 0.5 |
| 06:00 PM - 07:00 PM | 55.6 | 51.1 | 4.5 | 1.5 | 54.1 | - | 46.4 | 7.7 |
| 07:00 PM - 08:00 PM | 59.2 | 51.7 | 7.5 | 0.5 | 58.7 | - | 49.3 | 9.4 |
| 08:00 PM - 09:00 PM | 60.4 | 53.7 | 6.7 | 1.0 | 59.4 | - | 50.7 | 8.7 |
| 09:00 PM - 10:00 PM | 61.3 | 57.0 | 4.3 | 2.0 | 59.3 | - | 51.3 | 8.0 |
| 10:00 PM - 10:05 PM | 59.7 | 52.0 | 7.7 | 0.5 | - | 62.2 | 50.5 | 11.7 |
| 10:05 PM - 10:10 PM | 59.3 | 51.8 | 7.5 | 0.5 | - | 61.8 | 50.3 | 11.5 |
| 10:10 PM - 10:15 PM | 59.2 | 51.2 | 8.0 | 0.5 | - | 61.7 | 49.6 | 12.1 |
| 10:15 PM - 10:20 PM | 59.5 | 49.9 | 9.6 | 0.5 | - | 62.0 | 48.3 | 13.7 |
| 10:20 PM - 10:25 PM | 57.7 | 49.8 | 7.9 | 0.5 | - | 60.2 | 48.4 | 11.8 |
| 10:25 PM - 10:30 PM | 57.8 | 67.6 | -9.8 | 7.0 | - | 53.8 | 48.9 | 4.9 |
| 10:30 PM - 10:35 PM | 58.4 | 50.4 | 8.0 | 0.5 | - | 60.9 | 48.8 | 12.1 |
| 10:35 PM - 10:40 PM | 69.0 | 52.2 | 16.8 | 0.0 | - | 72.0 | 49.6 | 22.4 |
| 10:40 PM - 10:45 PM | 58.3 | 51.0 | 7.3 | 1.0 | - | 60.3 | 49.1 | 11.2 |
| 10:45 PM - 10:50 PM | 55.1 | 52.9 | 2.2 | 4.5 | - | 53.6 | 50.2 | 3.4 |
| 10:50 PM - 10:55 PM | 53.5 | 51.9 | 1.6 | 4.5 | - | 52.0 | 50.4 | 1.6 |
| 10:55 PM - 11:00 PM | 55.3 | 52.6 | 2.7 | 3.0 | - | 55.3 | 51.5 | 3.8 |
| 11:00 PM - 11:05 PM | 58.3 | 52.6 | 5.7 | 1.5 | - | 59.8 | 51.4 | 8.4 |
| 11:05 PM - 11:10 PM | 58.4 | 51.4 | 7.0 | 1.0 | - | 60.4 | 49.1 | 11.3 |
| 11:10 PM - 11:15 PM | 57.9 | 51.2 | 6.7 | 1.0 | - | 59.9 | 49.4 | 10.5 |
| 11:15 PM - 11:20 PM | 57.8 | 49.7 | 8.1 | 0.5 | - | 60.3 | 46.7 | 13.6 |
| 11:20 PM - 11:25 PM | 57.4 | 52.8 | 4.6 | 1.5 | - | 58.9 | 49.8 | 9.1 |
| 11:25 PM - 11:30 PM | 57.5 | 52.1 | 5.4 | 1.5 | - | 59.0 | 50.2 | 8.8 |
| 11:30 PM - 11:35 PM | 58.1 | 51.9 | 6.2 | 1.5 | - | 59.6 | 50.1 | 9.5 |
| 11:35 PM - 11:40 PM | 57.4 | 52.2 | 5.2 | 1.5 | - | 58.9 | 50.3 | 8.6 |
| 11:40 PM - 11:45 PM | 57.3 | 53.4 | 3.9 | 2.0 | - | 58.3 | 50.6 | 7.7 |
| 11:45 PM - 11:50 PM | 57.4 | 53.1 | 4.3 | 2.0 | - | 58.4 | 50.7 | 7.7 |
| 11:50 PM - 11:55 PM | 57.5 | 52.6 | 4.9 | 1.5 | - | 59.0 | 50.5 | 8.5 |
| 11:55 PM - 12:00 AM | 57.3 | 50.3 | 7.0 | 1.0 | - | 59.3 | 47.1 | 12.2 |
| 12:00 AM - 12:05 AM | 54.6 | 51.3 | 3.3 | 3.0 | - | 54.6 | 48.9 | 5.7 |
| 12:05 AM - 12:10 AM | 53.1 | 50.6 | 2.5 | 3.0 | - | 53.1 | 47.5 | 5.6 |
| 12:10 AM - 12:15 AM | 52.9 | 50.3 | 2.6 | 3.0 | - | 52.9 | 47.3 | 5.6 |
| 12:15 AM - 12:20 AM | 53.8 | 50.4 | 3.4 | 3.0 | - | 53.8 | 47.5 | 6.3 |
| 12:20 AM - 12:25 AM | 55.5 | 49.6 | 5.9 | 1.5 | - | 57.0 | 47.4 | 9.6 |
| 12:25 AM - 12:30 AM | 54.0 | 50.5 | 3.5 | 2.0 | - | 55.0 | 47.7 | 7.3 |
| 12:30 AM - 12:35 AM | 55.4 | 51.1 | 4.3 | 2.0 | - | 56.4 | 48.4 | 8.0 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854821-1



**Sample No.** 23128872-35
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| 12:35 AM - 12:40 AM | 56.1 | 50.9 | 5.2 | 1.5 | - | 57.6 | 48.3 | 9.3 |
| 12:40 AM - 12:45 AM | 57.4 | 49.0 | 8.4 | 0.5 | - | 59.9 | 47.3 | 12.6 |
| 12:45 AM - 12:50 AM | 57.5 | 48.1 | 9.4 | 0.5 | - | 60.0 | 46.9 | 13.1 |
| 12:50 AM - 12:55 AM | 57.1 | 49.1 | 8.0 | 0.5 | - | 59.6 | 47.3 | 12.3 |
| 12:55 AM - 01:00 AM | 56.5 | 49.9 | 6.6 | 1.0 | - | 58.5 | 48.1 | 10.4 |
| 01:00 AM - 01:05 AM | 56.8 | 49.7 | 7.1 | 1.0 | - | 58.8 | 47.1 | 11.7 |
| 01:05 AM - 01:10 AM | 56.1 | 49.1 | 7.0 | 1.0 | - | 58.1 | 46.8 | 11.3 |
| 01:10 AM - 01:15 AM | 54.6 | 49.1 | 5.5 | 1.5 | - | 56.1 | 47.1 | 9.0 |
| 01:15 AM - 01:20 AM | 55.6 | 49.3 | 6.3 | 1.5 | - | 57.1 | 46.9 | 10.2 |
| 01:20 AM - 01:25 AM | 51.0 | 49.1 | 1.9 | 4.5 | - | 49.5 | 46.7 | 2.8 |
| 01:25 AM - 01:30 AM | 49.1 | 49.8 | -0.7 | 7.0 | - | 45.1 | 47.6 | -2.5 |
| 01:30 AM - 01:35 AM | 49.6 | 49.4 | 0.2 | 7.0 | - | 45.6 | 47.3 | -1.7 |
| 01:35 AM - 01:40 AM | 50.0 | 47.7 | 2.3 | 4.5 | - | 48.5 | 45.8 | 2.7 |
| 01:40 AM - 01:45 AM | 50.6 | 48.8 | 1.8 | 4.5 | - | 49.1 | 47.0 | 2.1 |
| 01:45 AM - 01:50 AM | 52.3 | 48.8 | 3.5 | 2.0 | - | 53.3 | 47.4 | 5.9 |
| 01:50 AM - 01:55 AM | 54.0 | 49.5 | 4.5 | 1.5 | - | 55.5 | 48.2 | 7.3 |
| 01:55 AM - 02:00 AM | 54.3 | 50.7 | 3.6 | 2.0 | - | 55.3 | 48.1 | 7.2 |
| 02:00 AM - 02:05 AM | 53.9 | 50.4 | 3.5 | 2.0 | - | 54.9 | 48.0 | 6.9 |
| 02:05 AM - 02:10 AM | 54.6 | 49.3 | 5.3 | 1.5 | - | 56.1 | 47.7 | 8.4 |
| 02:10 AM - 02:15 AM | 53.8 | 49.8 | 4.0 | 2.0 | - | 54.8 | 48.0 | 6.8 |
| 02:15 AM - 02:20 AM | 53.4 | 49.6 | 3.8 | 2.0 | - | 54.4 | 47.8 | 6.6 |
| 02:20 AM - 02:25 AM | 53.5 | 48.7 | 4.8 | 1.5 | - | 55.0 | 46.9 | 8.1 |
| 02:25 AM - 02:30 AM | 52.2 | 48.8 | 3.4 | 3.0 | - | 52.2 | 47.4 | 4.8 |
| 02:30 AM - 02:35 AM | 52.4 | 48.8 | 3.6 | 2.0 | - | 53.4 | 47.5 | 5.9 |
| 02:35 AM - 02:40 AM | 52.2 | 49.1 | 3.1 | 3.0 | - | 52.2 | 47.3 | 4.9 |
| 02:40 AM - 02:45 AM | 52.9 | 49.0 | 3.9 | 2.0 | - | 53.9 | 47.1 | 6.8 |
| 02:45 AM - 02:50 AM | 50.7 | 48.7 | 2.0 | 4.5 | - | 49.2 | 46.9 | 2.3 |
| 02:50 AM - 02:55 AM | 52.5 | 49.2 | 3.3 | 3.0 | - | 52.5 | 47.6 | 4.9 |
| 02:55 AM - 03:00 AM | 53.3 | 48.6 | 4.7 | 1.5 | - | 54.8 | 46.9 | 7.9 |
| 03:00 AM - 03:05 AM | 51.8 | 47.3 | 4.5 | 1.5 | - | 53.3 | 45.7 | 7.6 |
| 03:05 AM - 03:10 AM | 51.8 | 47.8 | 4.0 | 2.0 | - | 52.8 | 46.3 | 6.5 |
| 03:10 AM - 03:15 AM | 52.2 | 48.0 | 4.2 | 2.0 | - | 53.2 | 46.4 | 6.8 |
| 03:15 AM - 03:20 AM | 52.1 | 49.1 | 3.0 | 3.0 | - | 52.1 | 46.8 | 5.3 |
| 03:20 AM - 03:25 AM | 55.0 | 49.2 | 5.8 | 1.5 | - | 56.5 | 47.0 | 9.5 |
| 03:25 AM - 03:30 AM | 53.4 | 49.3 | 4.1 | 2.0 | - | 54.4 | 47.2 | 7.2 |
| 03:30 AM - 03:35 AM | 53.2 | 49.7 | 3.5 | 2.0 | - | 54.2 | 47.6 | 6.6 |
| 03:35 AM - 03:40 AM | 54.8 | 48.6 | 6.2 | 1.5 | - | 56.3 | 45.9 | 10.4 |
| 03:40 AM - 03:45 AM | 56.0 | 47.5 | 8.5 | 0.5 | - | 58.5 | 45.9 | 12.6 |
| 03:45 AM - 03:50 AM | 57.7 | 46.7 | 11.0 | 0.5 | - | 60.2 | 45.2 | 15.0 |
| 03:50 AM - 03:55 AM | 54.7 | 45.7 | 9.0 | 0.5 | - | 57.2 | 44.0 | 13.2 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128872**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report Number : 2854821-1



**Sample No.** 23128872-35
**Parameter** เสียงรบกวน
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754864, 1424526
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120937

| ระดับเสียง (dB(A)) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:55 AM - 04:00 AM | 53.2 | 45.7 | 7.5 | 0.5 | - | 55.7 | 44.0 | 11.7 |
| 04:00 AM - 04:05 AM | 53.8 | 49.0 | 4.8 | 1.5 | - | 55.3 | 43.8 | 11.5 |
| 04:05 AM - 04:10 AM | 52.4 | 45.4 | 7.0 | 1.0 | - | 54.4 | 43.7 | 10.7 |
| 04:10 AM - 04:15 AM | 51.9 | 45.3 | 6.6 | 1.0 | - | 53.9 | 43.0 | 10.9 |
| 04:15 AM - 04:20 AM | 54.7 | 49.8 | 4.9 | 1.5 | - | 56.2 | 43.1 | 13.1 |
| 04:20 AM - 04:25 AM | 55.1 | 65.4 | -10.3 | 7.0 | - | 51.1 | 55.8 | -4.7 |
| 04:25 AM - 04:30 AM | 57.0 | 49.9 | 7.1 | 1.0 | - | 59.0 | 42.7 | 16.3 |
| 04:30 AM - 04:35 AM | 55.8 | 47.0 | 8.8 | 0.5 | - | 58.3 | 42.5 | 15.8 |
| 04:35 AM - 04:40 AM | 53.5 | 44.6 | 8.9 | 0.5 | - | 56.0 | 42.5 | 13.5 |
| 04:40 AM - 04:45 AM | 52.8 | 47.0 | 5.8 | 1.5 | - | 54.3 | 42.1 | 12.2 |
| 04:45 AM - 04:50 AM | 53.8 | 46.2 | 7.6 | 0.5 | - | 56.3 | 42.5 | 13.8 |
| 04:50 AM - 04:55 AM | 53.7 | 46.1 | 7.6 | 0.5 | - | 56.2 | 42.9 | 13.3 |
| 04:55 AM - 05:00 AM | 54.8 | 46.5 | 8.3 | 0.5 | - | 57.3 | 43.5 | 13.8 |
| 05:00 AM - 05:05 AM | 53.8 | 49.4 | 4.4 | 2.0 | - | 54.8 | 43.7 | 11.1 |
| 05:05 AM - 05:10 AM | 53.6 | 48.0 | 5.6 | 1.5 | - | 55.1 | 44.3 | 10.8 |
| 05:10 AM - 05:15 AM | 54.8 | 49.0 | 5.8 | 1.5 | - | 56.3 | 43.5 | 12.8 |
| 05:15 AM - 05:20 AM | 52.1 | 49.6 | 2.5 | 3.0 | - | 52.1 | 43.2 | 8.9 |
| 05:20 AM - 05:25 AM | 49.5 | 50.7 | -1.2 | 7.0 | - | 45.5 | 43.9 | 1.6 |
| 05:25 AM - 05:30 AM | 49.0 | 50.9 | -1.9 | 7.0 | - | 45.0 | 44.9 | 0.1 |
| 05:30 AM - 05:35 AM | 50.8 | 50.6 | 0.2 | 7.0 | - | 46.8 | 46.2 | 0.6 |
| 05:35 AM - 05:40 AM | 51.7 | 49.6 | 2.1 | 4.5 | - | 50.2 | 46.9 | 3.3 |
| 05:40 AM - 05:45 AM | 50.8 | 61.1 | -10.3 | 7.0 | - | 46.8 | 45.6 | 1.2 |
| 05:45 AM - 05:50 AM | 50.1 | 51.3 | -1.2 | 7.0 | - | 46.1 | 45.1 | 1.0 |
| 05:50 AM - 05:55 AM | 51.1 | 51.2 | -0.1 | 7.0 | - | 47.1 | 45.2 | 1.9 |
| 05:55 AM - 06:00 AM | 53.7 | 50.1 | 3.6 | 2.0 | - | 54.7 | 44.9 | 9.8 |
| 06:00 AM - 07:00 AM | 51.4 | 50.0 | 1.4 | 7.0 | 44.4 | - | 42.0 | 2.4 |
| 07:00 AM - 08:00 AM | 50.6 | 49.6 | 1.0 | 7.0 | 43.6 | - | 40.6 | 3.0 |
| 08:00 AM - 09:00 AM | 46.2 | 45.5 | 0.7 | 7.0 | 39.2 | - | 38.9 | 0.3 |
| 09:00 AM - 10:00 AM | 44.9 | 43.9 | 1.0 | 7.0 | 37.9 | - | 38.7 | -0.8 |
| 10:00 AM - 11:00 AM | 48.4 | 48.9 | -0.5 | 7.0 | 41.4 | - | 39.7 | 1.7 |
| 11:00 AM - 12:00 PM | 58.0 | 47.5 | 10.5 | 0.5 | 57.5 | - | 41.8 | 15.7 |
| 12:00 PM - 01:00 PM | 47.0 | 46.9 | 0.1 | 7.0 | 40.0 | - | 41.3 | -1.3 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน
1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 พฤศจิกายน 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.23128880-35 วันที่ตรวจวัด 29-30 พฤศจิกายน 2566)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854826-1



**Sample No.** 23128880-1
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 44.2 | 65.7 | 39.1 |
| 01:00 PM - 02:00 PM | 41.9 | 70.2 | 36.9 |
| 02:00 PM - 03:00 PM | 54.4 | 79.3 | 36.2 |
| 03:00 PM - 04:00 PM | 51.1 | 77.4 | 37.9 |
| 04:00 PM - 05:00 PM | 45.8 | 76.8 | 38.5 |
| 05:00 PM - 06:00 PM | 46.9 | 67.1 | 44.0 |
| 06:00 PM - 07:00 PM | 49.0 | 70.4 | 47.4 |
| 07:00 PM - 08:00 PM | 49.1 | 67.6 | 47.4 |
| 08:00 PM - 09:00 PM | 47.3 | 68.8 | 45.5 |
| 09:00 PM - 10:00 PM | 45.4 | 61.6 | 44.0 |
| 10:00 PM - 10:05 PM | 45.8 | 56.2 | 43.4 |
| 10:05 PM - 10:10 PM | 44.6 | 51.5 | 43.3 |
| 10:10 PM - 10:15 PM | 44.8 | 49.2 | 43.3 |
| 10:15 PM - 10:20 PM | 44.9 | 52.4 | 43.3 |
| 10:20 PM - 10:25 PM | 45.2 | 52.5 | 43.9 |
| 10:25 PM - 10:30 PM | 47.3 | 58.1 | 44.1 |
| 10:30 PM - 10:35 PM | 47.0 | 61.5 | 43.4 |
| 10:35 PM - 10:40 PM | 46.2 | 54.8 | 44.0 |
| 10:40 PM - 10:45 PM | 46.8 | 57.1 | 45.0 |
| 10:45 PM - 10:50 PM | 47.6 | 57.2 | 45.6 |
| 10:50 PM - 10:55 PM | 48.8 | 66.7 | 45.3 |
| 10:55 PM - 11:00 PM | 46.4 | 59.0 | 44.1 |
| 11:00 PM - 11:05 PM | 45.3 | 51.2 | 44.1 |
| 11:05 PM - 11:10 PM | 46.8 | 63.7 | 44.4 |
| 11:10 PM - 11:15 PM | 45.7 | 52.7 | 44.0 |
| 11:15 PM - 11:20 PM | 49.5 | 69.1 | 43.7 |
| 11:20 PM - 11:25 PM | 45.9 | 58.4 | 44.5 |
| 11:25 PM - 11:30 PM | 44.7 | 47.4 | 43.8 |
| 11:30 PM - 11:35 PM | 45.2 | 54.8 | 44.0 |
| 11:35 PM - 11:40 PM | 44.3 | 51.1 | 43.3 |
| 11:40 PM - 11:45 PM | 43.9 | 48.4 | 43.0 |
| 11:45 PM - 11:50 PM | 44.3 | 48.5 | 43.3 |
| 11:50 PM - 11:55 PM | 44.1 | 50.5 | 43.2 |
| 11:55 PM - 12:00 AM | 44.6 | 58.7 | 43.1 |
| 12:00 AM - 12:05 AM | 44.9 | 53.2 | 43.8 |
| 12:05 AM - 12:10 AM | 45.1 | 52.7 | 43.8 |
| 12:10 AM - 12:15 AM | 45.1 | 50.5 | 44.2 |
| 12:15 AM - 12:20 AM | 44.1 | 54.0 | 42.7 |
| 12:20 AM - 12:25 AM | 43.6 | 50.9 | 42.3 |
| 12:25 AM - 12:30 AM | 43.1 | 51.9 | 42.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854826-1



**Sample No.** 23128880-1
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:30 AM - 12:35 AM | 45.7 | 55.7 | 43.7 |
| 12:35 AM - 12:40 AM | 45.0 | 51.7 | 44.2 |
| 12:40 AM - 12:45 AM | 45.5 | 54.6 | 44.3 |
| 12:45 AM - 12:50 AM | 45.1 | 51.9 | 44.0 |
| 12:50 AM - 12:55 AM | 44.7 | 51.0 | 43.5 |
| 12:55 AM - 01:00 AM | 46.3 | 58.5 | 44.3 |
| 01:00 AM - 01:05 AM | 44.7 | 47.7 | 44.1 |
| 01:05 AM - 01:10 AM | 44.9 | 49.5 | 44.3 |
| 01:10 AM - 01:15 AM | 44.2 | 48.4 | 42.7 |
| 01:15 AM - 01:20 AM | 44.6 | 47.3 | 43.3 |
| 01:20 AM - 01:25 AM | 44.7 | 50.3 | 43.8 |
| 01:25 AM - 01:30 AM | 44.6 | 48.0 | 44.1 |
| 01:30 AM - 01:35 AM | 44.6 | 46.5 | 44.0 |
| 01:35 AM - 01:40 AM | 44.5 | 46.9 | 43.4 |
| 01:40 AM - 01:45 AM | 43.6 | 45.9 | 43.1 |
| 01:45 AM - 01:50 AM | 45.1 | 51.1 | 44.0 |
| 01:50 AM - 01:55 AM | 46.9 | 61.8 | 43.9 |
| 01:55 AM - 02:00 AM | 45.7 | 51.6 | 43.8 |
| 02:00 AM - 02:05 AM | 59.3 | 77.9 | 42.8 |
| 02:05 AM - 02:10 AM | 45.4 | 57.2 | 43.7 |
| 02:10 AM - 02:15 AM | 46.9 | 56.9 | 44.6 |
| 02:15 AM - 02:20 AM | 46.1 | 51.7 | 44.8 |
| 02:20 AM - 02:25 AM | 44.8 | 50.7 | 43.5 |
| 02:25 AM - 02:30 AM | 43.7 | 48.3 | 42.6 |
| 02:30 AM - 02:35 AM | 46.0 | 55.5 | 43.3 |
| 02:35 AM - 02:40 AM | 44.5 | 49.6 | 42.9 |
| 02:40 AM - 02:45 AM | 46.5 | 58.1 | 44.0 |
| 02:45 AM - 02:50 AM | 53.7 | 58.4 | 47.4 |
| 02:50 AM - 02:55 AM | 52.7 | 58.9 | 46.0 |
| 02:55 AM - 03:00 AM | 53.4 | 58.8 | 47.9 |
| 03:00 AM - 03:05 AM | 54.1 | 58.6 | 48.1 |
| 03:05 AM - 03:10 AM | 54.6 | 59.6 | 48.6 |
| 03:10 AM - 03:15 AM | 59.9 | 75.9 | 49.8 |
| 03:15 AM - 03:20 AM | 54.5 | 58.9 | 48.5 |
| 03:20 AM - 03:25 AM | 53.0 | 58.9 | 43.6 |
| 03:25 AM - 03:30 AM | 43.4 | 49.3 | 42.0 |
| 03:30 AM - 03:35 AM | 43.7 | 51.4 | 42.1 |
| 03:35 AM - 03:40 AM | 44.5 | 48.3 | 43.1 |
| 03:40 AM - 03:45 AM | 44.3 | 49.4 | 42.5 |
| 03:45 AM - 03:50 AM | 44.0 | 47.4 | 42.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854826-1



**Sample No.** 23128880-1
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:50 AM - 03:55 AM | 43.6 | 47.2 | 42.2 |
| 03:55 AM - 04:00 AM | 44.5 | 53.7 | 42.3 |
| 04:00 AM - 04:05 AM | 44.2 | 50.6 | 41.9 |
| 04:05 AM - 04:10 AM | 43.4 | 49.1 | 41.8 |
| 04:10 AM - 04:15 AM | 44.2 | 51.8 | 42.5 |
| 04:15 AM - 04:20 AM | 46.6 | 61.2 | 42.5 |
| 04:20 AM - 04:25 AM | 45.3 | 52.3 | 43.7 |
| 04:25 AM - 04:30 AM | 53.9 | 69.7 | 42.7 |
| 04:30 AM - 04:35 AM | 49.6 | 71.5 | 42.5 |
| 04:35 AM - 04:40 AM | 44.3 | 51.6 | 42.8 |
| 04:40 AM - 04:45 AM | 45.4 | 53.1 | 43.7 |
| 04:45 AM - 04:50 AM | 48.7 | 64.3 | 42.9 |
| 04:50 AM - 04:55 AM | 46.8 | 63.5 | 43.0 |
| 04:55 AM - 05:00 AM | 55.0 | 71.9 | 44.4 |
| 05:00 AM - 05:05 AM | 48.5 | 71.3 | 44.8 |
| 05:05 AM - 05:10 AM | 46.8 | 56.3 | 44.8 |
| 05:10 AM - 05:15 AM | 47.2 | 58.0 | 44.8 |
| 05:15 AM - 05:20 AM | 49.1 | 72.8 | 44.8 |
| 05:20 AM - 05:25 AM | 47.3 | 58.4 | 45.3 |
| 05:25 AM - 05:30 AM | 54.6 | 73.7 | 46.0 |
| 05:30 AM - 05:35 AM | 52.1 | 73.6 | 46.1 |
| 05:35 AM - 05:40 AM | 49.8 | 61.3 | 46.2 |
| 05:40 AM - 05:45 AM | 50.1 | 62.0 | 46.6 |
| 05:45 AM - 05:50 AM | 54.7 | 72.6 | 46.8 |
| 05:50 AM - 05:55 AM | 56.6 | 74.1 | 46.9 |
| 05:55 AM - 06:00 AM | 56.2 | 74.2 | 46.5 |
| 06:00 AM - 07:00 AM | 54.4 | 80.9 | 46.8 |
| 07:00 AM - 08:00 AM | 47.0 | 66.4 | 44.0 |
| 08:00 AM - 09:00 AM | 54.7 | 80.3 | 40.9 |
| 09:00 AM - 10:00 AM | 43.9 | 61.0 | 39.7 |
| 10:00 AM - 11:00 AM | 43.8 | 74.5 | 38.1 |
| 11:00 AM - 12:00 PM | 42.4 | 75.0 | 35.7 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854827-1



**Sample No.** 23128880-2
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 40.4 | 67.1 | 35.5 |
| 01:00 PM - 02:00 PM | 41.8 | 74.1 | 36.1 |
| 02:00 PM - 03:00 PM | 39.1 | 58.5 | 35.1 |
| 03:00 PM - 04:00 PM | 43.0 | 68.9 | 36.5 |
| 04:00 PM - 05:00 PM | 43.5 | 63.2 | 39.4 |
| 05:00 PM - 06:00 PM | 46.5 | 67.3 | 43.2 |
| 06:00 PM - 07:00 PM | 50.4 | 71.7 | 48.4 |
| 07:00 PM - 08:00 PM | 49.6 | 67.1 | 48.1 |
| 08:00 PM - 09:00 PM | 49.1 | 60.0 | 47.7 |
| 09:00 PM - 10:00 PM | 47.9 | 61.6 | 46.4 |
| 10:00 PM - 10:05 PM | 46.7 | 52.0 | 45.8 |
| 10:05 PM - 10:10 PM | 47.6 | 54.7 | 46.0 |
| 10:10 PM - 10:15 PM | 46.7 | 58.4 | 44.9 |
| 10:15 PM - 10:20 PM | 47.1 | 54.8 | 45.0 |
| 10:20 PM - 10:25 PM | 45.6 | 49.6 | 44.5 |
| 10:25 PM - 10:30 PM | 46.9 | 61.0 | 44.4 |
| 10:30 PM - 10:35 PM | 46.9 | 60.2 | 44.7 |
| 10:35 PM - 10:40 PM | 47.4 | 60.7 | 44.2 |
| 10:40 PM - 10:45 PM | 46.6 | 54.2 | 44.9 |
| 10:45 PM - 10:50 PM | 60.5 | 74.3 | 46.2 |
| 10:50 PM - 10:55 PM | 60.1 | 74.8 | 46.4 |
| 10:55 PM - 11:00 PM | 48.8 | 75.5 | 44.0 |
| 11:00 PM - 11:05 PM | 46.8 | 60.6 | 44.3 |
| 11:05 PM - 11:10 PM | 45.8 | 53.7 | 44.2 |
| 11:10 PM - 11:15 PM | 45.8 | 52.0 | 44.4 |
| 11:15 PM - 11:20 PM | 44.9 | 49.1 | 43.7 |
| 11:20 PM - 11:25 PM | 45.9 | 52.8 | 44.2 |
| 11:25 PM - 11:30 PM | 53.4 | 75.3 | 44.2 |
| 11:30 PM - 11:35 PM | 47.4 | 61.8 | 44.3 |
| 11:35 PM - 11:40 PM | 44.8 | 50.5 | 43.9 |
| 11:40 PM - 11:45 PM | 45.7 | 54.5 | 43.9 |
| 11:45 PM - 11:50 PM | 49.0 | 65.6 | 44.5 |
| 11:50 PM - 11:55 PM | 46.4 | 53.7 | 45.2 |
| 11:55 PM - 12:00 AM | 45.9 | 56.2 | 44.4 |
| 12:00 AM - 12:05 AM | 47.4 | 55.0 | 46.0 |
| 12:05 AM - 12:10 AM | 47.4 | 52.7 | 46.5 |
| 12:10 AM - 12:15 AM | 47.4 | 52.3 | 46.5 |
| 12:15 AM - 12:20 AM | 47.1 | 55.3 | 45.1 |
| 12:20 AM - 12:25 AM | 45.8 | 50.2 | 44.5 |
| 12:25 AM - 12:30 AM | 45.2 | 50.7 | 43.8 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854827-1



**Sample No.** 23128880-2
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:30 AM - 12:35 AM | 45.8 | 55.3 | 44.2 |
| 12:35 AM - 12:40 AM | 45.8 | 50.8 | 44.6 |
| 12:40 AM - 12:45 AM | 46.4 | 51.1 | 45.2 |
| 12:45 AM - 12:50 AM | 46.6 | 56.9 | 44.9 |
| 12:50 AM - 12:55 AM | 46.4 | 55.2 | 44.5 |
| 12:55 AM - 01:00 AM | 46.3 | 51.5 | 44.8 |
| 01:00 AM - 01:05 AM | 47.0 | 52.7 | 45.5 |
| 01:05 AM - 01:10 AM | 47.3 | 56.9 | 45.5 |
| 01:10 AM - 01:15 AM | 46.4 | 58.7 | 44.2 |
| 01:15 AM - 01:20 AM | 46.4 | 55.3 | 44.5 |
| 01:20 AM - 01:25 AM | 46.0 | 58.0 | 44.4 |
| 01:25 AM - 01:30 AM | 45.9 | 51.4 | 44.5 |
| 01:30 AM - 01:35 AM | 46.4 | 58.0 | 44.6 |
| 01:35 AM - 01:40 AM | 47.3 | 59.3 | 44.7 |
| 01:40 AM - 01:45 AM | 47.0 | 57.3 | 45.0 |
| 01:45 AM - 01:50 AM | 46.1 | 56.8 | 44.6 |
| 01:50 AM - 01:55 AM | 45.7 | 50.4 | 44.5 |
| 01:55 AM - 02:00 AM | 46.2 | 53.6 | 44.9 |
| 02:00 AM - 02:05 AM | 47.6 | 59.8 | 44.9 |
| 02:05 AM - 02:10 AM | 47.9 | 58.9 | 45.0 |
| 02:10 AM - 02:15 AM | 45.6 | 50.6 | 44.5 |
| 02:15 AM - 02:20 AM | 47.9 | 62.8 | 44.6 |
| 02:20 AM - 02:25 AM | 46.3 | 56.0 | 44.9 |
| 02:25 AM - 02:30 AM | 45.5 | 53.8 | 43.9 |
| 02:30 AM - 02:35 AM | 46.8 | 63.6 | 43.3 |
| 02:35 AM - 02:40 AM | 44.3 | 50.3 | 43.2 |
| 02:40 AM - 02:45 AM | 44.4 | 53.4 | 43.3 |
| 02:45 AM - 02:50 AM | 44.5 | 49.4 | 43.4 |
| 02:50 AM - 02:55 AM | 44.4 | 49.8 | 43.4 |
| 02:55 AM - 03:00 AM | 44.9 | 51.8 | 43.5 |
| 03:00 AM - 03:05 AM | 44.2 | 50.8 | 42.9 |
| 03:05 AM - 03:10 AM | 43.4 | 50.9 | 42.4 |
| 03:10 AM - 03:15 AM | 43.4 | 50.0 | 42.1 |
| 03:15 AM - 03:20 AM | 54.5 | 69.5 | 42.8 |
| 03:20 AM - 03:25 AM | 53.0 | 70.1 | 42.9 |
| 03:25 AM - 03:30 AM | 44.5 | 48.7 | 43.4 |
| 03:30 AM - 03:35 AM | 45.4 | 56.7 | 43.5 |
| 03:35 AM - 03:40 AM | 46.1 | 56.7 | 44.3 |
| 03:40 AM - 03:45 AM | 45.3 | 50.2 | 44.3 |
| 03:45 AM - 03:50 AM | 44.9 | 47.4 | 44.2 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854827-1



**Sample No.** 23128880-2
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:50 AM - 03:55 AM | 45.3 | 48.5 | 44.5 |
| 03:55 AM - 04:00 AM | 45.3 | 48.2 | 44.5 |
| 04:00 AM - 04:05 AM | 45.3 | 50.4 | 44.2 |
| 04:05 AM - 04:10 AM | 55.5 | 70.3 | 43.8 |
| 04:10 AM - 04:15 AM | 44.2 | 47.0 | 43.2 |
| 04:15 AM - 04:20 AM | 44.7 | 49.7 | 43.5 |
| 04:20 AM - 04:25 AM | 46.2 | 55.5 | 43.6 |
| 04:25 AM - 04:30 AM | 55.2 | 70.4 | 43.8 |
| 04:30 AM - 04:35 AM | 52.4 | 71.3 | 43.5 |
| 04:35 AM - 04:40 AM | 45.7 | 54.1 | 43.1 |
| 04:40 AM - 04:45 AM | 45.6 | 54.0 | 43.4 |
| 04:45 AM - 04:50 AM | 51.8 | 71.8 | 44.4 |
| 04:50 AM - 04:55 AM | 52.9 | 71.3 | 44.8 |
| 04:55 AM - 05:00 AM | 46.6 | 51.6 | 45.0 |
| 05:00 AM - 05:05 AM | 46.4 | 51.9 | 45.0 |
| 05:05 AM - 05:10 AM | 57.3 | 73.6 | 44.6 |
| 05:10 AM - 05:15 AM | 46.7 | 52.0 | 45.3 |
| 05:15 AM - 05:20 AM | 46.9 | 52.9 | 45.2 |
| 05:20 AM - 05:25 AM | 46.6 | 53.6 | 45.1 |
| 05:25 AM - 05:30 AM | 46.5 | 52.3 | 45.3 |
| 05:30 AM - 05:35 AM | 47.2 | 54.8 | 45.5 |
| 05:35 AM - 05:40 AM | 56.4 | 72.0 | 46.1 |
| 05:40 AM - 05:45 AM | 49.7 | 60.0 | 46.9 |
| 05:45 AM - 05:50 AM | 49.2 | 61.4 | 46.8 |
| 05:50 AM - 05:55 AM | 58.4 | 73.4 | 45.9 |
| 05:55 AM - 06:00 AM | 58.5 | 74.7 | 45.7 |
| 06:00 AM - 07:00 AM | 50.9 | 73.5 | 47.3 |
| 07:00 AM - 08:00 AM | 51.8 | 67.9 | 50.4 |
| 08:00 AM - 09:00 AM | 52.1 | 69.1 | 49.8 |
| 09:00 AM - 10:00 AM | 48.2 | 69.4 | 43.6 |
| 10:00 AM - 11:00 AM | 47.0 | 74.0 | 41.6 |
| 11:00 AM - 12:00 PM | 42.8 | 62.0 | 38.9 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854828-1



**Sample No.** 23128880-3
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 42.1 | 63.6 | 37.0 |
| 01:00 PM - 02:00 PM | 40.5 | 60.7 | 36.0 |
| 02:00 PM - 03:00 PM | 42.7 | 63.2 | 38.0 |
| 03:00 PM - 04:00 PM | 52.4 | 80.6 | 39.4 |
| 04:00 PM - 05:00 PM | 46.0 | 72.2 | 42.9 |
| 05:00 PM - 06:00 PM | 48.4 | 64.6 | 45.9 |
| 06:00 PM - 07:00 PM | 53.0 | 76.5 | 47.9 |
| 07:00 PM - 08:00 PM | 51.2 | 63.7 | 48.6 |
| 08:00 PM - 09:00 PM | 48.9 | 64.2 | 47.6 |
| 09:00 PM - 10:00 PM | 47.9 | 61.4 | 46.4 |
| 10:00 PM - 10:05 PM | 48.7 | 60.2 | 45.9 |
| 10:05 PM - 10:10 PM | 48.6 | 54.9 | 46.6 |
| 10:10 PM - 10:15 PM | 48.0 | 53.2 | 46.9 |
| 10:15 PM - 10:20 PM | 49.2 | 54.5 | 46.6 |
| 10:20 PM - 10:25 PM | 48.5 | 53.5 | 46.8 |
| 10:25 PM - 10:30 PM | 49.0 | 51.8 | 47.7 |
| 10:30 PM - 10:35 PM | 50.3 | 57.8 | 47.3 |
| 10:35 PM - 10:40 PM | 48.3 | 58.1 | 47.1 |
| 10:40 PM - 10:45 PM | 47.8 | 56.1 | 46.8 |
| 10:45 PM - 10:50 PM | 47.6 | 57.2 | 46.9 |
| 10:50 PM - 10:55 PM | 47.6 | 52.9 | 47.0 |
| 10:55 PM - 11:00 PM | 48.4 | 51.2 | 46.8 |
| 11:00 PM - 11:05 PM | 48.7 | 62.0 | 47.3 |
| 11:05 PM - 11:10 PM | 47.9 | 50.4 | 46.7 |
| 11:10 PM - 11:15 PM | 47.1 | 52.1 | 46.4 |
| 11:15 PM - 11:20 PM | 48.0 | 57.9 | 46.3 |
| 11:20 PM - 11:25 PM | 47.4 | 50.1 | 46.6 |
| 11:25 PM - 11:30 PM | 47.6 | 54.7 | 46.6 |
| 11:30 PM - 11:35 PM | 49.2 | 59.7 | 46.4 |
| 11:35 PM - 11:40 PM | 54.1 | 61.6 | 46.2 |
| 11:40 PM - 11:45 PM | 47.6 | 55.0 | 45.9 |
| 11:45 PM - 11:50 PM | 48.0 | 63.4 | 46.1 |
| 11:50 PM - 11:55 PM | 46.1 | 49.6 | 45.1 |
| 11:55 PM - 12:00 AM | 46.5 | 53.9 | 45.4 |
| 12:00 AM - 12:05 AM | 46.2 | 52.0 | 44.9 |
| 12:05 AM - 12:10 AM | 45.5 | 49.8 | 44.8 |
| 12:10 AM - 12:15 AM | 47.1 | 56.9 | 45.2 |
| 12:15 AM - 12:20 AM | 48.3 | 60.8 | 45.4 |
| 12:20 AM - 12:25 AM | 47.2 | 63.8 | 45.4 |
| 12:25 AM - 12:30 AM | 46.3 | 55.5 | 45.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854828-1



**Sample No.** 23128880-3
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:30 AM - 12:35 AM | 49.0 | 65.2 | 45.5 |
| 12:35 AM - 12:40 AM | 48.4 | 65.5 | 45.8 |
| 12:40 AM - 12:45 AM | 46.6 | 53.0 | 45.1 |
| 12:45 AM - 12:50 AM | 47.2 | 55.8 | 45.6 |
| 12:50 AM - 12:55 AM | 46.2 | 51.0 | 45.4 |
| 12:55 AM - 01:00 AM | 48.1 | 60.9 | 46.4 |
| 01:00 AM - 01:05 AM | 46.9 | 51.4 | 46.0 |
| 01:05 AM - 01:10 AM | 47.0 | 54.6 | 46.0 |
| 01:10 AM - 01:15 AM | 46.9 | 51.9 | 46.2 |
| 01:15 AM - 01:20 AM | 46.5 | 51.2 | 45.6 |
| 01:20 AM - 01:25 AM | 47.6 | 61.9 | 45.5 |
| 01:25 AM - 01:30 AM | 46.6 | 55.7 | 45.9 |
| 01:30 AM - 01:35 AM | 46.3 | 51.8 | 45.5 |
| 01:35 AM - 01:40 AM | 55.7 | 72.0 | 45.4 |
| 01:40 AM - 01:45 AM | 53.3 | 71.4 | 45.4 |
| 01:45 AM - 01:50 AM | 46.2 | 49.0 | 45.4 |
| 01:50 AM - 01:55 AM | 46.3 | 48.9 | 45.6 |
| 01:55 AM - 02:00 AM | 46.6 | 53.1 | 45.7 |
| 02:00 AM - 02:05 AM | 46.4 | 49.4 | 45.6 |
| 02:05 AM - 02:10 AM | 46.6 | 48.8 | 45.7 |
| 02:10 AM - 02:15 AM | 46.7 | 59.1 | 45.4 |
| 02:15 AM - 02:20 AM | 45.9 | 52.4 | 44.9 |
| 02:20 AM - 02:25 AM | 45.6 | 53.1 | 44.4 |
| 02:25 AM - 02:30 AM | 45.7 | 51.3 | 44.7 |
| 02:30 AM - 02:35 AM | 45.7 | 48.2 | 44.9 |
| 02:35 AM - 02:40 AM | 46.1 | 54.9 | 45.0 |
| 02:40 AM - 02:45 AM | 46.4 | 49.9 | 45.1 |
| 02:45 AM - 02:50 AM | 48.1 | 64.7 | 46.0 |
| 02:50 AM - 02:55 AM | 47.3 | 57.5 | 46.0 |
| 02:55 AM - 03:00 AM | 46.1 | 51.0 | 44.7 |
| 03:00 AM - 03:05 AM | 46.3 | 53.7 | 44.5 |
| 03:05 AM - 03:10 AM | 47.3 | 51.9 | 45.8 |
| 03:10 AM - 03:15 AM | 47.3 | 50.8 | 46.3 |
| 03:15 AM - 03:20 AM | 47.7 | 52.1 | 46.7 |
| 03:20 AM - 03:25 AM | 47.4 | 51.3 | 46.6 |
| 03:25 AM - 03:30 AM | 47.7 | 62.0 | 46.8 |
| 03:30 AM - 03:35 AM | 48.2 | 53.6 | 46.9 |
| 03:35 AM - 03:40 AM | 47.0 | 52.3 | 46.0 |
| 03:40 AM - 03:45 AM | 47.5 | 58.3 | 45.8 |
| 03:45 AM - 03:50 AM | 47.4 | 52.1 | 46.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854828-1



**Sample No.** 23128880-3
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:50 AM - 03:55 AM | 56.8 | 71.3 | 46.1 |
| 03:55 AM - 04:00 AM | 47.8 | 54.0 | 46.0 |
| 04:00 AM - 04:05 AM | 48.4 | 55.2 | 47.3 |
| 04:05 AM - 04:10 AM | 47.8 | 52.3 | 46.8 |
| 04:10 AM - 04:15 AM | 47.9 | 51.8 | 46.9 |
| 04:15 AM - 04:20 AM | 52.5 | 72.4 | 46.5 |
| 04:20 AM - 04:25 AM | 47.4 | 54.4 | 46.4 |
| 04:25 AM - 04:30 AM | 47.9 | 59.7 | 46.5 |
| 04:30 AM - 04:35 AM | 48.7 | 59.3 | 46.5 |
| 04:35 AM - 04:40 AM | 46.9 | 57.3 | 45.4 |
| 04:40 AM - 04:45 AM | 46.2 | 53.1 | 45.0 |
| 04:45 AM - 04:50 AM | 46.4 | 55.0 | 44.9 |
| 04:50 AM - 04:55 AM | 55.2 | 71.2 | 45.8 |
| 04:55 AM - 05:00 AM | 55.3 | 71.9 | 46.6 |
| 05:00 AM - 05:05 AM | 48.1 | 53.7 | 46.6 |
| 05:05 AM - 05:10 AM | 47.9 | 57.5 | 46.2 |
| 05:10 AM - 05:15 AM | 47.4 | 50.5 | 45.8 |
| 05:15 AM - 05:20 AM | 47.8 | 55.7 | 45.6 |
| 05:20 AM - 05:25 AM | 48.0 | 55.7 | 45.7 |
| 05:25 AM - 05:30 AM | 58.5 | 72.8 | 46.0 |
| 05:30 AM - 05:35 AM | 47.6 | 68.1 | 46.1 |
| 05:35 AM - 05:40 AM | 47.8 | 55.3 | 46.1 |
| 05:40 AM - 05:45 AM | 50.7 | 61.9 | 47.2 |
| 05:45 AM - 05:50 AM | 52.1 | 66.3 | 48.0 |
| 05:50 AM - 05:55 AM | 59.1 | 73.4 | 48.1 |
| 05:55 AM - 06:00 AM | 58.4 | 73.4 | 49.2 |
| 06:00 AM - 07:00 AM | 53.8 | 74.8 | 46.7 |
| 07:00 AM - 08:00 AM | 45.8 | 67.0 | 42.3 |
| 08:00 AM - 09:00 AM | 50.3 | 79.7 | 40.7 |
| 09:00 AM - 10:00 AM | 43.9 | 68.1 | 39.9 |
| 10:00 AM - 11:00 AM | 48.8 | 78.1 | 38.8 |
| 11:00 AM - 12:00 PM | 43.5 | 61.8 | 39.1 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854829-1



**Sample No.** 23128880-4
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 46.0 | 74.4 | 37.2 |
| 01:00 PM - 02:00 PM | 43.1 | 62.8 | 38.3 |
| 02:00 PM - 03:00 PM | 43.0 | 68.6 | 37.7 |
| 03:00 PM - 04:00 PM | 43.3 | 64.0 | 38.0 |
| 04:00 PM - 05:00 PM | 44.0 | 63.8 | 39.5 |
| 05:00 PM - 06:00 PM | 48.2 | 72.2 | 42.4 |
| 06:00 PM - 07:00 PM | 55.8 | 72.0 | 45.2 |
| 07:00 PM - 08:00 PM | 48.2 | 60.7 | 45.8 |
| 08:00 PM - 09:00 PM | 48.5 | 62.4 | 46.0 |
| 09:00 PM - 10:00 PM | 48.7 | 67.0 | 46.8 |
| 10:00 PM - 10:05 PM | 48.0 | 52.6 | 47.1 |
| 10:05 PM - 10:10 PM | 47.6 | 51.8 | 46.9 |
| 10:10 PM - 10:15 PM | 47.6 | 52.2 | 46.5 |
| 10:15 PM - 10:20 PM | 49.1 | 57.6 | 46.3 |
| 10:20 PM - 10:25 PM | 47.4 | 54.0 | 45.7 |
| 10:25 PM - 10:30 PM | 51.1 | 58.5 | 44.7 |
| 10:30 PM - 10:35 PM | 45.4 | 56.4 | 43.0 |
| 10:35 PM - 10:40 PM | 54.0 | 68.6 | 43.8 |
| 10:40 PM - 10:45 PM | 55.1 | 70.6 | 44.3 |
| 10:45 PM - 10:50 PM | 46.8 | 57.3 | 44.7 |
| 10:50 PM - 10:55 PM | 46.1 | 53.6 | 44.5 |
| 10:55 PM - 11:00 PM | 44.8 | 52.1 | 43.2 |
| 11:00 PM - 11:05 PM | 50.1 | 54.1 | 45.5 |
| 11:05 PM - 11:10 PM | 50.6 | 56.1 | 49.1 |
| 11:10 PM - 11:15 PM | 49.6 | 56.9 | 46.7 |
| 11:15 PM - 11:20 PM | 46.6 | 60.2 | 43.7 |
| 11:20 PM - 11:25 PM | 44.2 | 53.1 | 43.3 |
| 11:25 PM - 11:30 PM | 45.0 | 59.9 | 43.4 |
| 11:30 PM - 11:35 PM | 46.5 | 63.5 | 44.6 |
| 11:35 PM - 11:40 PM | 45.2 | 49.3 | 44.3 |
| 11:40 PM - 11:45 PM | 45.0 | 52.6 | 44.2 |
| 11:45 PM - 11:50 PM | 44.9 | 47.4 | 44.3 |
| 11:50 PM - 11:55 PM | 44.9 | 47.3 | 44.2 |
| 11:55 PM - 12:00 AM | 45.0 | 50.5 | 43.8 |
| 12:00 AM - 12:05 AM | 43.4 | 46.0 | 42.7 |
| 12:05 AM - 12:10 AM | 43.8 | 46.6 | 43.1 |
| 12:10 AM - 12:15 AM | 44.3 | 51.7 | 43.1 |
| 12:15 AM - 12:20 AM | 45.5 | 61.1 | 43.2 |
| 12:20 AM - 12:25 AM | 44.0 | 48.0 | 43.2 |
| 12:25 AM - 12:30 AM | 44.0 | 48.3 | 43.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854829-1



**Sample No.** 23128880-4
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:30 AM - 12:35 AM | 45.0 | 61.3 | 44.0 |
| 12:35 AM - 12:40 AM | 45.4 | 50.7 | 44.3 |
| 12:40 AM - 12:45 AM | 45.4 | 62.4 | 43.7 |
| 12:45 AM - 12:50 AM | 44.5 | 58.3 | 43.3 |
| 12:50 AM - 12:55 AM | 44.7 | 50.5 | 43.6 |
| 12:55 AM - 01:00 AM | 45.4 | 49.0 | 44.4 |
| 01:00 AM - 01:05 AM | 45.4 | 49.8 | 44.6 |
| 01:05 AM - 01:10 AM | 45.5 | 49.5 | 44.4 |
| 01:10 AM - 01:15 AM | 46.0 | 48.4 | 45.2 |
| 01:15 AM - 01:20 AM | 45.6 | 51.7 | 44.5 |
| 01:20 AM - 01:25 AM | 45.7 | 52.3 | 44.6 |
| 01:25 AM - 01:30 AM | 45.0 | 48.0 | 44.0 |
| 01:30 AM - 01:35 AM | 45.0 | 53.8 | 43.9 |
| 01:35 AM - 01:40 AM | 44.9 | 47.9 | 43.7 |
| 01:40 AM - 01:45 AM | 44.1 | 48.7 | 43.1 |
| 01:45 AM - 01:50 AM | 44.2 | 48.6 | 43.1 |
| 01:50 AM - 01:55 AM | 45.1 | 48.4 | 43.9 |
| 01:55 AM - 02:00 AM | 44.9 | 51.1 | 43.2 |
| 02:00 AM - 02:05 AM | 45.2 | 49.6 | 44.1 |
| 02:05 AM - 02:10 AM | 46.9 | 58.0 | 44.2 |
| 02:10 AM - 02:15 AM | 46.1 | 54.9 | 44.8 |
| 02:15 AM - 02:20 AM | 44.8 | 48.0 | 43.9 |
| 02:20 AM - 02:25 AM | 45.5 | 52.5 | 43.8 |
| 02:25 AM - 02:30 AM | 46.2 | 49.7 | 45.3 |
| 02:30 AM - 02:35 AM | 45.2 | 47.5 | 44.5 |
| 02:35 AM - 02:40 AM | 46.3 | 59.1 | 45.0 |
| 02:40 AM - 02:45 AM | 45.7 | 49.8 | 45.0 |
| 02:45 AM - 02:50 AM | 46.1 | 55.7 | 44.8 |
| 02:50 AM - 02:55 AM | 44.8 | 54.4 | 44.1 |
| 02:55 AM - 03:00 AM | 45.0 | 50.3 | 43.9 |
| 03:00 AM - 03:05 AM | 45.5 | 53.8 | 44.6 |
| 03:05 AM - 03:10 AM | 46.2 | 63.2 | 45.4 |
| 03:10 AM - 03:15 AM | 46.2 | 52.1 | 45.4 |
| 03:15 AM - 03:20 AM | 46.8 | 60.4 | 45.2 |
| 03:20 AM - 03:25 AM | 45.3 | 50.3 | 44.4 |
| 03:25 AM - 03:30 AM | 45.4 | 49.8 | 44.5 |
| 03:30 AM - 03:35 AM | 44.6 | 51.0 | 43.8 |
| 03:35 AM - 03:40 AM | 45.0 | 50.8 | 43.7 |
| 03:40 AM - 03:45 AM | 46.5 | 59.5 | 43.9 |
| 03:45 AM - 03:50 AM | 47.5 | 68.2 | 43.8 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854829-1



**Sample No.** 23128880-4
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:50 AM - 03:55 AM | 45.4 | 56.1 | 43.6 |
| 03:55 AM - 04:00 AM | 44.7 | 48.5 | 43.9 |
| 04:00 AM - 04:05 AM | 56.6 | 70.7 | 43.6 |
| 04:05 AM - 04:10 AM | 53.7 | 70.5 | 43.8 |
| 04:10 AM - 04:15 AM | 45.4 | 52.4 | 44.1 |
| 04:15 AM - 04:20 AM | 45.6 | 50.4 | 44.6 |
| 04:20 AM - 04:25 AM | 50.2 | 69.5 | 44.2 |
| 04:25 AM - 04:30 AM | 50.4 | 69.5 | 44.2 |
| 04:30 AM - 04:35 AM | 46.5 | 59.3 | 44.5 |
| 04:35 AM - 04:40 AM | 46.0 | 53.9 | 44.7 |
| 04:40 AM - 04:45 AM | 55.4 | 71.7 | 44.8 |
| 04:45 AM - 04:50 AM | 54.4 | 71.6 | 44.6 |
| 04:50 AM - 04:55 AM | 45.8 | 51.9 | 44.4 |
| 04:55 AM - 05:00 AM | 45.7 | 52.1 | 44.5 |
| 05:00 AM - 05:05 AM | 47.3 | 58.1 | 45.5 |
| 05:05 AM - 05:10 AM | 56.6 | 71.3 | 45.1 |
| 05:10 AM - 05:15 AM | 52.4 | 71.9 | 44.4 |
| 05:15 AM - 05:20 AM | 54.0 | 73.6 | 45.2 |
| 05:20 AM - 05:25 AM | 45.8 | 52.5 | 44.6 |
| 05:25 AM - 05:30 AM | 46.8 | 55.0 | 45.1 |
| 05:30 AM - 05:35 AM | 47.5 | 56.5 | 46.1 |
| 05:35 AM - 05:40 AM | 48.3 | 60.9 | 45.9 |
| 05:40 AM - 05:45 AM | 57.0 | 71.3 | 46.1 |
| 05:45 AM - 05:50 AM | 55.1 | 72.9 | 46.4 |
| 05:50 AM - 05:55 AM | 57.2 | 73.2 | 46.8 |
| 05:55 AM - 06:00 AM | 57.3 | 73.6 | 47.2 |
| 06:00 AM - 07:00 AM | 52.1 | 74.3 | 47.3 |
| 07:00 AM - 08:00 AM | 49.2 | 69.9 | 45.5 |
| 08:00 AM - 09:00 AM | 45.5 | 65.9 | 42.4 |
| 09:00 AM - 10:00 AM | 45.0 | 66.8 | 41.1 |
| 10:00 AM - 11:00 AM | 44.2 | 64.0 | 41.1 |
| 11:00 AM - 12:00 PM | 45.2 | 68.9 | 39.9 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854830-1



**Sample No.** 23128880-5
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 42.0 | 60.8 | 36.9 |
| 01:00 PM - 02:00 PM | 42.1 | 65.9 | 37.9 |
| 02:00 PM - 03:00 PM | 42.9 | 64.4 | 38.0 |
| 03:00 PM - 04:00 PM | 43.9 | 65.5 | 39.2 |
| 04:00 PM - 05:00 PM | 45.1 | 65.6 | 41.4 |
| 05:00 PM - 06:00 PM | 48.6 | 71.0 | 44.9 |
| 06:00 PM - 07:00 PM | 50.2 | 65.6 | 48.3 |
| 07:00 PM - 08:00 PM | 54.5 | 90.6 | 50.1 |
| 08:00 PM - 09:00 PM | 53.9 | 75.2 | 51.0 |
| 09:00 PM - 10:00 PM | 54.0 | 68.3 | 51.0 |
| 10:00 PM - 10:05 PM | 56.5 | 67.7 | 52.4 |
| 10:05 PM - 10:10 PM | 55.4 | 67.0 | 52.0 |
| 10:10 PM - 10:15 PM | 55.8 | 70.5 | 52.3 |
| 10:15 PM - 10:20 PM | 53.9 | 64.8 | 50.9 |
| 10:20 PM - 10:25 PM | 54.7 | 64.6 | 51.6 |
| 10:25 PM - 10:30 PM | 55.3 | 67.2 | 52.6 |
| 10:30 PM - 10:35 PM | 55.6 | 67.9 | 52.6 |
| 10:35 PM - 10:40 PM | 55.7 | 62.5 | 52.7 |
| 10:40 PM - 10:45 PM | 56.8 | 67.7 | 53.0 |
| 10:45 PM - 10:50 PM | 57.3 | 72.9 | 53.8 |
| 10:50 PM - 10:55 PM | 54.7 | 62.2 | 52.1 |
| 10:55 PM - 11:00 PM | 55.2 | 63.8 | 52.2 |
| 11:00 PM - 11:05 PM | 56.1 | 63.9 | 52.8 |
| 11:05 PM - 11:10 PM | 56.4 | 67.9 | 52.5 |
| 11:10 PM - 11:15 PM | 53.4 | 63.7 | 51.1 |
| 11:15 PM - 11:20 PM | 51.7 | 61.6 | 49.9 |
| 11:20 PM - 11:25 PM | 52.7 | 61.2 | 50.2 |
| 11:25 PM - 11:30 PM | 53.6 | 63.0 | 50.9 |
| 11:30 PM - 11:35 PM | 53.1 | 59.4 | 50.3 |
| 11:35 PM - 11:40 PM | 54.6 | 65.3 | 51.9 |
| 11:40 PM - 11:45 PM | 53.0 | 60.7 | 49.6 |
| 11:45 PM - 11:50 PM | 51.7 | 61.4 | 49.4 |
| 11:50 PM - 11:55 PM | 52.7 | 62.9 | 49.4 |
| 11:55 PM - 12:00 AM | 48.2 | 56.8 | 46.2 |
| 12:00 AM - 12:05 AM | 47.6 | 56.3 | 45.5 |
| 12:05 AM - 12:10 AM | 47.7 | 61.3 | 44.5 |
| 12:10 AM - 12:15 AM | 47.3 | 55.6 | 45.2 |
| 12:15 AM - 12:20 AM | 46.1 | 56.8 | 44.5 |
| 12:20 AM - 12:25 AM | 46.8 | 58.9 | 45.0 |
| 12:25 AM - 12:30 AM | 48.1 | 58.8 | 45.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854830-1



**Sample No.** 23128880-5
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:30 AM - 12:35 AM | 49.0 | 62.0 | 45.1 |
| 12:35 AM - 12:40 AM | 47.6 | 58.5 | 45.8 |
| 12:40 AM - 12:45 AM | 47.8 | 63.2 | 45.6 |
| 12:45 AM - 12:50 AM | 46.4 | 58.2 | 45.3 |
| 12:50 AM - 12:55 AM | 47.0 | 56.2 | 45.1 |
| 12:55 AM - 01:00 AM | 45.7 | 52.4 | 44.7 |
| 01:00 AM - 01:05 AM | 45.6 | 48.7 | 44.7 |
| 01:05 AM - 01:10 AM | 46.0 | 56.5 | 44.8 |
| 01:10 AM - 01:15 AM | 45.7 | 54.2 | 44.6 |
| 01:15 AM - 01:20 AM | 46.3 | 52.6 | 44.9 |
| 01:20 AM - 01:25 AM | 46.2 | 56.7 | 44.5 |
| 01:25 AM - 01:30 AM | 45.8 | 54.5 | 45.0 |
| 01:30 AM - 01:35 AM | 45.9 | 58.1 | 44.5 |
| 01:35 AM - 01:40 AM | 45.6 | 52.3 | 44.6 |
| 01:40 AM - 01:45 AM | 46.1 | 56.9 | 44.3 |
| 01:45 AM - 01:50 AM | 46.7 | 59.1 | 44.8 |
| 01:50 AM - 01:55 AM | 46.2 | 57.7 | 44.6 |
| 01:55 AM - 02:00 AM | 46.1 | 58.0 | 44.2 |
| 02:00 AM - 02:05 AM | 45.8 | 53.0 | 44.4 |
| 02:05 AM - 02:10 AM | 45.8 | 50.0 | 44.8 |
| 02:10 AM - 02:15 AM | 46.3 | 54.0 | 44.8 |
| 02:15 AM - 02:20 AM | 45.8 | 55.1 | 44.8 |
| 02:20 AM - 02:25 AM | 45.5 | 57.5 | 44.0 |
| 02:25 AM - 02:30 AM | 45.4 | 48.2 | 44.3 |
| 02:30 AM - 02:35 AM | 44.9 | 49.2 | 43.9 |
| 02:35 AM - 02:40 AM | 44.7 | 51.1 | 43.1 |
| 02:40 AM - 02:45 AM | 45.1 | 54.4 | 43.9 |
| 02:45 AM - 02:50 AM | 46.3 | 61.2 | 44.0 |
| 02:50 AM - 02:55 AM | 44.6 | 48.5 | 43.7 |
| 02:55 AM - 03:00 AM | 44.7 | 56.3 | 43.4 |
| 03:00 AM - 03:05 AM | 44.5 | 57.4 | 43.4 |
| 03:05 AM - 03:10 AM | 44.1 | 55.3 | 43.0 |
| 03:10 AM - 03:15 AM | 44.8 | 55.4 | 43.2 |
| 03:15 AM - 03:20 AM | 45.4 | 54.7 | 44.0 |
| 03:20 AM - 03:25 AM | 45.3 | 54.1 | 43.8 |
| 03:25 AM - 03:30 AM | 45.4 | 54.6 | 44.0 |
| 03:30 AM - 03:35 AM | 44.8 | 49.0 | 43.8 |
| 03:35 AM - 03:40 AM | 44.8 | 49.8 | 43.6 |
| 03:40 AM - 03:45 AM | 45.3 | 49.8 | 44.3 |
| 03:45 AM - 03:50 AM | 45.4 | 51.7 | 44.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854830-1



**Sample No.** 23128880-5
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:50 AM - 03:55 AM | 45.2 | 49.3 | 44.1 |
| 03:55 AM - 04:00 AM | 44.9 | 49.0 | 44.0 |
| 04:00 AM - 04:05 AM | 47.2 | 55.8 | 44.5 |
| 04:05 AM - 04:10 AM | 47.9 | 54.7 | 44.6 |
| 04:10 AM - 04:15 AM | 46.6 | 52.2 | 44.3 |
| 04:15 AM - 04:20 AM | 48.7 | 63.8 | 44.2 |
| 04:20 AM - 04:25 AM | 46.7 | 55.8 | 44.3 |
| 04:25 AM - 04:30 AM | 47.2 | 54.4 | 44.7 |
| 04:30 AM - 04:35 AM | 47.3 | 56.9 | 44.7 |
| 04:35 AM - 04:40 AM | 46.6 | 51.8 | 43.9 |
| 04:40 AM - 04:45 AM | 56.1 | 71.6 | 44.0 |
| 04:45 AM - 04:50 AM | 46.4 | 56.8 | 43.8 |
| 04:50 AM - 04:55 AM | 44.8 | 52.3 | 43.3 |
| 04:55 AM - 05:00 AM | 45.2 | 56.1 | 43.4 |
| 05:00 AM - 05:05 AM | 45.3 | 52.7 | 43.4 |
| 05:05 AM - 05:10 AM | 57.1 | 71.5 | 43.8 |
| 05:10 AM - 05:15 AM | 50.5 | 71.3 | 43.9 |
| 05:15 AM - 05:20 AM | 45.7 | 55.2 | 44.0 |
| 05:20 AM - 05:25 AM | 46.3 | 54.7 | 44.6 |
| 05:25 AM - 05:30 AM | 46.2 | 52.9 | 44.3 |
| 05:30 AM - 05:35 AM | 55.4 | 72.2 | 44.5 |
| 05:35 AM - 05:40 AM | 46.7 | 56.9 | 44.5 |
| 05:40 AM - 05:45 AM | 49.2 | 71.1 | 45.0 |
| 05:45 AM - 05:50 AM | 55.4 | 72.0 | 45.3 |
| 05:50 AM - 05:55 AM | 57.6 | 75.5 | 45.6 |
| 05:55 AM - 06:00 AM | 59.1 | 73.9 | 45.9 |
| 06:00 AM - 07:00 AM | 53.6 | 75.0 | 46.7 |
| 07:00 AM - 08:00 AM | 49.3 | 70.5 | 46.5 |
| 08:00 AM - 09:00 AM | 49.5 | 79.1 | 42.5 |
| 09:00 AM - 10:00 AM | 47.5 | 74.1 | 39.5 |
| 10:00 AM - 11:00 AM | 41.8 | 60.4 | 37.5 |
| 11:00 AM - 12:00 PM | 40.3 | 70.5 | 34.6 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854831-1



**Sample No.** 23128880-6
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 38.5 | 56.3 | 34.2 |
| 01:00 PM - 02:00 PM | 41.3 | 61.0 | 36.6 |
| 02:00 PM - 03:00 PM | 52.3 | 80.7 | 37.1 |
| 03:00 PM - 04:00 PM | 44.0 | 65.1 | 39.8 |
| 04:00 PM - 05:00 PM | 45.7 | 73.7 | 41.7 |
| 05:00 PM - 06:00 PM | 46.7 | 63.7 | 43.4 |
| 06:00 PM - 07:00 PM | 48.2 | 61.1 | 46.4 |
| 07:00 PM - 08:00 PM | 47.9 | 59.3 | 46.4 |
| 08:00 PM - 09:00 PM | 52.2 | 82.7 | 46.7 |
| 09:00 PM - 10:00 PM | 50.5 | 73.1 | 46.7 |
| 10:00 PM - 10:05 PM | 53.6 | 69.9 | 46.5 |
| 10:05 PM - 10:10 PM | 48.1 | 55.6 | 46.7 |
| 10:10 PM - 10:15 PM | 48.0 | 60.8 | 46.5 |
| 10:15 PM - 10:20 PM | 47.3 | 56.0 | 46.1 |
| 10:20 PM - 10:25 PM | 47.4 | 55.4 | 45.9 |
| 10:25 PM - 10:30 PM | 51.0 | 74.4 | 45.3 |
| 10:30 PM - 10:35 PM | 46.8 | 51.0 | 45.7 |
| 10:35 PM - 10:40 PM | 47.3 | 55.0 | 46.1 |
| 10:40 PM - 10:45 PM | 46.8 | 55.3 | 45.5 |
| 10:45 PM - 10:50 PM | 46.6 | 52.8 | 45.3 |
| 10:50 PM - 10:55 PM | 46.9 | 57.2 | 46.0 |
| 10:55 PM - 11:00 PM | 46.9 | 55.2 | 45.8 |
| 11:00 PM - 11:05 PM | 48.4 | 66.1 | 45.4 |
| 11:05 PM - 11:10 PM | 46.3 | 48.2 | 45.5 |
| 11:10 PM - 11:15 PM | 46.8 | 51.6 | 45.9 |
| 11:15 PM - 11:20 PM | 46.7 | 51.5 | 45.8 |
| 11:20 PM - 11:25 PM | 46.4 | 49.3 | 45.6 |
| 11:25 PM - 11:30 PM | 46.5 | 51.1 | 45.2 |
| 11:30 PM - 11:35 PM | 46.0 | 49.1 | 45.0 |
| 11:35 PM - 11:40 PM | 45.9 | 49.6 | 45.2 |
| 11:40 PM - 11:45 PM | 45.6 | 60.5 | 44.6 |
| 11:45 PM - 11:50 PM | 45.6 | 52.2 | 44.7 |
| 11:50 PM - 11:55 PM | 45.3 | 48.1 | 44.6 |
| 11:55 PM - 12:00 AM | 44.7 | 49.5 | 43.9 |
| 12:00 AM - 12:05 AM | 44.4 | 54.7 | 43.3 |
| 12:05 AM - 12:10 AM | 45.0 | 51.9 | 43.9 |
| 12:10 AM - 12:15 AM | 44.8 | 47.0 | 44.1 |
| 12:15 AM - 12:20 AM | 45.2 | 47.4 | 44.4 |
| 12:20 AM - 12:25 AM | 45.3 | 58.0 | 44.3 |
| 12:25 AM - 12:30 AM | 45.1 | 48.7 | 44.2 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854831-1



**Sample No.** 23128880-6
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:30 AM - 12:35 AM | 46.3 | 58.0 | 45.2 |
| 12:35 AM - 12:40 AM | 46.8 | 52.6 | 45.8 |
| 12:40 AM - 12:45 AM | 47.0 | 53.8 | 46.2 |
| 12:45 AM - 12:50 AM | 48.0 | 56.2 | 46.8 |
| 12:50 AM - 12:55 AM | 47.2 | 56.0 | 46.1 |
| 12:55 AM - 01:00 AM | 46.3 | 55.1 | 45.5 |
| 01:00 AM - 01:05 AM | 46.4 | 53.4 | 45.6 |
| 01:05 AM - 01:10 AM | 46.4 | 52.8 | 45.5 |
| 01:10 AM - 01:15 AM | 46.0 | 52.9 | 45.2 |
| 01:15 AM - 01:20 AM | 46.8 | 55.5 | 44.4 |
| 01:20 AM - 01:25 AM | 46.1 | 50.2 | 45.2 |
| 01:25 AM - 01:30 AM | 46.5 | 51.6 | 45.3 |
| 01:30 AM - 01:35 AM | 47.4 | 51.4 | 46.5 |
| 01:35 AM - 01:40 AM | 47.5 | 51.9 | 46.8 |
| 01:40 AM - 01:45 AM | 48.2 | 59.2 | 46.7 |
| 01:45 AM - 01:50 AM | 47.2 | 50.5 | 46.4 |
| 01:50 AM - 01:55 AM | 47.3 | 50.1 | 46.4 |
| 01:55 AM - 02:00 AM | 47.4 | 51.9 | 46.4 |
| 02:00 AM - 02:05 AM | 46.5 | 50.4 | 45.4 |
| 02:05 AM - 02:10 AM | 47.1 | 59.1 | 46.0 |
| 02:10 AM - 02:15 AM | 47.9 | 57.5 | 46.3 |
| 02:15 AM - 02:20 AM | 46.3 | 49.8 | 45.1 |
| 02:20 AM - 02:25 AM | 45.9 | 48.4 | 44.9 |
| 02:25 AM - 02:30 AM | 47.5 | 56.7 | 45.5 |
| 02:30 AM - 02:35 AM | 48.5 | 57.2 | 45.2 |
| 02:35 AM - 02:40 AM | 47.2 | 58.3 | 44.9 |
| 02:40 AM - 02:45 AM | 46.5 | 61.1 | 44.6 |
| 02:45 AM - 02:50 AM | 45.5 | 50.7 | 44.6 |
| 02:50 AM - 02:55 AM | 45.7 | 56.9 | 44.5 |
| 02:55 AM - 03:00 AM | 44.9 | 55.3 | 43.5 |
| 03:00 AM - 03:05 AM | 44.7 | 54.3 | 43.4 |
| 03:05 AM - 03:10 AM | 45.3 | 48.4 | 44.4 |
| 03:10 AM - 03:15 AM | 48.0 | 70.3 | 44.4 |
| 03:15 AM - 03:20 AM | 56.8 | 72.0 | 43.7 |
| 03:20 AM - 03:25 AM | 45.3 | 52.5 | 44.3 |
| 03:25 AM - 03:30 AM | 45.7 | 48.9 | 44.8 |
| 03:30 AM - 03:35 AM | 45.4 | 53.3 | 44.5 |
| 03:35 AM - 03:40 AM | 45.4 | 58.0 | 44.0 |
| 03:40 AM - 03:45 AM | 51.2 | 64.3 | 44.7 |
| 03:45 AM - 03:50 AM | 46.2 | 58.7 | 44.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854831-1



**Sample No.** 23128880-6
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:50 AM - 03:55 AM | 46.1 | 53.7 | 44.0 |
| 03:55 AM - 04:00 AM | 43.8 | 52.1 | 42.7 |
| 04:00 AM - 04:05 AM | 44.4 | 57.2 | 42.4 |
| 04:05 AM - 04:10 AM | 44.8 | 56.3 | 43.2 |
| 04:10 AM - 04:15 AM | 43.8 | 46.8 | 42.9 |
| 04:15 AM - 04:20 AM | 44.6 | 49.2 | 43.2 |
| 04:20 AM - 04:25 AM | 45.0 | 52.3 | 43.5 |
| 04:25 AM - 04:30 AM | 58.2 | 72.2 | 44.0 |
| 04:30 AM - 04:35 AM | 45.0 | 54.0 | 43.8 |
| 04:35 AM - 04:40 AM | 44.9 | 53.3 | 43.5 |
| 04:40 AM - 04:45 AM | 44.7 | 54.0 | 43.0 |
| 04:45 AM - 04:50 AM | 44.6 | 55.2 | 43.1 |
| 04:50 AM - 04:55 AM | 44.0 | 52.8 | 42.8 |
| 04:55 AM - 05:00 AM | 45.0 | 55.7 | 43.1 |
| 05:00 AM - 05:05 AM | 47.9 | 59.5 | 43.9 |
| 05:05 AM - 05:10 AM | 45.8 | 53.6 | 44.3 |
| 05:10 AM - 05:15 AM | 46.3 | 53.4 | 44.2 |
| 05:15 AM - 05:20 AM | 57.5 | 73.7 | 44.5 |
| 05:20 AM - 05:25 AM | 55.8 | 74.1 | 44.7 |
| 05:25 AM - 05:30 AM | 47.0 | 54.7 | 45.4 |
| 05:30 AM - 05:35 AM | 47.8 | 55.2 | 45.5 |
| 05:35 AM - 05:40 AM | 46.3 | 53.1 | 45.2 |
| 05:40 AM - 05:45 AM | 46.4 | 54.8 | 44.4 |
| 05:45 AM - 05:50 AM | 48.0 | 57.7 | 45.3 |
| 05:50 AM - 05:55 AM | 60.0 | 73.8 | 45.5 |
| 05:55 AM - 06:00 AM | 57.7 | 74.0 | 45.7 |
| 06:00 AM - 07:00 AM | 53.4 | 75.6 | 46.3 |
| 07:00 AM - 08:00 AM | 49.2 | 64.5 | 46.6 |
| 08:00 AM - 09:00 AM | 45.8 | 58.9 | 42.8 |
| 09:00 AM - 10:00 AM | 44.5 | 70.5 | 40.2 |
| 10:00 AM - 11:00 AM | 42.7 | 60.7 | 38.5 |
| 11:00 AM - 12:00 PM | 44.7 | 71.2 | 37.7 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854832-1



**Sample No.** 23128880-7
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:00 PM - 01:00 PM | 41.3 | 66.6 | 36.3 |
| 01:00 PM - 02:00 PM | 41.1 | 61.3 | 36.6 |
| 02:00 PM - 03:00 PM | 43.3 | 63.8 | 38.6 |
| 03:00 PM - 04:00 PM | 53.0 | 81.2 | 40.0 |
| 04:00 PM - 05:00 PM | 46.6 | 72.8 | 43.5 |
| 05:00 PM - 06:00 PM | 49.0 | 65.2 | 46.5 |
| 06:00 PM - 07:00 PM | 53.6 | 77.1 | 48.5 |
| 07:00 PM - 08:00 PM | 51.8 | 64.3 | 49.2 |
| 08:00 PM - 09:00 PM | 49.5 | 64.8 | 48.2 |
| 09:00 PM - 10:00 PM | 48.5 | 62.0 | 47.0 |
| 10:00 PM - 10:05 PM | 49.3 | 60.8 | 46.5 |
| 10:05 PM - 10:10 PM | 49.2 | 55.5 | 47.2 |
| 10:10 PM - 10:15 PM | 48.6 | 53.8 | 47.5 |
| 10:15 PM - 10:20 PM | 49.8 | 55.1 | 47.2 |
| 10:20 PM - 10:25 PM | 49.1 | 54.1 | 47.4 |
| 10:25 PM - 10:30 PM | 49.6 | 52.4 | 48.3 |
| 10:30 PM - 10:35 PM | 50.9 | 58.4 | 47.9 |
| 10:35 PM - 10:40 PM | 48.9 | 58.7 | 47.7 |
| 10:40 PM - 10:45 PM | 48.4 | 56.7 | 47.4 |
| 10:45 PM - 10:50 PM | 48.2 | 57.8 | 47.5 |
| 10:50 PM - 10:55 PM | 48.2 | 53.5 | 47.6 |
| 10:55 PM - 11:00 PM | 49.0 | 51.8 | 47.4 |
| 11:00 PM - 11:05 PM | 49.3 | 62.6 | 47.9 |
| 11:05 PM - 11:10 PM | 48.5 | 51.0 | 47.3 |
| 11:10 PM - 11:15 PM | 47.7 | 52.7 | 47.0 |
| 11:15 PM - 11:20 PM | 48.6 | 58.5 | 46.9 |
| 11:20 PM - 11:25 PM | 48.0 | 50.7 | 47.2 |
| 11:25 PM - 11:30 PM | 48.2 | 55.3 | 47.2 |
| 11:30 PM - 11:35 PM | 49.8 | 60.3 | 47.0 |
| 11:35 PM - 11:40 PM | 54.7 | 62.2 | 46.8 |
| 11:40 PM - 11:45 PM | 48.2 | 55.6 | 46.5 |
| 11:45 PM - 11:50 PM | 48.6 | 64.0 | 46.7 |
| 11:50 PM - 11:55 PM | 46.7 | 50.2 | 45.7 |
| 11:55 PM - 12:00 AM | 47.1 | 54.5 | 46.0 |
| 12:00 AM - 12:05 AM | 46.8 | 52.6 | 45.5 |
| 12:05 AM - 12:10 AM | 46.1 | 50.4 | 45.4 |
| 12:10 AM - 12:15 AM | 47.7 | 57.5 | 45.8 |
| 12:15 AM - 12:20 AM | 48.9 | 61.4 | 46.0 |
| 12:20 AM - 12:25 AM | 47.8 | 64.4 | 46.0 |
| 12:25 AM - 12:30 AM | 46.9 | 56.1 | 45.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854832-1



**Sample No.** 23128880-7
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:30 AM - 12:35 AM | 49.6 | 65.8 | 46.1 |
| 12:35 AM - 12:40 AM | 49.0 | 66.1 | 46.4 |
| 12:40 AM - 12:45 AM | 47.2 | 53.6 | 45.7 |
| 12:45 AM - 12:50 AM | 47.8 | 56.4 | 46.2 |
| 12:50 AM - 12:55 AM | 46.8 | 51.6 | 46.0 |
| 12:55 AM - 01:00 AM | 48.7 | 61.5 | 47.0 |
| 01:00 AM - 01:05 AM | 47.5 | 52.0 | 46.6 |
| 01:05 AM - 01:10 AM | 47.6 | 55.2 | 46.6 |
| 01:10 AM - 01:15 AM | 47.5 | 52.5 | 46.8 |
| 01:15 AM - 01:20 AM | 47.1 | 51.8 | 46.2 |
| 01:20 AM - 01:25 AM | 48.2 | 62.5 | 46.1 |
| 01:25 AM - 01:30 AM | 47.2 | 56.3 | 46.5 |
| 01:30 AM - 01:35 AM | 46.9 | 52.4 | 46.1 |
| 01:35 AM - 01:40 AM | 56.3 | 72.6 | 46.0 |
| 01:40 AM - 01:45 AM | 53.9 | 72.0 | 46.0 |
| 01:45 AM - 01:50 AM | 46.8 | 49.6 | 46.0 |
| 01:50 AM - 01:55 AM | 46.9 | 49.5 | 46.2 |
| 01:55 AM - 02:00 AM | 47.2 | 53.7 | 46.3 |
| 02:00 AM - 02:05 AM | 47.0 | 50.0 | 46.2 |
| 02:05 AM - 02:10 AM | 47.2 | 49.4 | 46.3 |
| 02:10 AM - 02:15 AM | 47.3 | 59.7 | 46.0 |
| 02:15 AM - 02:20 AM | 46.5 | 53.0 | 45.5 |
| 02:20 AM - 02:25 AM | 46.2 | 53.7 | 45.0 |
| 02:25 AM - 02:30 AM | 46.3 | 51.9 | 45.3 |
| 02:30 AM - 02:35 AM | 46.3 | 48.8 | 45.5 |
| 02:35 AM - 02:40 AM | 46.7 | 55.5 | 45.6 |
| 02:40 AM - 02:45 AM | 47.0 | 50.5 | 45.7 |
| 02:45 AM - 02:50 AM | 48.7 | 65.3 | 46.6 |
| 02:50 AM - 02:55 AM | 47.9 | 58.1 | 46.6 |
| 02:55 AM - 03:00 AM | 46.7 | 51.6 | 45.3 |
| 03:00 AM - 03:05 AM | 46.9 | 54.3 | 45.1 |
| 03:05 AM - 03:10 AM | 47.9 | 52.5 | 46.4 |
| 03:10 AM - 03:15 AM | 47.9 | 51.4 | 46.9 |
| 03:15 AM - 03:20 AM | 48.3 | 52.7 | 47.3 |
| 03:20 AM - 03:25 AM | 48.0 | 51.9 | 47.2 |
| 03:25 AM - 03:30 AM | 48.3 | 62.6 | 47.4 |
| 03:30 AM - 03:35 AM | 48.8 | 54.2 | 47.5 |
| 03:35 AM - 03:40 AM | 47.6 | 52.9 | 46.6 |
| 03:40 AM - 03:45 AM | 48.1 | 58.9 | 46.4 |
| 03:45 AM - 03:50 AM | 48.0 | 52.7 | 46.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854832-1



**Sample No.** 23128880-7
**Parameter** Noise
**Location** บ้านหัวทุ่ง (N1) (GPS 47P 0751418, 1421930) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00900074

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:50 AM - 03:55 AM | 57.4 | 71.9 | 46.7 |
| 03:55 AM - 04:00 AM | 48.4 | 54.6 | 46.6 |
| 04:00 AM - 04:05 AM | 49.0 | 55.8 | 47.9 |
| 04:05 AM - 04:10 AM | 48.4 | 52.9 | 47.4 |
| 04:10 AM - 04:15 AM | 48.5 | 52.4 | 47.5 |
| 04:15 AM - 04:20 AM | 53.1 | 73.0 | 47.1 |
| 04:20 AM - 04:25 AM | 48.0 | 55.0 | 47.0 |
| 04:25 AM - 04:30 AM | 48.5 | 60.3 | 47.1 |
| 04:30 AM - 04:35 AM | 49.3 | 59.9 | 47.1 |
| 04:35 AM - 04:40 AM | 47.5 | 57.9 | 46.0 |
| 04:40 AM - 04:45 AM | 46.8 | 53.7 | 45.6 |
| 04:45 AM - 04:50 AM | 47.0 | 55.6 | 45.5 |
| 04:50 AM - 04:55 AM | 55.8 | 71.8 | 46.4 |
| 04:55 AM - 05:00 AM | 55.9 | 72.5 | 47.2 |
| 05:00 AM - 05:05 AM | 48.7 | 54.3 | 47.2 |
| 05:05 AM - 05:10 AM | 48.5 | 58.1 | 46.8 |
| 05:10 AM - 05:15 AM | 48.0 | 51.1 | 46.4 |
| 05:15 AM - 05:20 AM | 48.4 | 56.3 | 46.2 |
| 05:20 AM - 05:25 AM | 48.6 | 56.3 | 46.3 |
| 05:25 AM - 05:30 AM | 59.1 | 73.4 | 46.6 |
| 05:30 AM - 05:35 AM | 48.2 | 68.7 | 46.7 |
| 05:35 AM - 05:40 AM | 48.4 | 55.9 | 46.7 |
| 05:40 AM - 05:45 AM | 51.3 | 62.5 | 47.8 |
| 05:45 AM - 05:50 AM | 52.7 | 66.9 | 48.6 |
| 05:50 AM - 05:55 AM | 59.7 | 74.0 | 48.7 |
| 05:55 AM - 06:00 AM | 59.0 | 74.0 | 49.8 |
| 06:00 AM - 07:00 AM | 54.4 | 75.4 | 47.3 |
| 07:00 AM - 08:00 AM | 46.4 | 67.6 | 42.9 |
| 08:00 AM - 09:00 AM | 50.9 | 80.3 | 41.3 |
| 09:00 AM - 10:00 AM | 44.5 | 68.7 | 40.5 |
| 10:00 AM - 11:00 AM | 49.4 | 78.7 | 39.4 |
| 10:00 AM - 11:00 AM | 44.1 | 62.4 | 39.7 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854833-1



**Sample No.** 23128880-8
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 55.9 | 79.0 | 45.2 |
| 12:00 PM - 01:00 PM | 53.7 | 75.7 | 43.0 |
| 01:00 PM - 02:00 PM | 54.9 | 78.2 | 43.7 |
| 02:00 PM - 03:00 PM | 57.9 | 81.8 | 45.3 |
| 03:00 PM - 04:00 PM | 57.2 | 81.1 | 45.2 |
| 04:00 PM - 05:00 PM | 57.3 | 81.4 | 45.9 |
| 05:00 PM - 06:00 PM | 55.9 | 75.3 | 47.7 |
| 06:00 PM - 07:00 PM | 55.1 | 80.9 | 47.5 |
| 07:00 PM - 08:00 PM | 52.5 | 74.0 | 46.1 |
| 08:00 PM - 09:00 PM | 49.4 | 69.4 | 45.0 |
| 09:00 PM - 10:00 PM | 47.9 | 69.1 | 44.1 |
| 10:00 PM - 10:05 PM | 44.9 | 53.1 | 43.4 |
| 10:05 PM - 10:10 PM | 46.3 | 61.0 | 43.8 |
| 10:10 PM - 10:15 PM | 46.3 | 55.5 | 43.5 |
| 10:15 PM - 10:20 PM | 47.8 | 62.7 | 43.4 |
| 10:20 PM - 10:25 PM | 44.5 | 52.2 | 43.4 |
| 10:25 PM - 10:30 PM | 44.6 | 53.4 | 42.6 |
| 10:30 PM - 10:35 PM | 43.5 | 46.0 | 42.8 |
| 10:35 PM - 10:40 PM | 44.8 | 56.1 | 42.9 |
| 10:40 PM - 10:45 PM | 43.8 | 47.3 | 42.7 |
| 10:45 PM - 10:50 PM | 46.7 | 60.1 | 42.6 |
| 10:50 PM - 10:55 PM | 51.9 | 65.1 | 42.1 |
| 10:55 PM - 11:00 PM | 46.5 | 62.1 | 41.9 |
| 11:00 PM - 11:05 PM | 47.9 | 63.6 | 42.8 |
| 11:05 PM - 11:10 PM | 45.9 | 55.4 | 42.1 |
| 11:10 PM - 11:15 PM | 42.4 | 45.2 | 41.2 |
| 11:15 PM - 11:20 PM | 47.7 | 60.3 | 41.9 |
| 11:20 PM - 11:25 PM | 45.2 | 57.0 | 41.2 |
| 11:25 PM - 11:30 PM | 42.6 | 47.1 | 41.4 |
| 11:30 PM - 11:35 PM | 44.6 | 58.1 | 41.7 |
| 11:35 PM - 11:40 PM | 44.9 | 60.0 | 41.4 |
| 11:40 PM - 11:45 PM | 44.4 | 57.1 | 41.2 |
| 11:45 PM - 11:50 PM | 42.8 | 49.8 | 41.6 |
| 11:50 PM - 11:55 PM | 42.2 | 45.7 | 41.3 |
| 11:55 PM - 12:00 AM | 44.3 | 56.3 | 41.5 |
| 12:00 AM - 12:05 AM | 41.9 | 47.1 | 41.0 |
| 12:05 AM - 12:10 AM | 42.8 | 48.6 | 41.3 |
| 12:10 AM - 12:15 AM | 45.0 | 58.9 | 41.7 |
| 12:15 AM - 12:20 AM | 46.3 | 58.2 | 41.8 |
| 12:20 AM - 12:25 AM | 42.9 | 47.1 | 41.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854833-1



**Sample No.** 23128880-8
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:25 AM - 12:30 AM | 45.4 | 58.2 | 41.5 |
| 12:30 AM - 12:35 AM | 43.8 | 52.5 | 41.4 |
| 12:35 AM - 12:40 AM | 53.7 | 73.7 | 41.4 |
| 12:40 AM - 12:45 AM | 43.7 | 58.6 | 40.3 |
| 12:45 AM - 12:50 AM | 43.8 | 57.0 | 40.4 |
| 12:50 AM - 12:55 AM | 41.8 | 44.5 | 40.3 |
| 12:55 AM - 01:00 AM | 42.3 | 45.3 | 40.5 |
| 01:00 AM - 01:05 AM | 42.4 | 46.1 | 40.2 |
| 01:05 AM - 01:10 AM | 45.5 | 57.8 | 41.1 |
| 01:10 AM - 01:15 AM | 42.1 | 49.9 | 40.4 |
| 01:15 AM - 01:20 AM | 43.2 | 53.4 | 40.6 |
| 01:20 AM - 01:25 AM | 41.5 | 45.1 | 40.6 |
| 01:25 AM - 01:30 AM | 47.2 | 58.8 | 40.7 |
| 01:30 AM - 01:35 AM | 43.6 | 54.9 | 40.8 |
| 01:35 AM - 01:40 AM | 42.1 | 51.1 | 40.6 |
| 01:40 AM - 01:45 AM | 43.0 | 53.3 | 40.4 |
| 01:45 AM - 01:50 AM | 43.9 | 55.8 | 40.9 |
| 01:50 AM - 01:55 AM | 49.3 | 69.4 | 41.0 |
| 01:55 AM - 02:00 AM | 46.3 | 62.3 | 40.6 |
| 02:00 AM - 02:05 AM | 40.9 | 43.7 | 40.1 |
| 02:05 AM - 02:10 AM | 41.0 | 43.5 | 40.3 |
| 02:10 AM - 02:15 AM | 46.7 | 58.1 | 40.0 |
| 02:15 AM - 02:20 AM | 41.1 | 51.2 | 39.8 |
| 02:20 AM - 02:25 AM | 43.6 | 57.0 | 40.4 |
| 02:25 AM - 02:30 AM | 42.6 | 52.0 | 40.7 |
| 02:30 AM - 02:35 AM | 43.4 | 55.1 | 41.2 |
| 02:35 AM - 02:40 AM | 44.0 | 46.9 | 43.1 |
| 02:40 AM - 02:45 AM | 43.9 | 51.4 | 42.7 |
| 02:45 AM - 02:50 AM | 44.9 | 56.2 | 42.3 |
| 02:50 AM - 02:55 AM | 44.1 | 57.4 | 41.7 |
| 02:55 AM - 03:00 AM | 42.5 | 44.3 | 42.0 |
| 03:00 AM - 03:05 AM | 44.0 | 54.7 | 41.8 |
| 03:05 AM - 03:10 AM | 42.2 | 54.8 | 41.3 |
| 03:10 AM - 03:15 AM | 43.7 | 54.7 | 41.9 |
| 03:15 AM - 03:20 AM | 43.6 | 54.1 | 42.0 |
| 03:20 AM - 03:25 AM | 43.5 | 54.1 | 42.0 |
| 03:25 AM - 03:30 AM | 42.4 | 44.6 | 41.9 |
| 03:30 AM - 03:35 AM | 42.1 | 46.0 | 41.4 |
| 03:35 AM - 03:40 AM | 42.9 | 54.3 | 41.6 |
| 03:40 AM - 03:45 AM | 47.7 | 58.8 | 41.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854833-1



**Sample No.** 23128880-8
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:45 AM - 03:50 AM | 47.5 | 58.7 | 41.7 |
| 03:50 AM - 03:55 AM | 42.9 | 51.5 | 41.7 |
| 03:55 AM - 04:00 AM | 43.5 | 58.1 | 41.8 |
| 04:00 AM - 04:05 AM | 45.2 | 58.3 | 42.2 |
| 04:05 AM - 04:10 AM | 51.2 | 68.7 | 42.4 |
| 04:10 AM - 04:15 AM | 43.0 | 50.5 | 42.0 |
| 04:15 AM - 04:20 AM | 45.1 | 57.6 | 42.4 |
| 04:20 AM - 04:25 AM | 44.7 | 55.6 | 42.4 |
| 04:25 AM - 04:30 AM | 44.9 | 57.1 | 42.2 |
| 04:30 AM - 04:35 AM | 46.0 | 58.2 | 42.0 |
| 04:35 AM - 04:40 AM | 49.1 | 59.8 | 42.7 |
| 04:40 AM - 04:45 AM | 44.7 | 53.6 | 42.8 |
| 04:45 AM - 04:50 AM | 49.2 | 60.3 | 43.4 |
| 04:50 AM - 04:55 AM | 48.9 | 60.4 | 43.5 |
| 04:55 AM - 05:00 AM | 48.9 | 60.6 | 43.4 |
| 05:00 AM - 05:05 AM | 50.3 | 69.4 | 43.1 |
| 05:05 AM - 05:10 AM | 48.9 | 60.5 | 43.4 |
| 05:10 AM - 05:15 AM | 48.0 | 59.9 | 43.6 |
| 05:15 AM - 05:20 AM | 48.5 | 59.4 | 43.5 |
| 05:20 AM - 05:25 AM | 48.9 | 61.2 | 43.9 |
| 05:25 AM - 05:30 AM | 49.3 | 60.2 | 44.4 |
| 05:30 AM - 05:35 AM | 52.7 | 70.1 | 44.6 |
| 05:35 AM - 05:40 AM | 59.0 | 72.0 | 44.9 |
| 05:40 AM - 05:45 AM | 54.0 | 64.9 | 45.8 |
| 05:45 AM - 05:50 AM | 53.5 | 63.0 | 45.8 |
| 05:50 AM - 05:55 AM | 54.0 | 63.7 | 46.8 |
| 05:55 AM - 06:00 AM | 52.6 | 63.4 | 46.0 |
| 06:00 AM - 07:00 AM | 52.7 | 76.0 | 44.3 |
| 07:00 AM - 08:00 AM | 53.9 | 70.6 | 46.3 |
| 08:00 AM - 09:00 AM | 56.6 | 81.9 | 45.1 |
| 09:00 AM - 10:00 AM | 60.0 | 81.4 | 47.5 |
| 10:00 AM - 11:00 AM | 58.8 | 90.1 | 45.3 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854834-1



**Sample No.** 23128880-9
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 57.9 | 80.0 | 46.4 |
| 12:00 PM - 01:00 PM | 56.9 | 81.8 | 47.8 |
| 01:00 PM - 02:00 PM | 58.7 | 83.0 | 46.2 |
| 02:00 PM - 03:00 PM | 58.1 | 80.7 | 46.4 |
| 03:00 PM - 04:00 PM | 57.4 | 78.0 | 46.8 |
| 04:00 PM - 05:00 PM | 54.1 | 72.0 | 47.4 |
| 05:00 PM - 06:00 PM | 54.6 | 74.0 | 48.0 |
| 06:00 PM - 07:00 PM | 52.1 | 68.6 | 46.8 |
| 07:00 PM - 08:00 PM | 49.3 | 67.1 | 44.8 |
| 08:00 PM - 09:00 PM | 50.3 | 69.3 | 43.8 |
| 09:00 PM - 10:00 PM | 49.7 | 72.4 | 43.6 |
| 10:00 PM - 10:05 PM | 44.1 | 49.8 | 43.2 |
| 10:05 PM - 10:10 PM | 46.8 | 60.8 | 42.9 |
| 10:10 PM - 10:15 PM | 49.0 | 65.5 | 43.2 |
| 10:15 PM - 10:20 PM | 44.9 | 57.0 | 43.1 |
| 10:20 PM - 10:25 PM | 52.7 | 66.2 | 44.0 |
| 10:25 PM - 10:30 PM | 45.9 | 59.1 | 42.8 |
| 10:30 PM - 10:35 PM | 48.9 | 64.3 | 42.8 |
| 10:35 PM - 10:40 PM | 46.8 | 61.1 | 43.1 |
| 10:40 PM - 10:45 PM | 46.6 | 57.6 | 43.1 |
| 10:45 PM - 10:50 PM | 44.2 | 49.5 | 43.3 |
| 10:50 PM - 10:55 PM | 45.4 | 54.8 | 42.8 |
| 10:55 PM - 11:00 PM | 43.9 | 51.9 | 42.6 |
| 11:00 PM - 11:05 PM | 46.7 | 55.1 | 43.3 |
| 11:05 PM - 11:10 PM | 44.2 | 53.4 | 42.8 |
| 11:10 PM - 11:15 PM | 44.0 | 45.8 | 43.1 |
| 11:15 PM - 11:20 PM | 45.3 | 56.3 | 43.2 |
| 11:20 PM - 11:25 PM | 45.7 | 58.9 | 42.6 |
| 11:25 PM - 11:30 PM | 44.3 | 57.4 | 42.4 |
| 11:30 PM - 11:35 PM | 44.4 | 56.4 | 40.3 |
| 11:35 PM - 11:40 PM | 46.7 | 61.0 | 41.0 |
| 11:40 PM - 11:45 PM | 47.7 | 61.3 | 42.4 |
| 11:45 PM - 11:50 PM | 43.5 | 57.1 | 41.6 |
| 11:50 PM - 11:55 PM | 45.8 | 65.9 | 41.8 |
| 11:55 PM - 12:00 AM | 45.6 | 57.7 | 42.0 |
| 12:00 AM - 12:05 AM | 42.6 | 45.9 | 41.7 |
| 12:05 AM - 12:10 AM | 44.4 | 57.2 | 41.2 |
| 12:10 AM - 12:15 AM | 44.7 | 58.9 | 41.3 |
| 12:15 AM - 12:20 AM | 42.9 | 51.3 | 41.5 |
| 12:20 AM - 12:25 AM | 43.4 | 51.9 | 41.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854834-1



**Sample No.** 23128880-9
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:25 AM - 12:30 AM | 42.4 | 44.5 | 41.6 |
| 12:30 AM - 12:35 AM | 41.6 | 44.5 | 40.6 |
| 12:35 AM - 12:40 AM | 45.9 | 61.8 | 40.7 |
| 12:40 AM - 12:45 AM | 41.8 | 47.0 | 40.8 |
| 12:45 AM - 12:50 AM | 50.9 | 70.3 | 41.0 |
| 12:50 AM - 12:55 AM | 46.9 | 63.4 | 40.4 |
| 12:55 AM - 01:00 AM | 47.2 | 58.6 | 40.6 |
| 01:00 AM - 01:05 AM | 45.6 | 60.6 | 41.9 |
| 01:05 AM - 01:10 AM | 44.0 | 55.3 | 41.6 |
| 01:10 AM - 01:15 AM | 43.0 | 45.6 | 41.9 |
| 01:15 AM - 01:20 AM | 45.8 | 61.0 | 41.6 |
| 01:20 AM - 01:25 AM | 44.7 | 55.7 | 41.5 |
| 01:25 AM - 01:30 AM | 43.9 | 51.9 | 41.7 |
| 01:30 AM - 01:35 AM | 43.6 | 53.5 | 41.1 |
| 01:35 AM - 01:40 AM | 45.4 | 63.7 | 41.2 |
| 01:40 AM - 01:45 AM | 44.6 | 61.0 | 40.8 |
| 01:45 AM - 01:50 AM | 44.0 | 56.5 | 41.2 |
| 01:50 AM - 01:55 AM | 44.1 | 60.0 | 41.5 |
| 01:55 AM - 02:00 AM | 42.9 | 52.2 | 41.6 |
| 02:00 AM - 02:05 AM | 45.2 | 59.3 | 41.1 |
| 02:05 AM - 02:10 AM | 42.9 | 49.3 | 41.5 |
| 02:10 AM - 02:15 AM | 41.4 | 45.7 | 40.8 |
| 02:15 AM - 02:20 AM | 41.5 | 43.7 | 40.9 |
| 02:20 AM - 02:25 AM | 41.8 | 48.0 | 41.1 |
| 02:25 AM - 02:30 AM | 45.8 | 60.3 | 41.0 |
| 02:30 AM - 02:35 AM | 41.7 | 43.7 | 41.1 |
| 02:35 AM - 02:40 AM | 41.6 | 43.2 | 41.1 |
| 02:40 AM - 02:45 AM | 42.1 | 46.6 | 41.2 |
| 02:45 AM - 02:50 AM | 44.1 | 54.6 | 41.1 |
| 02:50 AM - 02:55 AM | 43.0 | 59.2 | 41.2 |
| 02:55 AM - 03:00 AM | 44.4 | 56.0 | 41.4 |
| 03:00 AM - 03:05 AM | 45.8 | 59.9 | 41.7 |
| 03:05 AM - 03:10 AM | 43.3 | 50.9 | 41.2 |
| 03:10 AM - 03:15 AM | 42.9 | 52.3 | 41.1 |
| 03:15 AM - 03:20 AM | 47.9 | 62.9 | 41.9 |
| 03:20 AM - 03:25 AM | 43.2 | 53.9 | 40.7 |
| 03:25 AM - 03:30 AM | 42.1 | 44.7 | 41.1 |
| 03:30 AM - 03:35 AM | 42.2 | 53.2 | 41.3 |
| 03:35 AM - 03:40 AM | 56.2 | 73.3 | 41.6 |
| 03:40 AM - 03:45 AM | 44.4 | 57.4 | 41.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854834-1



**Sample No.** 23128880-9
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:45 AM - 03:50 AM | 43.9 | 50.1 | 42.5 |
| 03:50 AM - 03:55 AM | 44.8 | 55.5 | 42.3 |
| 03:55 AM - 04:00 AM | 43.5 | 52.8 | 42.2 |
| 04:00 AM - 04:05 AM | 48.0 | 58.6 | 42.3 |
| 04:05 AM - 04:10 AM | 44.8 | 56.1 | 42.7 |
| 04:10 AM - 04:15 AM | 45.6 | 50.4 | 43.8 |
| 04:15 AM - 04:20 AM | 46.2 | 59.4 | 42.5 |
| 04:20 AM - 04:25 AM | 46.8 | 59.7 | 43.1 |
| 04:25 AM - 04:30 AM | 50.5 | 61.4 | 42.9 |
| 04:30 AM - 04:35 AM | 47.3 | 60.7 | 42.9 |
| 04:35 AM - 04:40 AM | 50.9 | 61.5 | 43.6 |
| 04:40 AM - 04:45 AM | 50.3 | 61.9 | 43.3 |
| 04:45 AM - 04:50 AM | 46.2 | 58.3 | 43.0 |
| 04:50 AM - 04:55 AM | 49.1 | 61.3 | 43.3 |
| 04:55 AM - 05:00 AM | 49.5 | 61.9 | 43.6 |
| 05:00 AM - 05:05 AM | 49.4 | 61.5 | 43.9 |
| 05:05 AM - 05:10 AM | 49.3 | 59.8 | 44.1 |
| 05:10 AM - 05:15 AM | 47.8 | 57.4 | 43.6 |
| 05:15 AM - 05:20 AM | 53.1 | 63.5 | 44.1 |
| 05:20 AM - 05:25 AM | 48.4 | 58.9 | 44.2 |
| 05:25 AM - 05:30 AM | 48.5 | 61.8 | 44.0 |
| 05:30 AM - 05:35 AM | 50.9 | 61.9 | 44.7 |
| 05:35 AM - 05:40 AM | 51.8 | 61.3 | 45.3 |
| 05:40 AM - 05:45 AM | 52.4 | 61.9 | 45.4 |
| 05:45 AM - 05:50 AM | 54.0 | 66.8 | 45.5 |
| 05:50 AM - 05:55 AM | 52.8 | 62.6 | 46.1 |
| 05:55 AM - 06:00 AM | 51.7 | 62.4 | 46.2 |
| 06:00 AM - 07:00 AM | 55.5 | 86.9 | 44.5 |
| 07:00 AM - 08:00 AM | 53.7 | 72.3 | 44.7 |
| 08:00 AM - 09:00 AM | 57.9 | 86.8 | 44.3 |
| 09:00 AM - 10:00 AM | 52.4 | 75.9 | 43.8 |
| 10:00 AM - 11:00 AM | 53.8 | 75.8 | 44.5 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854835-1



**Sample No.** 23128880-10
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 52.8 | 73.5 | 45.6 |
| 12:00 PM - 01:00 PM | 54.1 | 79.1 | 46.3 |
| 01:00 PM - 02:00 PM | 54.2 | 76.5 | 46.1 |
| 02:00 PM - 03:00 PM | 54.9 | 77.8 | 45.9 |
| 03:00 PM - 04:00 PM | 54.3 | 76.4 | 46.0 |
| 04:00 PM - 05:00 PM | 54.2 | 76.2 | 45.8 |
| 05:00 PM - 06:00 PM | 53.0 | 76.2 | 46.6 |
| 06:00 PM - 07:00 PM | 50.5 | 70.2 | 46.8 |
| 07:00 PM - 08:00 PM | 51.9 | 75.8 | 46.7 |
| 08:00 PM - 09:00 PM | 46.8 | 63.0 | 43.5 |
| 09:00 PM - 10:00 PM | 46.8 | 66.5 | 42.2 |
| 10:00 PM - 10:05 PM | 44.8 | 59.3 | 41.7 |
| 10:05 PM - 10:10 PM | 44.6 | 57.6 | 41.4 |
| 10:10 PM - 10:15 PM | 43.6 | 56.0 | 41.7 |
| 10:15 PM - 10:20 PM | 43.4 | 54.3 | 41.3 |
| 10:20 PM - 10:25 PM | 42.7 | 53.1 | 41.5 |
| 10:25 PM - 10:30 PM | 44.4 | 58.6 | 41.4 |
| 10:30 PM - 10:35 PM | 44.4 | 61.5 | 41.0 |
| 10:35 PM - 10:40 PM | 42.0 | 47.0 | 40.9 |
| 10:40 PM - 10:45 PM | 44.6 | 58.2 | 41.3 |
| 10:45 PM - 10:50 PM | 46.1 | 61.9 | 41.2 |
| 10:50 PM - 10:55 PM | 42.3 | 50.9 | 41.1 |
| 10:55 PM - 11:00 PM | 45.2 | 57.2 | 41.3 |
| 11:00 PM - 11:05 PM | 44.7 | 58.5 | 40.8 |
| 11:05 PM - 11:10 PM | 45.1 | 57.5 | 40.8 |
| 11:10 PM - 11:15 PM | 43.7 | 56.8 | 40.5 |
| 11:15 PM - 11:20 PM | 42.4 | 53.0 | 40.8 |
| 11:20 PM - 11:25 PM | 42.8 | 55.0 | 41.2 |
| 11:25 PM - 11:30 PM | 41.9 | 47.9 | 41.1 |
| 11:30 PM - 11:35 PM | 42.3 | 51.7 | 40.9 |
| 11:35 PM - 11:40 PM | 45.1 | 58.2 | 41.5 |
| 11:40 PM - 11:45 PM | 42.9 | 51.3 | 41.6 |
| 11:45 PM - 11:50 PM | 44.5 | 56.8 | 42.0 |
| 11:50 PM - 11:55 PM | 44.8 | 58.8 | 42.0 |
| 11:55 PM - 12:00 AM | 44.6 | 56.4 | 42.2 |
| 12:00 AM - 12:05 AM | 42.4 | 45.9 | 41.7 |
| 12:05 AM - 12:10 AM | 42.9 | 50.9 | 41.4 |
| 12:10 AM - 12:15 AM | 55.9 | 76.3 | 41.6 |
| 12:15 AM - 12:20 AM | 42.1 | 48.3 | 41.2 |
| 12:20 AM - 12:25 AM | 54.3 | 70.1 | 41.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854835-1



**Sample No.** 23128880-10
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:25 AM - 12:30 AM | 45.5 | 62.8 | 41.0 |
| 12:30 AM - 12:35 AM | 44.9 | 58.1 | 41.3 |
| 12:35 AM - 12:40 AM | 53.3 | 73.4 | 40.9 |
| 12:40 AM - 12:45 AM | 52.4 | 69.9 | 40.6 |
| 12:45 AM - 12:50 AM | 48.1 | 60.7 | 40.7 |
| 12:50 AM - 12:55 AM | 40.8 | 42.7 | 40.2 |
| 12:55 AM - 01:00 AM | 43.5 | 59.0 | 40.4 |
| 01:00 AM - 01:05 AM | 41.3 | 49.8 | 40.2 |
| 01:05 AM - 01:10 AM | 41.1 | 48.3 | 40.2 |
| 01:10 AM - 01:15 AM | 45.2 | 56.7 | 41.0 |
| 01:15 AM - 01:20 AM | 44.5 | 57.3 | 40.7 |
| 01:20 AM - 01:25 AM | 41.1 | 44.0 | 40.3 |
| 01:25 AM - 01:30 AM | 43.1 | 57.7 | 40.7 |
| 01:30 AM - 01:35 AM | 41.5 | 46.2 | 40.8 |
| 01:35 AM - 01:40 AM | 41.3 | 44.9 | 40.5 |
| 01:40 AM - 01:45 AM | 41.4 | 45.8 | 40.6 |
| 01:45 AM - 01:50 AM | 42.6 | 52.6 | 40.8 |
| 01:50 AM - 01:55 AM | 46.4 | 57.6 | 40.8 |
| 01:55 AM - 02:00 AM | 40.9 | 46.2 | 40.0 |
| 02:00 AM - 02:05 AM | 41.4 | 52.3 | 40.1 |
| 02:05 AM - 02:10 AM | 40.9 | 46.4 | 40.0 |
| 02:10 AM - 02:15 AM | 41.8 | 56.2 | 39.8 |
| 02:15 AM - 02:20 AM | 40.7 | 48.1 | 39.9 |
| 02:20 AM - 02:25 AM | 42.7 | 52.6 | 40.0 |
| 02:25 AM - 02:30 AM | 43.1 | 56.3 | 39.9 |
| 02:30 AM - 02:35 AM | 42.3 | 52.9 | 40.1 |
| 02:35 AM - 02:40 AM | 41.6 | 55.7 | 39.8 |
| 02:40 AM - 02:45 AM | 40.8 | 47.6 | 40.0 |
| 02:45 AM - 02:50 AM | 41.0 | 43.2 | 40.4 |
| 02:50 AM - 02:55 AM | 41.0 | 43.7 | 40.4 |
| 02:55 AM - 03:00 AM | 45.1 | 59.0 | 40.5 |
| 03:00 AM - 03:05 AM | 44.2 | 58.3 | 40.1 |
| 03:05 AM - 03:10 AM | 44.3 | 57.5 | 40.7 |
| 03:10 AM - 03:15 AM | 41.5 | 53.0 | 40.4 |
| 03:15 AM - 03:20 AM | 41.3 | 47.6 | 40.3 |
| 03:20 AM - 03:25 AM | 43.6 | 56.2 | 41.1 |
| 03:25 AM - 03:30 AM | 41.7 | 53.0 | 40.4 |
| 03:30 AM - 03:35 AM | 47.4 | 65.2 | 40.8 |
| 03:35 AM - 03:40 AM | 40.7 | 47.9 | 39.4 |
| 03:40 AM - 03:45 AM | 42.1 | 55.7 | 40.2 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854835-1



**Sample No.** 23128880-10
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:45 AM - 03:50 AM | 47.7 | 59.7 | 41.1 |
| 03:50 AM - 03:55 AM | 45.7 | 59.2 | 40.4 |
| 03:55 AM - 04:00 AM | 43.6 | 54.0 | 41.1 |
| 04:00 AM - 04:05 AM | 43.6 | 57.0 | 40.9 |
| 04:05 AM - 04:10 AM | 45.1 | 57.7 | 42.0 |
| 04:10 AM - 04:15 AM | 47.3 | 58.4 | 42.2 |
| 04:15 AM - 04:20 AM | 48.4 | 62.1 | 42.7 |
| 04:20 AM - 04:25 AM | 46.0 | 58.6 | 42.7 |
| 04:25 AM - 04:30 AM | 44.9 | 60.4 | 42.2 |
| 04:30 AM - 04:35 AM | 48.2 | 59.5 | 42.8 |
| 04:35 AM - 04:40 AM | 48.0 | 59.0 | 43.0 |
| 04:40 AM - 04:45 AM | 47.2 | 60.1 | 41.9 |
| 04:45 AM - 04:50 AM | 43.2 | 54.9 | 41.5 |
| 04:50 AM - 04:55 AM | 49.7 | 60.2 | 43.2 |
| 04:55 AM - 05:00 AM | 47.4 | 62.4 | 42.4 |
| 05:00 AM - 05:05 AM | 44.9 | 54.5 | 42.6 |
| 05:05 AM - 05:10 AM | 49.3 | 61.2 | 43.4 |
| 05:10 AM - 05:15 AM | 50.5 | 63.9 | 43.3 |
| 05:15 AM - 05:20 AM | 50.4 | 60.8 | 43.4 |
| 05:20 AM - 05:25 AM | 50.4 | 61.1 | 43.7 |
| 05:25 AM - 05:30 AM | 51.0 | 67.4 | 43.6 |
| 05:30 AM - 05:35 AM | 50.2 | 61.4 | 43.7 |
| 05:35 AM - 05:40 AM | 50.8 | 61.6 | 43.9 |
| 05:40 AM - 05:45 AM | 51.8 | 65.9 | 44.5 |
| 05:45 AM - 05:50 AM | 53.6 | 63.7 | 46.0 |
| 05:50 AM - 05:55 AM | 53.5 | 64.6 | 45.9 |
| 05:55 AM - 06:00 AM | 52.6 | 63.4 | 46.3 |
| 06:00 AM - 07:00 AM | 51.3 | 70.4 | 44.9 |
| 07:00 AM - 08:00 AM | 52.4 | 67.7 | 45.5 |
| 08:00 AM - 09:00 AM | 52.8 | 72.6 | 45.5 |
| 09:00 AM - 10:00 AM | 53.5 | 73.3 | 45.8 |
| 10:00 AM - 11:00 AM | 52.3 | 77.3 | 44.7 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854836-1



**Sample No.** 23128880-11
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 53.7 | 77.5 | 44.9 |
| 12:00 PM - 01:00 PM | 50.5 | 68.9 | 44.2 |
| 01:00 PM - 02:00 PM | 50.3 | 70.1 | 44.2 |
| 02:00 PM - 03:00 PM | 53.9 | 77.8 | 44.0 |
| 03:00 PM - 04:00 PM | 49.3 | 70.6 | 42.3 |
| 04:00 PM - 05:00 PM | 49.8 | 65.2 | 43.1 |
| 05:00 PM - 06:00 PM | 51.1 | 68.5 | 43.4 |
| 06:00 PM - 07:00 PM | 49.7 | 70.3 | 44.1 |
| 07:00 PM - 08:00 PM | 47.9 | 72.7 | 44.5 |
| 08:00 PM - 09:00 PM | 48.2 | 66.4 | 43.8 |
| 09:00 PM - 10:00 PM | 47.5 | 63.0 | 43.6 |
| 10:00 PM - 10:05 PM | 47.4 | 60.5 | 43.2 |
| 10:05 PM - 10:10 PM | 44.2 | 49.9 | 43.1 |
| 10:10 PM - 10:15 PM | 51.6 | 70.4 | 43.4 |
| 10:15 PM - 10:20 PM | 44.8 | 54.0 | 43.3 |
| 10:20 PM - 10:25 PM | 45.7 | 54.7 | 43.5 |
| 10:25 PM - 10:30 PM | 43.9 | 48.4 | 43.1 |
| 10:30 PM - 10:35 PM | 47.1 | 59.4 | 43.4 |
| 10:35 PM - 10:40 PM | 49.6 | 63.3 | 43.7 |
| 10:40 PM - 10:45 PM | 47.9 | 59.9 | 43.8 |
| 10:45 PM - 10:50 PM | 44.4 | 52.1 | 43.0 |
| 10:50 PM - 10:55 PM | 47.6 | 61.2 | 43.5 |
| 10:55 PM - 11:00 PM | 45.5 | 55.5 | 42.9 |
| 11:00 PM - 11:05 PM | 45.1 | 55.0 | 43.1 |
| 11:05 PM - 11:10 PM | 43.9 | 47.6 | 43.3 |
| 11:10 PM - 11:15 PM | 44.4 | 50.1 | 42.7 |
| 11:15 PM - 11:20 PM | 45.4 | 52.0 | 43.0 |
| 11:20 PM - 11:25 PM | 44.2 | 53.0 | 43.0 |
| 11:25 PM - 11:30 PM | 43.7 | 48.4 | 42.9 |
| 11:30 PM - 11:35 PM | 43.2 | 45.1 | 42.6 |
| 11:35 PM - 11:40 PM | 44.4 | 52.3 | 42.7 |
| 11:40 PM - 11:45 PM | 44.7 | 56.1 | 41.9 |
| 11:45 PM - 11:50 PM | 44.3 | 52.3 | 41.9 |
| 11:50 PM - 11:55 PM | 42.8 | 50.1 | 40.7 |
| 11:55 PM - 12:00 AM | 46.4 | 56.7 | 41.3 |
| 12:00 AM - 12:05 AM | 43.3 | 54.7 | 41.3 |
| 12:05 AM - 12:10 AM | 43.0 | 52.1 | 41.7 |
| 12:10 AM - 12:15 AM | 44.2 | 57.1 | 41.6 |
| 12:15 AM - 12:20 AM | 43.1 | 52.2 | 41.3 |
| 12:20 AM - 12:25 AM | 41.7 | 47.5 | 41.2 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854836-1



**Sample No.** 23128880-11
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:25 AM - 12:30 AM | 44.3 | 54.0 | 41.1 |
| 12:30 AM - 12:35 AM | 42.3 | 53.4 | 41.3 |
| 12:35 AM - 12:40 AM | 41.5 | 45.4 | 40.9 |
| 12:40 AM - 12:45 AM | 42.0 | 47.8 | 40.9 |
| 12:45 AM - 12:50 AM | 41.3 | 43.8 | 40.7 |
| 12:50 AM - 12:55 AM | 44.3 | 55.9 | 40.8 |
| 12:55 AM - 01:00 AM | 41.1 | 45.1 | 40.5 |
| 01:00 AM - 01:05 AM | 41.7 | 52.0 | 40.6 |
| 01:05 AM - 01:10 AM | 49.8 | 65.5 | 40.8 |
| 01:10 AM - 01:15 AM | 49.8 | 65.5 | 40.5 |
| 01:15 AM - 01:20 AM | 44.2 | 56.8 | 41.1 |
| 01:20 AM - 01:25 AM | 42.0 | 46.9 | 40.9 |
| 01:25 AM - 01:30 AM | 42.6 | 50.7 | 40.8 |
| 01:30 AM - 01:35 AM | 44.1 | 54.1 | 41.2 |
| 01:35 AM - 01:40 AM | 42.4 | 51.9 | 40.7 |
| 01:40 AM - 01:45 AM | 42.7 | 52.3 | 40.8 |
| 01:45 AM - 01:50 AM | 43.1 | 50.7 | 40.8 |
| 01:50 AM - 01:55 AM | 42.4 | 48.6 | 41.0 |
| 01:55 AM - 02:00 AM | 45.0 | 60.7 | 41.0 |
| 02:00 AM - 02:05 AM | 42.7 | 49.1 | 41.3 |
| 02:05 AM - 02:10 AM | 43.7 | 52.8 | 41.0 |
| 02:10 AM - 02:15 AM | 41.7 | 49.0 | 41.0 |
| 02:15 AM - 02:20 AM | 43.8 | 55.0 | 40.9 |
| 02:20 AM - 02:25 AM | 42.3 | 51.6 | 40.7 |
| 02:25 AM - 02:30 AM | 41.8 | 45.1 | 41.0 |
| 02:30 AM - 02:35 AM | 41.3 | 47.8 | 40.6 |
| 02:35 AM - 02:40 AM | 41.6 | 43.9 | 41.0 |
| 02:40 AM - 02:45 AM | 44.2 | 55.8 | 41.3 |
| 02:45 AM - 02:50 AM | 41.4 | 44.0 | 40.9 |
| 02:50 AM - 02:55 AM | 41.4 | 43.4 | 40.8 |
| 02:55 AM - 03:00 AM | 41.9 | 45.4 | 40.9 |
| 03:00 AM - 03:05 AM | 41.8 | 45.2 | 41.0 |
| 03:05 AM - 03:10 AM | 44.4 | 50.7 | 42.1 |
| 03:10 AM - 03:15 AM | 44.4 | 52.2 | 42.4 |
| 03:15 AM - 03:20 AM | 44.0 | 53.8 | 42.0 |
| 03:20 AM - 03:25 AM | 44.5 | 56.3 | 41.9 |
| 03:25 AM - 03:30 AM | 42.3 | 48.1 | 41.3 |
| 03:30 AM - 03:35 AM | 43.4 | 56.7 | 41.4 |
| 03:35 AM - 03:40 AM | 51.0 | 62.8 | 42.2 |
| 03:40 AM - 03:45 AM | 42.5 | 46.0 | 41.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854836-1



**Sample No.** 23128880-11
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:45 AM - 03:50 AM | 43.2 | 58.3 | 41.9 |
| 03:50 AM - 03:55 AM | 48.9 | 67.2 | 41.5 |
| 03:55 AM - 04:00 AM | 51.0 | 70.5 | 41.6 |
| 04:00 AM - 04:05 AM | 43.0 | 50.2 | 41.6 |
| 04:05 AM - 04:10 AM | 44.0 | 52.0 | 42.3 |
| 04:10 AM - 04:15 AM | 44.2 | 49.2 | 42.3 |
| 04:15 AM - 04:20 AM | 44.0 | 59.6 | 42.5 |
| 04:20 AM - 04:25 AM | 52.0 | 65.5 | 43.2 |
| 04:25 AM - 04:30 AM | 45.2 | 48.2 | 43.3 |
| 04:30 AM - 04:35 AM | 46.7 | 58.4 | 43.4 |
| 04:35 AM - 04:40 AM | 45.8 | 59.0 | 43.2 |
| 04:40 AM - 04:45 AM | 52.8 | 67.0 | 43.1 |
| 04:45 AM - 04:50 AM | 52.4 | 68.2 | 42.7 |
| 04:50 AM - 04:55 AM | 54.6 | 68.5 | 42.7 |
| 04:55 AM - 05:00 AM | 53.2 | 66.7 | 43.0 |
| 05:00 AM - 05:05 AM | 51.2 | 63.9 | 42.2 |
| 05:05 AM - 05:10 AM | 51.7 | 66.5 | 42.7 |
| 05:10 AM - 05:15 AM | 53.4 | 66.2 | 43.7 |
| 05:15 AM - 05:20 AM | 54.7 | 68.3 | 43.7 |
| 05:20 AM - 05:25 AM | 50.8 | 64.6 | 44.3 |
| 05:25 AM - 05:30 AM | 50.9 | 64.9 | 44.8 |
| 05:30 AM - 05:35 AM | 56.9 | 69.1 | 45.2 |
| 05:35 AM - 05:40 AM | 55.3 | 68.7 | 45.4 |
| 05:40 AM - 05:45 AM | 49.8 | 65.5 | 45.3 |
| 05:45 AM - 05:50 AM | 54.4 | 71.0 | 45.4 |
| 05:50 AM - 05:55 AM | 55.6 | 68.9 | 45.8 |
| 05:55 AM - 06:00 AM | 56.1 | 67.8 | 46.7 |
| 06:00 AM - 07:00 AM | 55.0 | 75.2 | 45.8 |
| 07:00 AM - 08:00 AM | 54.3 | 82.6 | 44.6 |
| 08:00 AM - 09:00 AM | 59.1 | 87.1 | 44.3 |
| 09:00 AM - 10:00 AM | 50.5 | 75.1 | 43.8 |
| 10:00 AM - 11:00 AM | 51.4 | 68.6 | 44.8 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854837-1



**Sample No.** 23128880-12
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 52.8 | 86.5 | 44.8 |
| 12:00 PM - 01:00 PM | 52.1 | 71.9 | 45.1 |
| 01:00 PM - 02:00 PM | 57.0 | 82.9 | 44.2 |
| 02:00 PM - 03:00 PM | 52.9 | 73.6 | 44.6 |
| 03:00 PM - 04:00 PM | 53.0 | 74.4 | 43.9 |
| 04:00 PM - 05:00 PM | 52.2 | 71.3 | 43.6 |
| 05:00 PM - 06:00 PM | 51.6 | 72.1 | 44.3 |
| 06:00 PM - 07:00 PM | 49.9 | 66.6 | 45.4 |
| 07:00 PM - 08:00 PM | 48.6 | 70.3 | 44.9 |
| 08:00 PM - 09:00 PM | 47.8 | 71.0 | 43.5 |
| 09:00 PM - 10:00 PM | 45.7 | 62.6 | 42.9 |
| 10:00 PM - 10:05 PM | 44.4 | 49.8 | 43.0 |
| 10:05 PM - 10:10 PM | 44.5 | 53.6 | 42.8 |
| 10:10 PM - 10:15 PM | 43.6 | 48.3 | 42.4 |
| 10:15 PM - 10:20 PM | 43.3 | 50.7 | 42.5 |
| 10:20 PM - 10:25 PM | 44.9 | 54.3 | 42.2 |
| 10:25 PM - 10:30 PM | 43.1 | 47.0 | 42.0 |
| 10:30 PM - 10:35 PM | 43.5 | 53.1 | 41.8 |
| 10:35 PM - 10:40 PM | 43.5 | 49.0 | 42.0 |
| 10:40 PM - 10:45 PM | 43.1 | 46.4 | 42.1 |
| 10:45 PM - 10:50 PM | 44.4 | 54.8 | 41.5 |
| 10:50 PM - 10:55 PM | 43.1 | 54.1 | 41.8 |
| 10:55 PM - 11:00 PM | 44.3 | 53.6 | 41.8 |
| 11:00 PM - 11:05 PM | 45.0 | 56.3 | 41.9 |
| 11:05 PM - 11:10 PM | 42.7 | 50.1 | 41.9 |
| 11:10 PM - 11:15 PM | 43.7 | 53.2 | 42.1 |
| 11:15 PM - 11:20 PM | 43.4 | 51.4 | 41.3 |
| 11:20 PM - 11:25 PM | 43.2 | 52.8 | 41.0 |
| 11:25 PM - 11:30 PM | 44.2 | 53.3 | 42.0 |
| 11:30 PM - 11:35 PM | 43.3 | 48.7 | 42.1 |
| 11:35 PM - 11:40 PM | 43.4 | 50.8 | 42.0 |
| 11:40 PM - 11:45 PM | 42.7 | 48.0 | 42.0 |
| 11:45 PM - 11:50 PM | 42.5 | 44.7 | 41.6 |
| 11:50 PM - 11:55 PM | 43.6 | 53.1 | 41.4 |
| 11:55 PM - 12:00 AM | 43.8 | 52.2 | 42.3 |
| 12:00 AM - 12:05 AM | 42.9 | 46.7 | 42.1 |
| 12:05 AM - 12:10 AM | 44.0 | 52.4 | 42.5 |
| 12:10 AM - 12:15 AM | 44.3 | 52.5 | 42.4 |
| 12:15 AM - 12:20 AM | 44.0 | 51.8 | 42.5 |
| 12:20 AM - 12:25 AM | 43.2 | 48.5 | 42.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854837-1



**Sample No.** 23128880-12
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:25 AM - 12:30 AM | 53.8 | 70.1 | 42.2 |
| 12:30 AM - 12:35 AM | 43.0 | 48.1 | 42.1 |
| 12:35 AM - 12:40 AM | 51.0 | 67.6 | 42.3 |
| 12:40 AM - 12:45 AM | 49.6 | 67.3 | 42.2 |
| 12:45 AM - 12:50 AM | 44.3 | 59.1 | 42.4 |
| 12:50 AM - 12:55 AM | 50.1 | 67.6 | 42.4 |
| 12:55 AM - 01:00 AM | 55.0 | 68.2 | 45.0 |
| 01:00 AM - 01:05 AM | 43.6 | 50.9 | 42.2 |
| 01:05 AM - 01:10 AM | 46.4 | 56.4 | 42.7 |
| 01:10 AM - 01:15 AM | 44.5 | 52.3 | 42.7 |
| 01:15 AM - 01:20 AM | 43.5 | 46.4 | 42.4 |
| 01:20 AM - 01:25 AM | 43.4 | 50.4 | 42.3 |
| 01:25 AM - 01:30 AM | 44.6 | 52.9 | 41.8 |
| 01:30 AM - 01:35 AM | 44.6 | 54.5 | 42.0 |
| 01:35 AM - 01:40 AM | 43.0 | 46.3 | 41.6 |
| 01:40 AM - 01:45 AM | 43.5 | 52.1 | 41.5 |
| 01:45 AM - 01:50 AM | 41.5 | 43.4 | 40.9 |
| 01:50 AM - 01:55 AM | 42.0 | 47.9 | 41.4 |
| 01:55 AM - 02:00 AM | 42.5 | 44.8 | 41.7 |
| 02:00 AM - 02:05 AM | 42.6 | 47.5 | 41.6 |
| 02:05 AM - 02:10 AM | 44.3 | 54.1 | 41.8 |
| 02:10 AM - 02:15 AM | 44.0 | 54.4 | 41.6 |
| 02:15 AM - 02:20 AM | 42.6 | 47.1 | 41.6 |
| 02:20 AM - 02:25 AM | 42.5 | 45.3 | 41.5 |
| 02:25 AM - 02:30 AM | 42.5 | 50.5 | 41.4 |
| 02:30 AM - 02:35 AM | 42.2 | 44.8 | 41.5 |
| 02:35 AM - 02:40 AM | 42.8 | 46.7 | 41.7 |
| 02:40 AM - 02:45 AM | 44.0 | 54.0 | 42.4 |
| 02:45 AM - 02:50 AM | 42.7 | 48.9 | 41.7 |
| 02:50 AM - 02:55 AM | 42.7 | 49.0 | 41.4 |
| 02:55 AM - 03:00 AM | 42.8 | 49.9 | 41.6 |
| 03:00 AM - 03:05 AM | 42.4 | 48.7 | 41.5 |
| 03:05 AM - 03:10 AM | 42.2 | 45.6 | 41.3 |
| 03:10 AM - 03:15 AM | 44.2 | 53.2 | 41.9 |
| 03:15 AM - 03:20 AM | 42.9 | 47.1 | 42.0 |
| 03:20 AM - 03:25 AM | 44.6 | 53.6 | 42.1 |
| 03:25 AM - 03:30 AM | 43.5 | 52.6 | 42.2 |
| 03:30 AM - 03:35 AM | 42.6 | 44.1 | 42.2 |
| 03:35 AM - 03:40 AM | 43.2 | 45.2 | 42.6 |
| 03:40 AM - 03:45 AM | 44.1 | 50.9 | 42.5 |

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Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854837-1



**Sample No.** 23128880-12
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:45 AM - 03:50 AM | 46.0 | 59.7 | 42.3 |
| 03:50 AM - 03:55 AM | 42.5 | 47.4 | 41.6 |
| 03:55 AM - 04:00 AM | 42.2 | 47.3 | 41.5 |
| 04:00 AM - 04:05 AM | 42.6 | 48.4 | 41.4 |
| 04:05 AM - 04:10 AM | 52.9 | 66.2 | 42.0 |
| 04:10 AM - 04:15 AM | 42.3 | 48.6 | 41.6 |
| 04:15 AM - 04:20 AM | 43.2 | 50.5 | 41.9 |
| 04:20 AM - 04:25 AM | 44.5 | 53.4 | 42.2 |
| 04:25 AM - 04:30 AM | 44.3 | 54.7 | 42.4 |
| 04:30 AM - 04:35 AM | 45.5 | 54.5 | 42.7 |
| 04:35 AM - 04:40 AM | 53.1 | 66.6 | 42.8 |
| 04:40 AM - 04:45 AM | 45.5 | 58.2 | 42.8 |
| 04:45 AM - 04:50 AM | 49.6 | 63.9 | 42.6 |
| 04:50 AM - 04:55 AM | 50.4 | 64.0 | 43.1 |
| 04:55 AM - 05:00 AM | 51.9 | 65.7 | 43.3 |
| 05:00 AM - 05:05 AM | 46.2 | 59.2 | 42.9 |
| 05:05 AM - 05:10 AM | 52.8 | 66.8 | 43.2 |
| 05:10 AM - 05:15 AM | 53.0 | 66.7 | 44.2 |
| 05:15 AM - 05:20 AM | 48.5 | 60.3 | 44.9 |
| 05:20 AM - 05:25 AM | 49.2 | 60.1 | 45.2 |
| 05:25 AM - 05:30 AM | 51.8 | 64.8 | 45.1 |
| 05:30 AM - 05:35 AM | 51.9 | 66.7 | 44.3 |
| 05:35 AM - 05:40 AM | 55.9 | 67.8 | 45.1 |
| 05:40 AM - 05:45 AM | 55.1 | 67.8 | 44.2 |
| 05:45 AM - 05:50 AM | 53.6 | 67.1 | 44.1 |
| 05:50 AM - 05:55 AM | 55.2 | 67.0 | 44.5 |
| 05:55 AM - 06:00 AM | 54.7 | 67.6 | 45.1 |
| 06:00 AM - 07:00 AM | 54.8 | 77.6 | 44.7 |
| 07:00 AM - 08:00 AM | 51.9 | 77.6 | 44.2 |
| 08:00 AM - 09:00 AM | 59.9 | 86.4 | 45.6 |
| 09:00 AM - 10:00 AM | 51.4 | 76.4 | 44.7 |
| 10:00 AM - 11:00 AM | 52.6 | 70.5 | 45.2 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854838-1



**Sample No.** 23128880-13
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 54.7 | 78.5 | 45.9 |
| 12:00 PM - 01:00 PM | 51.5 | 69.9 | 45.2 |
| 01:00 PM - 02:00 PM | 51.3 | 71.1 | 45.2 |
| 02:00 PM - 03:00 PM | 54.9 | 78.8 | 45.0 |
| 03:00 PM - 04:00 PM | 50.3 | 71.6 | 43.3 |
| 04:00 PM - 05:00 PM | 50.8 | 66.2 | 44.1 |
| 05:00 PM - 06:00 PM | 52.1 | 69.5 | 44.4 |
| 06:00 PM - 07:00 PM | 50.7 | 71.3 | 45.1 |
| 07:00 PM - 08:00 PM | 48.9 | 73.7 | 45.5 |
| 08:00 PM - 09:00 PM | 47.7 | 65.9 | 43.3 |
| 09:00 PM - 10:00 PM | 47.0 | 62.5 | 43.1 |
| 10:00 PM - 10:05 PM | 46.9 | 60.0 | 42.7 |
| 10:05 PM - 10:10 PM | 43.7 | 49.4 | 42.6 |
| 10:10 PM - 10:15 PM | 51.1 | 69.9 | 42.9 |
| 10:15 PM - 10:20 PM | 44.3 | 53.5 | 42.8 |
| 10:20 PM - 10:25 PM | 45.2 | 54.2 | 43.0 |
| 10:25 PM - 10:30 PM | 43.4 | 47.9 | 42.6 |
| 10:30 PM - 10:35 PM | 46.6 | 58.9 | 42.9 |
| 10:35 PM - 10:40 PM | 49.1 | 62.8 | 43.2 |
| 10:40 PM - 10:45 PM | 47.4 | 59.4 | 43.3 |
| 10:45 PM - 10:50 PM | 43.9 | 51.6 | 42.5 |
| 10:50 PM - 10:55 PM | 47.1 | 60.7 | 43.0 |
| 10:55 PM - 11:00 PM | 45.0 | 55.0 | 42.4 |
| 11:00 PM - 11:05 PM | 44.6 | 54.5 | 42.6 |
| 11:05 PM - 11:10 PM | 43.4 | 47.1 | 42.8 |
| 11:10 PM - 11:15 PM | 43.9 | 49.6 | 42.2 |
| 11:15 PM - 11:20 PM | 44.9 | 51.5 | 42.5 |
| 11:20 PM - 11:25 PM | 43.7 | 52.5 | 42.5 |
| 11:25 PM - 11:30 PM | 43.2 | 47.9 | 42.4 |
| 11:30 PM - 11:35 PM | 42.7 | 44.6 | 42.1 |
| 11:35 PM - 11:40 PM | 43.9 | 51.8 | 42.2 |
| 11:40 PM - 11:45 PM | 44.2 | 55.6 | 41.4 |
| 11:45 PM - 11:50 PM | 43.8 | 51.8 | 41.4 |
| 11:50 PM - 11:55 PM | 42.3 | 49.6 | 40.2 |
| 11:55 PM - 12:00 AM | 45.9 | 56.2 | 40.8 |
| 12:00 AM - 12:05 AM | 42.8 | 54.2 | 40.8 |
| 12:05 AM - 12:10 AM | 42.5 | 51.6 | 41.2 |
| 12:10 AM - 12:15 AM | 43.7 | 56.6 | 41.1 |
| 12:15 AM - 12:20 AM | 42.6 | 51.7 | 40.8 |
| 12:20 AM - 12:25 AM | 41.2 | 47.0 | 40.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854838-1



**Sample No.** 23128880-13
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:25 AM - 12:30 AM | 43.8 | 53.5 | 40.6 |
| 12:30 AM - 12:35 AM | 41.8 | 52.9 | 40.8 |
| 12:35 AM - 12:40 AM | 41.0 | 44.9 | 40.4 |
| 12:40 AM - 12:45 AM | 41.5 | 47.3 | 40.4 |
| 12:45 AM - 12:50 AM | 40.8 | 43.3 | 40.2 |
| 12:50 AM - 12:55 AM | 43.8 | 55.4 | 40.3 |
| 12:55 AM - 01:00 AM | 40.6 | 44.6 | 40.0 |
| 01:00 AM - 01:05 AM | 41.2 | 51.5 | 40.1 |
| 01:05 AM - 01:10 AM | 49.3 | 65.0 | 40.3 |
| 01:10 AM - 01:15 AM | 49.3 | 65.0 | 40.0 |
| 01:15 AM - 01:20 AM | 43.7 | 56.3 | 40.6 |
| 01:20 AM - 01:25 AM | 41.5 | 46.4 | 40.4 |
| 01:25 AM - 01:30 AM | 42.1 | 50.2 | 40.3 |
| 01:30 AM - 01:35 AM | 43.6 | 53.6 | 40.7 |
| 01:35 AM - 01:40 AM | 41.9 | 51.4 | 40.2 |
| 01:40 AM - 01:45 AM | 42.2 | 51.8 | 40.3 |
| 01:45 AM - 01:50 AM | 42.6 | 50.2 | 40.3 |
| 01:50 AM - 01:55 AM | 41.9 | 48.1 | 40.5 |
| 01:55 AM - 02:00 AM | 44.5 | 60.2 | 40.5 |
| 02:00 AM - 02:05 AM | 42.2 | 48.6 | 40.8 |
| 02:05 AM - 02:10 AM | 43.2 | 52.3 | 40.5 |
| 02:10 AM - 02:15 AM | 41.2 | 48.5 | 40.5 |
| 02:15 AM - 02:20 AM | 43.3 | 54.5 | 40.4 |
| 02:20 AM - 02:25 AM | 41.8 | 51.1 | 40.2 |
| 02:25 AM - 02:30 AM | 41.3 | 44.6 | 40.5 |
| 02:30 AM - 02:35 AM | 40.8 | 47.3 | 40.1 |
| 02:35 AM - 02:40 AM | 41.1 | 43.4 | 40.5 |
| 02:40 AM - 02:45 AM | 43.7 | 55.3 | 40.8 |
| 02:45 AM - 02:50 AM | 40.9 | 43.5 | 40.4 |
| 02:50 AM - 02:55 AM | 40.9 | 42.9 | 40.3 |
| 02:55 AM - 03:00 AM | 41.4 | 44.9 | 40.4 |
| 03:00 AM - 03:05 AM | 41.3 | 44.7 | 40.5 |
| 03:05 AM - 03:10 AM | 43.9 | 50.2 | 41.6 |
| 03:10 AM - 03:15 AM | 43.9 | 51.7 | 41.9 |
| 03:15 AM - 03:20 AM | 43.5 | 53.3 | 41.5 |
| 03:20 AM - 03:25 AM | 44.0 | 55.8 | 41.4 |
| 03:25 AM - 03:30 AM | 41.8 | 47.6 | 40.8 |
| 03:30 AM - 03:35 AM | 42.9 | 56.2 | 40.9 |
| 03:35 AM - 03:40 AM | 50.5 | 62.3 | 41.7 |
| 03:40 AM - 03:45 AM | 42.0 | 45.5 | 41.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854838-1



**Sample No.** 23128880-13
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:45 AM - 03:50 AM | 42.7 | 57.8 | 41.4 |
| 03:50 AM - 03:55 AM | 48.4 | 66.7 | 41.0 |
| 03:55 AM - 04:00 AM | 50.5 | 70.0 | 41.1 |
| 04:00 AM - 04:05 AM | 42.5 | 49.7 | 41.1 |
| 04:05 AM - 04:10 AM | 43.5 | 51.5 | 41.8 |
| 04:10 AM - 04:15 AM | 43.7 | 48.7 | 41.8 |
| 04:15 AM - 04:20 AM | 43.5 | 59.1 | 42.0 |
| 04:20 AM - 04:25 AM | 51.5 | 65.0 | 42.7 |
| 04:25 AM - 04:30 AM | 44.7 | 47.7 | 42.8 |
| 04:30 AM - 04:35 AM | 46.2 | 57.9 | 42.9 |
| 04:35 AM - 04:40 AM | 45.3 | 58.5 | 42.7 |
| 04:40 AM - 04:45 AM | 52.3 | 66.5 | 42.6 |
| 04:45 AM - 04:50 AM | 51.9 | 67.7 | 42.2 |
| 04:50 AM - 04:55 AM | 54.1 | 68.0 | 42.2 |
| 04:55 AM - 05:00 AM | 52.7 | 66.2 | 42.5 |
| 05:00 AM - 05:05 AM | 50.7 | 63.4 | 41.7 |
| 05:05 AM - 05:10 AM | 51.2 | 66.0 | 42.2 |
| 05:10 AM - 05:15 AM | 52.9 | 65.7 | 43.2 |
| 05:15 AM - 05:20 AM | 54.2 | 67.8 | 43.2 |
| 05:20 AM - 05:25 AM | 50.3 | 64.1 | 43.8 |
| 05:25 AM - 05:30 AM | 50.4 | 64.4 | 44.3 |
| 05:30 AM - 05:35 AM | 56.4 | 68.6 | 44.7 |
| 05:35 AM - 05:40 AM | 54.8 | 68.2 | 44.9 |
| 05:40 AM - 05:45 AM | 49.3 | 65.0 | 44.8 |
| 05:45 AM - 05:50 AM | 53.9 | 70.5 | 44.9 |
| 05:50 AM - 05:55 AM | 55.1 | 68.4 | 45.3 |
| 05:55 AM - 06:00 AM | 55.6 | 67.3 | 46.2 |
| 06:00 AM - 07:00 AM | 54.5 | 74.7 | 45.3 |
| 07:00 AM - 08:00 AM | 53.8 | 82.1 | 44.1 |
| 08:00 AM - 09:00 AM | 58.6 | 86.6 | 43.8 |
| 09:00 AM - 10:00 AM | 50.0 | 74.6 | 43.3 |
| 10:00 AM - 11:00 AM | 50.9 | 68.1 | 44.3 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak
Manager

# Analysis / Test Report

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BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854839-1



**Sample No.** 23128880-14
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 11:00 AM - 12:00 PM | 52.3 | 86.0 | 44.3 |
| 12:00 PM - 01:00 PM | 51.6 | 71.4 | 44.6 |
| 01:00 PM - 02:00 PM | 56.5 | 82.4 | 43.7 |
| 02:00 PM - 03:00 PM | 52.4 | 73.1 | 44.1 |
| 03:00 PM - 04:00 PM | 52.5 | 73.9 | 43.4 |
| 04:00 PM - 05:00 PM | 51.7 | 70.8 | 43.1 |
| 05:00 PM - 06:00 PM | 51.1 | 71.6 | 43.8 |
| 06:00 PM - 07:00 PM | 49.4 | 66.1 | 44.9 |
| 07:00 PM - 08:00 PM | 48.1 | 69.8 | 44.4 |
| 08:00 PM - 09:00 PM | 47.3 | 70.5 | 43.0 |
| 09:00 PM - 10:00 PM | 45.2 | 62.1 | 42.4 |
| 10:00 PM - 10:05 PM | 43.9 | 49.3 | 42.5 |
| 10:05 PM - 10:10 PM | 44.0 | 53.1 | 42.3 |
| 10:10 PM - 10:15 PM | 43.1 | 47.8 | 41.9 |
| 10:15 PM - 10:20 PM | 42.8 | 50.2 | 42.0 |
| 10:20 PM - 10:25 PM | 44.4 | 53.8 | 41.7 |
| 10:25 PM - 10:30 PM | 42.6 | 46.5 | 41.5 |
| 10:30 PM - 10:35 PM | 43.0 | 52.6 | 41.3 |
| 10:35 PM - 10:40 PM | 43.0 | 48.5 | 41.5 |
| 10:40 PM - 10:45 PM | 42.6 | 45.9 | 41.6 |
| 10:45 PM - 10:50 PM | 43.9 | 54.3 | 41.0 |
| 10:50 PM - 10:55 PM | 42.6 | 53.6 | 41.3 |
| 10:55 PM - 11:00 PM | 43.8 | 53.1 | 41.3 |
| 11:00 PM - 11:05 PM | 44.5 | 55.8 | 41.4 |
| 11:05 PM - 11:10 PM | 42.2 | 49.6 | 41.4 |
| 11:10 PM - 11:15 PM | 43.2 | 52.7 | 41.6 |
| 11:15 PM - 11:20 PM | 42.9 | 50.9 | 40.8 |
| 11:20 PM - 11:25 PM | 42.7 | 52.3 | 40.5 |
| 11:25 PM - 11:30 PM | 43.7 | 52.8 | 41.5 |
| 11:30 PM - 11:35 PM | 42.8 | 48.2 | 41.6 |
| 11:35 PM - 11:40 PM | 42.9 | 50.3 | 41.5 |
| 11:40 PM - 11:45 PM | 42.2 | 47.5 | 41.5 |
| 11:45 PM - 11:50 PM | 42.0 | 44.2 | 41.1 |
| 11:50 PM - 11:55 PM | 43.1 | 52.6 | 40.9 |
| 11:55 PM - 12:00 AM | 43.3 | 51.7 | 41.8 |
| 12:00 AM - 12:05 AM | 42.4 | 46.2 | 41.6 |
| 12:05 AM - 12:10 AM | 43.5 | 51.9 | 42.0 |
| 12:10 AM - 12:15 AM | 43.8 | 52.0 | 41.9 |
| 12:15 AM - 12:20 AM | 43.5 | 51.3 | 42.0 |
| 12:20 AM - 12:25 AM | 42.7 | 48.0 | 41.8 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854839-1



**Sample No.** 23128880-14
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:25 AM - 12:30 AM | 53.3 | 69.6 | 41.7 |
| 12:30 AM - 12:35 AM | 42.5 | 47.6 | 41.6 |
| 12:35 AM - 12:40 AM | 50.5 | 67.1 | 41.8 |
| 12:40 AM - 12:45 AM | 49.1 | 66.8 | 41.7 |
| 12:45 AM - 12:50 AM | 43.8 | 58.6 | 41.9 |
| 12:50 AM - 12:55 AM | 49.6 | 67.1 | 41.9 |
| 12:55 AM - 01:00 AM | 54.5 | 67.7 | 44.5 |
| 01:00 AM - 01:05 AM | 43.1 | 50.4 | 41.7 |
| 01:05 AM - 01:10 AM | 45.9 | 55.9 | 42.2 |
| 01:10 AM - 01:15 AM | 44.0 | 51.8 | 42.2 |
| 01:15 AM - 01:20 AM | 43.0 | 45.9 | 41.9 |
| 01:20 AM - 01:25 AM | 42.9 | 49.9 | 41.8 |
| 01:25 AM - 01:30 AM | 44.1 | 52.4 | 41.3 |
| 01:30 AM - 01:35 AM | 44.1 | 54.0 | 41.5 |
| 01:35 AM - 01:40 AM | 42.5 | 45.8 | 41.1 |
| 01:40 AM - 01:45 AM | 43.0 | 51.6 | 41.0 |
| 01:45 AM - 01:50 AM | 41.0 | 42.9 | 40.4 |
| 01:50 AM - 01:55 AM | 41.5 | 47.4 | 40.9 |
| 01:55 AM - 02:00 AM | 42.0 | 44.3 | 41.2 |
| 02:00 AM - 02:05 AM | 42.1 | 47.0 | 41.1 |
| 02:05 AM - 02:10 AM | 43.8 | 53.6 | 41.3 |
| 02:10 AM - 02:15 AM | 43.5 | 53.9 | 41.1 |
| 02:15 AM - 02:20 AM | 42.1 | 46.6 | 41.1 |
| 02:20 AM - 02:25 AM | 42.0 | 44.8 | 41.0 |
| 02:25 AM - 02:30 AM | 42.0 | 50.0 | 40.9 |
| 02:30 AM - 02:35 AM | 41.7 | 44.3 | 41.0 |
| 02:35 AM - 02:40 AM | 42.3 | 46.2 | 41.2 |
| 02:40 AM - 02:45 AM | 43.5 | 53.5 | 41.9 |
| 02:45 AM - 02:50 AM | 42.2 | 48.4 | 41.2 |
| 02:50 AM - 02:55 AM | 42.2 | 48.5 | 40.9 |
| 02:55 AM - 03:00 AM | 42.3 | 49.4 | 41.1 |
| 03:00 AM - 03:05 AM | 41.9 | 48.2 | 41.0 |
| 03:05 AM - 03:10 AM | 41.7 | 45.1 | 40.8 |
| 03:10 AM - 03:15 AM | 43.7 | 52.7 | 41.4 |
| 03:15 AM - 03:20 AM | 42.4 | 46.6 | 41.5 |
| 03:20 AM - 03:25 AM | 44.1 | 53.1 | 41.6 |
| 03:25 AM - 03:30 AM | 43.0 | 52.1 | 41.7 |
| 03:30 AM - 03:35 AM | 42.1 | 43.6 | 41.7 |
| 03:35 AM - 03:40 AM | 42.7 | 44.7 | 42.1 |
| 03:40 AM - 03:45 AM | 43.6 | 50.4 | 42.0 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854839-1



**Sample No.** 23128880-14
**Parameter** Noise
**Location** วัดหินโค่ง (N2) (GPS 47P 0755511, 1424196) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920834

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:45 AM - 03:50 AM | 45.5 | 59.2 | 41.8 |
| 03:50 AM - 03:55 AM | 42.0 | 46.9 | 41.1 |
| 03:55 AM - 04:00 AM | 41.7 | 46.8 | 41.0 |
| 04:00 AM - 04:05 AM | 42.1 | 47.9 | 40.9 |
| 04:05 AM - 04:10 AM | 52.4 | 65.7 | 41.5 |
| 04:10 AM - 04:15 AM | 41.8 | 48.1 | 41.1 |
| 04:15 AM - 04:20 AM | 42.7 | 50.0 | 41.4 |
| 04:20 AM - 04:25 AM | 44.0 | 52.9 | 41.7 |
| 04:25 AM - 04:30 AM | 43.8 | 54.2 | 41.9 |
| 04:30 AM - 04:35 AM | 45.0 | 54.0 | 42.2 |
| 04:35 AM - 04:40 AM | 52.6 | 66.1 | 42.3 |
| 04:40 AM - 04:45 AM | 45.0 | 57.7 | 42.3 |
| 04:45 AM - 04:50 AM | 49.1 | 63.4 | 42.1 |
| 04:50 AM - 04:55 AM | 49.9 | 63.5 | 42.6 |
| 04:55 AM - 05:00 AM | 51.4 | 65.2 | 42.8 |
| 05:00 AM - 05:05 AM | 45.7 | 58.7 | 42.4 |
| 05:05 AM - 05:10 AM | 52.3 | 66.3 | 42.7 |
| 05:10 AM - 05:15 AM | 52.5 | 66.2 | 43.7 |
| 05:15 AM - 05:20 AM | 48.0 | 59.8 | 44.4 |
| 05:20 AM - 05:25 AM | 48.7 | 59.6 | 44.7 |
| 05:25 AM - 05:30 AM | 51.3 | 64.3 | 44.6 |
| 05:30 AM - 05:35 AM | 51.4 | 66.2 | 43.8 |
| 05:35 AM - 05:40 AM | 55.4 | 67.3 | 44.6 |
| 05:40 AM - 05:45 AM | 54.6 | 67.3 | 43.7 |
| 05:45 AM - 05:50 AM | 53.1 | 66.6 | 43.6 |
| 05:50 AM - 05:55 AM | 54.7 | 66.5 | 44.0 |
| 05:55 AM - 06:00 AM | 54.2 | 67.1 | 44.6 |
| 06:00 AM - 07:00 AM | 54.3 | 77.1 | 44.2 |
| 07:00 AM - 08:00 AM | 51.4 | 77.1 | 43.7 |
| 08:00 AM - 09:00 AM | 59.4 | 85.9 | 45.1 |
| 09:00 AM - 10:00 AM | 50.9 | 75.9 | 44.2 |
| 10:00 AM - 11:00 AM | 52.1 | 70.0 | 44.7 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854840-1



**Sample No.** 23128880-15
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 53.3 | 78.5 | 38.8 |
| 11:00 AM - 12:00 PM | 51.5 | 72.1 | 43.2 |
| 12:00 PM - 01:00 PM | 51.0 | 74.0 | 42.5 |
| 01:00 PM - 02:00 PM | 50.8 | 76.1 | 34.2 |
| 02:00 PM - 03:00 PM | 52.7 | 76.3 | 34.1 |
| 03:00 PM - 04:00 PM | 52.2 | 76.4 | 34.1 |
| 04:00 PM - 05:00 PM | 54.6 | 78.6 | 36.8 |
| 05:00 PM - 06:00 PM | 54.9 | 79.5 | 39.1 |
| 06:00 PM - 07:00 PM | 53.7 | 77.4 | 45.1 |
| 07:00 PM - 08:00 PM | 52.4 | 76.7 | 45.9 |
| 08:00 PM - 09:00 PM | 51.5 | 76.9 | 45.1 |
| 09:00 PM - 10:00 PM | 49.6 | 79.5 | 41.7 |
| 10:00 PM - 10:05 PM | 45.8 | 61.1 | 42.7 |
| 10:05 PM - 10:10 PM | 50.7 | 67.7 | 42.9 |
| 10:10 PM - 10:15 PM | 49.7 | 73.7 | 41.0 |
| 10:15 PM - 10:20 PM | 45.0 | 59.6 | 40.0 |
| 10:20 PM - 10:25 PM | 43.0 | 54.0 | 40.1 |
| 10:25 PM - 10:30 PM | 45.2 | 57.5 | 40.1 |
| 10:30 PM - 10:35 PM | 42.1 | 46.3 | 39.1 |
| 10:35 PM - 10:40 PM | 43.6 | 56.6 | 39.8 |
| 10:40 PM - 10:45 PM | 45.8 | 60.7 | 40.4 |
| 10:45 PM - 10:50 PM | 45.7 | 64.2 | 40.0 |
| 10:50 PM - 10:55 PM | 45.3 | 62.8 | 39.3 |
| 10:55 PM - 11:00 PM | 43.4 | 55.9 | 40.7 |
| 11:00 PM - 11:05 PM | 44.3 | 57.5 | 40.9 |
| 11:05 PM - 11:10 PM | 44.7 | 60.6 | 40.2 |
| 11:10 PM - 11:15 PM | 40.4 | 46.4 | 39.3 |
| 11:15 PM - 11:20 PM | 41.4 | 56.3 | 38.5 |
| 11:20 PM - 11:25 PM | 40.4 | 51.9 | 37.9 |
| 11:25 PM - 11:30 PM | 46.3 | 65.8 | 39.1 |
| 11:30 PM - 11:35 PM | 48.2 | 63.7 | 38.4 |
| 11:35 PM - 11:40 PM | 42.9 | 55.8 | 38.2 |
| 11:40 PM - 11:45 PM | 44.9 | 63.7 | 37.4 |
| 11:45 PM - 11:50 PM | 41.8 | 57.3 | 36.5 |
| 11:50 PM - 11:55 PM | 39.5 | 44.8 | 36.5 |
| 11:55 PM - 12:00 AM | 50.5 | 70.6 | 39.0 |
| 12:00 AM - 12:05 AM | 43.9 | 60.8 | 38.7 |
| 12:05 AM - 12:10 AM | 49.6 | 67.4 | 39.1 |
| 12:10 AM - 12:15 AM | 45.8 | 60.3 | 39.1 |
| 12:15 AM - 12:20 AM | 40.9 | 51.9 | 37.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854840-1



**Sample No.** 23128880-15
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:20 AM - 12:25 AM | 42.1 | 53.4 | 38.3 |
| 12:25 AM - 12:30 AM | 41.3 | 51.8 | 37.8 |
| 12:30 AM - 12:35 AM | 43.4 | 58.1 | 38.1 |
| 12:35 AM - 12:40 AM | 42.0 | 51.9 | 38.2 |
| 12:40 AM - 12:45 AM | 42.2 | 59.7 | 38.4 |
| 12:45 AM - 12:50 AM | 41.7 | 52.1 | 38.1 |
| 12:50 AM - 12:55 AM | 43.4 | 56.3 | 37.8 |
| 12:55 AM - 01:00 AM | 46.7 | 65.6 | 37.3 |
| 01:00 AM - 01:05 AM | 44.7 | 54.9 | 38.9 |
| 01:05 AM - 01:10 AM | 43.1 | 54.7 | 38.1 |
| 01:10 AM - 01:15 AM | 48.5 | 69.2 | 37.6 |
| 01:15 AM - 01:20 AM | 43.9 | 54.4 | 38.1 |
| 01:20 AM - 01:25 AM | 42.9 | 54.5 | 37.1 |
| 01:25 AM - 01:30 AM | 42.1 | 55.2 | 35.9 |
| 01:30 AM - 01:35 AM | 42.7 | 55.1 | 35.1 |
| 01:35 AM - 01:40 AM | 42.5 | 56.9 | 34.3 |
| 01:40 AM - 01:45 AM | 42.1 | 57.2 | 34.5 |
| 01:45 AM - 01:50 AM | 39.4 | 52.8 | 34.5 |
| 01:50 AM - 01:55 AM | 38.2 | 51.1 | 35.5 |
| 01:55 AM - 02:00 AM | 44.0 | 60.2 | 36.3 |
| 02:00 AM - 02:05 AM | 44.5 | 60.5 | 38.3 |
| 02:05 AM - 02:10 AM | 56.5 | 77.2 | 38.7 |
| 02:10 AM - 02:15 AM | 45.6 | 62.8 | 39.5 |
| 02:15 AM - 02:20 AM | 40.8 | 51.4 | 37.8 |
| 02:20 AM - 02:25 AM | 42.4 | 58.7 | 37.2 |
| 02:25 AM - 02:30 AM | 41.4 | 55.8 | 37.4 |
| 02:30 AM - 02:35 AM | 40.6 | 54.5 | 36.7 |
| 02:35 AM - 02:40 AM | 50.7 | 66.0 | 35.8 |
| 02:40 AM - 02:45 AM | 60.0 | 78.1 | 38.3 |
| 02:45 AM - 02:50 AM | 56.1 | 77.7 | 36.5 |
| 02:50 AM - 02:55 AM | 43.4 | 54.0 | 36.5 |
| 02:55 AM - 03:00 AM | 43.5 | 54.2 | 35.3 |
| 03:00 AM - 03:05 AM | 43.8 | 54.5 | 36.3 |
| 03:05 AM - 03:10 AM | 44.6 | 57.5 | 35.3 |
| 03:10 AM - 03:15 AM | 44.9 | 56.1 | 34.4 |
| 03:15 AM - 03:20 AM | 47.7 | 62.5 | 36.5 |
| 03:20 AM - 03:25 AM | 47.9 | 65.8 | 35.2 |
| 03:25 AM - 03:30 AM | 45.8 | 61.4 | 33.9 |
| 03:30 AM - 03:35 AM | 44.4 | 56.0 | 34.3 |
| 03:35 AM - 03:40 AM | 45.1 | 56.3 | 35.0 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854840-1



**Sample No.** 23128880-15
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:40 AM - 03:45 AM | 46.3 | 56.9 | 35.8 |
| 03:45 AM - 03:50 AM | 48.0 | 61.4 | 36.4 |
| 03:50 AM - 03:55 AM | 47.4 | 57.4 | 37.0 |
| 03:55 AM - 04:00 AM | 49.5 | 68.2 | 36.1 |
| 04:00 AM - 04:05 AM | 44.6 | 56.3 | 34.5 |
| 04:05 AM - 04:10 AM | 44.2 | 62.4 | 35.5 |
| 04:10 AM - 04:15 AM | 45.0 | 65.0 | 35.2 |
| 04:15 AM - 04:20 AM | 47.1 | 59.1 | 35.4 |
| 04:20 AM - 04:25 AM | 47.7 | 62.6 | 36.1 |
| 04:25 AM - 04:30 AM | 47.2 | 57.7 | 36.4 |
| 04:30 AM - 04:35 AM | 48.4 | 60.5 | 36.5 |
| 04:35 AM - 04:40 AM | 48.9 | 60.3 | 36.2 |
| 04:40 AM - 04:45 AM | 48.9 | 57.0 | 37.1 |
| 04:45 AM - 04:50 AM | 50.2 | 59.7 | 37.3 |
| 04:50 AM - 04:55 AM | 49.9 | 58.7 | 36.9 |
| 04:55 AM - 05:00 AM | 50.5 | 57.8 | 37.0 |
| 05:00 AM - 05:05 AM | 52.8 | 65.6 | 37.2 |
| 05:05 AM - 05:10 AM | 50.8 | 60.3 | 37.8 |
| 05:10 AM - 05:15 AM | 63.1 | 83.4 | 39.3 |
| 05:15 AM - 05:20 AM | 52.6 | 60.4 | 39.0 |
| 05:20 AM - 05:25 AM | 54.6 | 69.0 | 39.1 |
| 05:25 AM - 05:30 AM | 52.7 | 63.3 | 39.2 |
| 05:30 AM - 05:35 AM | 53.5 | 64.9 | 40.5 |
| 05:35 AM - 05:40 AM | 53.6 | 59.7 | 41.4 |
| 05:40 AM - 05:45 AM | 54.2 | 64.1 | 44.5 |
| 05:45 AM - 05:50 AM | 54.6 | 65.0 | 51.2 |
| 05:50 AM - 05:55 AM | 55.8 | 67.3 | 52.0 |
| 05:55 AM - 06:00 AM | 57.2 | 68.1 | 52.5 |
| 06:00 AM - 07:00 AM | 60.3 | 89.1 | 44.6 |
| 07:00 AM - 08:00 AM | 56.0 | 80.3 | 42.5 |
| 08:00 AM - 09:00 AM | 54.1 | 81.8 | 38.4 |
| 09:00 AM - 10:00 AM | 50.6 | 74.2 | 38.1 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854841-1



**Sample No.** 23128880-16
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 49.5 | 71.9 | 37.1 |
| 11:00 AM - 12:00 PM | 53.3 | 76.6 | 36.3 |
| 12:00 PM - 01:00 PM | 52.2 | 75.7 | 43.9 |
| 01:00 PM - 02:00 PM | 52.9 | 75.5 | 43.8 |
| 02:00 PM - 03:00 PM | 52.3 | 74.8 | 45.0 |
| 03:00 PM - 04:00 PM | 51.4 | 70.9 | 45.2 |
| 04:00 PM - 05:00 PM | 53.2 | 75.7 | 44.6 |
| 05:00 PM - 06:00 PM | 54.9 | 79.1 | 47.0 |
| 06:00 PM - 07:00 PM | 56.1 | 72.3 | 52.9 |
| 07:00 PM - 08:00 PM | 56.2 | 86.1 | 45.3 |
| 08:00 PM - 09:00 PM | 49.7 | 73.2 | 44.5 |
| 09:00 PM - 10:00 PM | 48.0 | 66.7 | 44.3 |
| 10:00 PM - 10:05 PM | 48.5 | 61.3 | 44.0 |
| 10:05 PM - 10:10 PM | 46.4 | 52.6 | 44.5 |
| 10:10 PM - 10:15 PM | 46.6 | 59.2 | 44.2 |
| 10:15 PM - 10:20 PM | 49.8 | 63.4 | 45.0 |
| 10:20 PM - 10:25 PM | 47.6 | 64.2 | 44.7 |
| 10:25 PM - 10:30 PM | 49.3 | 66.5 | 43.8 |
| 10:30 PM - 10:35 PM | 50.7 | 69.4 | 44.6 |
| 10:35 PM - 10:40 PM | 48.1 | 60.3 | 44.8 |
| 10:40 PM - 10:45 PM | 47.6 | 60.7 | 45.1 |
| 10:45 PM - 10:50 PM | 56.4 | 79.2 | 45.3 |
| 10:50 PM - 10:55 PM | 50.0 | 64.6 | 45.8 |
| 10:55 PM - 11:00 PM | 50.7 | 68.2 | 45.6 |
| 11:00 PM - 11:05 PM | 49.3 | 61.3 | 44.6 |
| 11:05 PM - 11:10 PM | 47.8 | 58.1 | 45.3 |
| 11:10 PM - 11:15 PM | 49.1 | 53.7 | 45.8 |
| 11:15 PM - 11:20 PM | 47.5 | 50.9 | 45.1 |
| 11:20 PM - 11:25 PM | 49.1 | 58.8 | 46.0 |
| 11:25 PM - 11:30 PM | 48.9 | 60.7 | 44.4 |
| 11:30 PM - 11:35 PM | 49.3 | 61.6 | 45.5 |
| 11:35 PM - 11:40 PM | 50.5 | 64.4 | 45.9 |
| 11:40 PM - 11:45 PM | 49.8 | 62.7 | 46.1 |
| 11:45 PM - 11:50 PM | 48.3 | 55.3 | 44.6 |
| 11:50 PM - 11:55 PM | 49.6 | 61.6 | 47.5 |
| 11:55 PM - 12:00 AM | 48.9 | 57.3 | 45.9 |
| 12:00 AM - 12:05 AM | 48.7 | 59.6 | 45.3 |
| 12:05 AM - 12:10 AM | 50.9 | 63.6 | 45.5 |
| 12:10 AM - 12:15 AM | 48.8 | 58.4 | 45.7 |
| 12:15 AM - 12:20 AM | 47.0 | 57.2 | 44.0 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854841-1



**Sample No.** 23128880-16
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:20 AM - 12:25 AM | 49.3 | 65.1 | 45.1 |
| 12:25 AM - 12:30 AM | 49.6 | 51.0 | 48.8 |
| 12:30 AM - 12:35 AM | 46.3 | 61.5 | 43.7 |
| 12:35 AM - 12:40 AM | 50.4 | 71.0 | 43.3 |
| 12:40 AM - 12:45 AM | 48.5 | 59.7 | 45.5 |
| 12:45 AM - 12:50 AM | 49.6 | 60.8 | 47.7 |
| 12:50 AM - 12:55 AM | 49.4 | 66.3 | 44.0 |
| 12:55 AM - 01:00 AM | 47.9 | 53.4 | 45.5 |
| 01:00 AM - 01:05 AM | 49.1 | 64.9 | 45.2 |
| 01:05 AM - 01:10 AM | 50.9 | 69.2 | 46.0 |
| 01:10 AM - 01:15 AM | 54.2 | 76.3 | 45.1 |
| 01:15 AM - 01:20 AM | 49.6 | 62.7 | 45.2 |
| 01:20 AM - 01:25 AM | 46.7 | 54.6 | 45.1 |
| 01:25 AM - 01:30 AM | 45.5 | 53.2 | 43.9 |
| 01:30 AM - 01:35 AM | 45.2 | 50.9 | 44.5 |
| 01:35 AM - 01:40 AM | 48.9 | 61.7 | 46.1 |
| 01:40 AM - 01:45 AM | 47.1 | 52.0 | 43.8 |
| 01:45 AM - 01:50 AM | 47.7 | 56.5 | 44.8 |
| 01:50 AM - 01:55 AM | 46.2 | 55.7 | 44.9 |
| 01:55 AM - 02:00 AM | 50.4 | 65.7 | 43.9 |
| 02:00 AM - 02:05 AM | 47.8 | 62.7 | 45.4 |
| 02:05 AM - 02:10 AM | 47.2 | 56.0 | 45.4 |
| 02:10 AM - 02:15 AM | 48.3 | 60.0 | 46.0 |
| 02:15 AM - 02:20 AM | 48.1 | 52.9 | 46.0 |
| 02:20 AM - 02:25 AM | 49.6 | 65.0 | 45.2 |
| 02:25 AM - 02:30 AM | 50.1 | 62.4 | 47.7 |
| 02:30 AM - 02:35 AM | 48.1 | 50.4 | 46.5 |
| 02:35 AM - 02:40 AM | 47.2 | 51.6 | 44.9 |
| 02:40 AM - 02:45 AM | 48.0 | 51.4 | 45.1 |
| 02:45 AM - 02:50 AM | 47.2 | 59.3 | 44.6 |
| 02:50 AM - 02:55 AM | 47.5 | 59.9 | 45.0 |
| 02:55 AM - 03:00 AM | 48.2 | 59.2 | 46.7 |
| 03:00 AM - 03:05 AM | 47.0 | 54.1 | 44.2 |
| 03:05 AM - 03:10 AM | 49.4 | 63.0 | 47.8 |
| 03:10 AM - 03:15 AM | 48.8 | 55.2 | 46.1 |
| 03:15 AM - 03:20 AM | 49.1 | 59.1 | 46.4 |
| 03:20 AM - 03:25 AM | 48.0 | 50.9 | 46.3 |
| 03:25 AM - 03:30 AM | 47.9 | 57.7 | 44.8 |
| 03:30 AM - 03:35 AM | 48.3 | 55.5 | 44.2 |
| 03:35 AM - 03:40 AM | 50.6 | 65.6 | 47.8 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854841-1



**Sample No.** 23128880-16
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:40 AM - 03:45 AM | 51.3 | 66.7 | 48.0 |
| 03:45 AM - 03:50 AM | 49.3 | 54.8 | 44.5 |
| 03:50 AM - 03:55 AM | 48.9 | 59.1 | 45.8 |
| 03:55 AM - 04:00 AM | 49.3 | 53.2 | 48.0 |
| 04:00 AM - 04:05 AM | 49.0 | 63.5 | 45.5 |
| 04:05 AM - 04:10 AM | 48.8 | 57.8 | 46.5 |
| 04:10 AM - 04:15 AM | 50.1 | 53.1 | 48.7 |
| 04:15 AM - 04:20 AM | 49.8 | 55.1 | 45.9 |
| 04:20 AM - 04:25 AM | 50.1 | 63.1 | 48.2 |
| 04:25 AM - 04:30 AM | 50.9 | 66.7 | 48.3 |
| 04:30 AM - 04:35 AM | 48.7 | 63.5 | 45.2 |
| 04:35 AM - 04:40 AM | 46.5 | 56.9 | 44.8 |
| 04:40 AM - 04:45 AM | 48.3 | 58.5 | 45.5 |
| 04:45 AM - 04:50 AM | 48.2 | 59.5 | 45.2 |
| 04:50 AM - 04:55 AM | 51.1 | 65.4 | 47.7 |
| 04:55 AM - 05:00 AM | 63.0 | 83.2 | 48.2 |
| 05:00 AM - 05:05 AM | 52.9 | 67.5 | 49.1 |
| 05:05 AM - 05:10 AM | 49.8 | 59.7 | 46.7 |
| 05:10 AM - 05:15 AM | 49.2 | 58.2 | 45.9 |
| 05:15 AM - 05:20 AM | 59.0 | 79.3 | 48.1 |
| 05:20 AM - 05:25 AM | 50.6 | 62.7 | 48.7 |
| 05:25 AM - 05:30 AM | 50.2 | 64.9 | 45.2 |
| 05:30 AM - 05:35 AM | 48.8 | 58.2 | 46.8 |
| 05:35 AM - 05:40 AM | 49.3 | 56.4 | 47.0 |
| 05:40 AM - 05:45 AM | 51.1 | 67.4 | 45.5 |
| 05:45 AM - 05:50 AM | 51.1 | 63.6 | 46.6 |
| 05:50 AM - 05:55 AM | 56.0 | 74.7 | 45.6 |
| 05:55 AM - 06:00 AM | 54.1 | 71.8 | 45.5 |
| 06:00 AM - 07:00 AM | 53.7 | 83.5 | 45.6 |
| 07:00 AM - 08:00 AM | 57.6 | 87.3 | 46.3 |
| 08:00 AM - 09:00 AM | 52.5 | 77.9 | 44.6 |
| 09:00 AM - 10:00 AM | 51.2 | 69.3 | 44.1 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854842-1



**Sample No.** 23128880-17
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 53.2 | 81.9 | 43.5 |
| 11:00 AM - 12:00 PM | 50.4 | 72.8 | 41.9 |
| 12:00 PM - 01:00 PM | 52.0 | 79.0 | 41.6 |
| 01:00 PM - 02:00 PM | 49.8 | 68.7 | 41.1 |
| 02:00 PM - 03:00 PM | 47.7 | 68.4 | 39.5 |
| 03:00 PM - 04:00 PM | 51.0 | 76.3 | 45.0 |
| 04:00 PM - 05:00 PM | 51.8 | 72.5 | 46.9 |
| 05:00 PM - 06:00 PM | 50.4 | 70.0 | 42.3 |
| 06:00 PM - 07:00 PM | 51.1 | 76.5 | 47.0 |
| 07:00 PM - 08:00 PM | 51.2 | 78.9 | 46.2 |
| 08:00 PM - 09:00 PM | 49.0 | 66.7 | 44.3 |
| 09:00 PM - 10:00 PM | 48.0 | 68.7 | 41.9 |
| 10:00 PM - 10:05 PM | 44.9 | 50.6 | 41.1 |
| 10:05 PM - 10:10 PM | 44.9 | 51.8 | 41.5 |
| 10:10 PM - 10:15 PM | 48.9 | 68.4 | 41.7 |
| 10:15 PM - 10:20 PM | 44.7 | 55.1 | 41.6 |
| 10:20 PM - 10:25 PM | 43.3 | 50.3 | 41.7 |
| 10:25 PM - 10:30 PM | 46.7 | 56.4 | 41.7 |
| 10:30 PM - 10:35 PM | 48.8 | 66.6 | 41.6 |
| 10:35 PM - 10:40 PM | 44.9 | 52.0 | 40.2 |
| 10:40 PM - 10:45 PM | 46.2 | 57.0 | 40.5 |
| 10:45 PM - 10:50 PM | 47.1 | 52.3 | 41.9 |
| 10:50 PM - 10:55 PM | 47.8 | 59.1 | 41.7 |
| 10:55 PM - 11:00 PM | 47.2 | 58.2 | 41.9 |
| 11:00 PM - 11:05 PM | 49.4 | 65.0 | 42.3 |
| 11:05 PM - 11:10 PM | 47.2 | 53.0 | 43.3 |
| 11:10 PM - 11:15 PM | 46.6 | 56.4 | 40.9 |
| 11:15 PM - 11:20 PM | 46.1 | 51.2 | 41.3 |
| 11:20 PM - 11:25 PM | 46.8 | 51.8 | 41.9 |
| 11:25 PM - 11:30 PM | 46.4 | 58.4 | 41.0 |
| 11:30 PM - 11:35 PM | 47.5 | 63.1 | 41.6 |
| 11:35 PM - 11:40 PM | 44.8 | 54.0 | 40.5 |
| 11:40 PM - 11:45 PM | 45.0 | 55.6 | 39.9 |
| 11:45 PM - 11:50 PM | 45.6 | 58.5 | 40.2 |
| 11:50 PM - 11:55 PM | 44.8 | 50.2 | 41.1 |
| 11:55 PM - 12:00 AM | 46.4 | 61.4 | 41.0 |
| 12:00 AM - 12:05 AM | 46.0 | 59.8 | 40.4 |
| 12:05 AM - 12:10 AM | 46.6 | 61.2 | 41.3 |
| 12:10 AM - 12:15 AM | 44.6 | 53.9 | 41.9 |
| 12:15 AM - 12:20 AM | 44.3 | 57.6 | 41.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854842-1



**Sample No.** 23128880-17
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:20 AM - 12:25 AM | 42.8 | 56.1 | 40.0 |
| 12:25 AM - 12:30 AM | 44.0 | 59.6 | 39.4 |
| 12:30 AM - 12:35 AM | 41.8 | 44.7 | 39.7 |
| 12:35 AM - 12:40 AM | 45.4 | 65.7 | 39.8 |
| 12:40 AM - 12:45 AM | 44.5 | 58.7 | 40.4 |
| 12:45 AM - 12:50 AM | 47.9 | 65.2 | 42.0 |
| 12:50 AM - 12:55 AM | 43.7 | 57.0 | 39.0 |
| 12:55 AM - 01:00 AM | 43.4 | 47.6 | 41.7 |
| 01:00 AM - 01:05 AM | 45.3 | 71.0 | 39.9 |
| 01:05 AM - 01:10 AM | 46.6 | 63.5 | 39.9 |
| 01:10 AM - 01:15 AM | 43.2 | 47.1 | 41.1 |
| 01:15 AM - 01:20 AM | 44.3 | 56.3 | 39.4 |
| 01:20 AM - 01:25 AM | 42.3 | 47.4 | 39.4 |
| 01:25 AM - 01:30 AM | 42.1 | 47.1 | 38.7 |
| 01:30 AM - 01:35 AM | 42.0 | 46.2 | 39.9 |
| 01:35 AM - 01:40 AM | 42.8 | 48.5 | 41.2 |
| 01:40 AM - 01:45 AM | 42.2 | 49.5 | 38.7 |
| 01:45 AM - 01:50 AM | 41.9 | 49.5 | 40.1 |
| 01:50 AM - 01:55 AM | 42.9 | 53.1 | 39.9 |
| 01:55 AM - 02:00 AM | 44.2 | 60.4 | 41.0 |
| 02:00 AM - 02:05 AM | 45.5 | 58.8 | 41.5 |
| 02:05 AM - 02:10 AM | 42.7 | 48.9 | 40.0 |
| 02:10 AM - 02:15 AM | 45.7 | 60.4 | 42.8 |
| 02:15 AM - 02:20 AM | 43.5 | 48.9 | 40.4 |
| 02:20 AM - 02:25 AM | 45.4 | 59.9 | 41.1 |
| 02:25 AM - 02:30 AM | 43.9 | 51.0 | 41.0 |
| 02:30 AM - 02:35 AM | 47.8 | 64.7 | 40.8 |
| 02:35 AM - 02:40 AM | 47.6 | 67.2 | 42.1 |
| 02:40 AM - 02:45 AM | 44.3 | 53.1 | 41.2 |
| 02:45 AM - 02:50 AM | 55.7 | 75.6 | 42.8 |
| 02:50 AM - 02:55 AM | 44.0 | 48.4 | 41.4 |
| 02:55 AM - 03:00 AM | 48.9 | 68.4 | 42.5 |
| 03:00 AM - 03:05 AM | 43.5 | 48.4 | 41.0 |
| 03:05 AM - 03:10 AM | 57.8 | 78.7 | 41.6 |
| 03:10 AM - 03:15 AM | 42.3 | 46.8 | 40.8 |
| 03:15 AM - 03:20 AM | 42.3 | 46.2 | 40.1 |
| 03:20 AM - 03:25 AM | 43.7 | 57.0 | 40.2 |
| 03:25 AM - 03:30 AM | 44.1 | 50.3 | 40.9 |
| 03:30 AM - 03:35 AM | 44.5 | 48.6 | 42.7 |
| 03:35 AM - 03:40 AM | 43.9 | 49.9 | 41.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854842-1



**Sample No.** 23128880-17
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:40 AM - 03:45 AM | 43.7 | 48.8 | 41.3 |
| 03:45 AM - 03:50 AM | 44.2 | 55.2 | 40.1 |
| 03:50 AM - 03:55 AM | 44.2 | 49.0 | 41.7 |
| 03:55 AM - 04:00 AM | 45.7 | 59.9 | 43.3 |
| 04:00 AM - 04:05 AM | 45.0 | 50.2 | 42.6 |
| 04:05 AM - 04:10 AM | 45.0 | 50.2 | 43.1 |
| 04:10 AM - 04:15 AM | 43.1 | 48.7 | 40.2 |
| 04:15 AM - 04:20 AM | 44.3 | 51.3 | 42.8 |
| 04:20 AM - 04:25 AM | 44.2 | 57.5 | 42.4 |
| 04:25 AM - 04:30 AM | 43.3 | 48.2 | 41.2 |
| 04:30 AM - 04:35 AM | 45.6 | 55.6 | 43.8 |
| 04:35 AM - 04:40 AM | 44.5 | 53.8 | 41.2 |
| 04:40 AM - 04:45 AM | 45.0 | 55.6 | 43.1 |
| 04:45 AM - 04:50 AM | 44.4 | 50.8 | 42.3 |
| 04:50 AM - 04:55 AM | 45.7 | 59.1 | 42.3 |
| 04:55 AM - 05:00 AM | 44.6 | 55.3 | 42.3 |
| 05:00 AM - 05:05 AM | 45.1 | 55.3 | 42.5 |
| 05:05 AM - 05:10 AM | 53.7 | 71.0 | 43.1 |
| 05:10 AM - 05:15 AM | 47.3 | 60.2 | 43.1 |
| 05:15 AM - 05:20 AM | 49.2 | 63.9 | 43.3 |
| 05:20 AM - 05:25 AM | 47.4 | 56.9 | 42.6 |
| 05:25 AM - 05:30 AM | 46.0 | 56.9 | 43.4 |
| 05:30 AM - 05:35 AM | 56.5 | 75.7 | 43.6 |
| 05:35 AM - 05:40 AM | 47.4 | 59.8 | 43.6 |
| 05:40 AM - 05:45 AM | 45.8 | 52.9 | 43.8 |
| 05:45 AM - 05:50 AM | 47.7 | 60.3 | 44.7 |
| 05:50 AM - 05:55 AM | 47.2 | 60.1 | 44.2 |
| 05:55 AM - 06:00 AM | 52.0 | 68.9 | 44.4 |
| 06:00 AM - 07:00 AM | 48.5 | 70.7 | 43.1 |
| 07:00 AM - 08:00 AM | 51.2 | 76.8 | 41.5 |
| 08:00 AM - 09:00 AM | 48.6 | 70.0 | 40.7 |
| 09:00 AM - 10:00 AM | 51.6 | 77.4 | 41.9 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854843-1



**Sample No.** 23128880-18
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 51.8 | 78.2 | 41.8 |
| 11:00 AM - 12:00 PM | 49.0 | 71.7 | 41.2 |
| 12:00 PM - 01:00 PM | 51.0 | 76.4 | 41.5 |
| 01:00 PM - 02:00 PM | 49.0 | 76.2 | 41.8 |
| 02:00 PM - 03:00 PM | 49.7 | 71.6 | 39.5 |
| 03:00 PM - 04:00 PM | 51.3 | 77.2 | 39.0 |
| 04:00 PM - 05:00 PM | 49.6 | 73.1 | 40.1 |
| 05:00 PM - 06:00 PM | 50.2 | 73.3 | 40.2 |
| 06:00 PM - 07:00 PM | 49.8 | 70.3 | 44.7 |
| 07:00 PM - 08:00 PM | 48.6 | 71.6 | 43.4 |
| 08:00 PM - 09:00 PM | 49.2 | 78.4 | 42.4 |
| 09:00 PM - 10:00 PM | 49.8 | 78.0 | 41.0 |
| 10:00 PM - 10:05 PM | 42.9 | 53.2 | 39.8 |
| 10:05 PM - 10:10 PM | 43.3 | 58.5 | 39.8 |
| 10:10 PM - 10:15 PM | 41.4 | 46.2 | 39.9 |
| 10:15 PM - 10:20 PM | 47.8 | 62.4 | 38.5 |
| 10:20 PM - 10:25 PM | 46.7 | 62.1 | 40.4 |
| 10:25 PM - 10:30 PM | 45.7 | 61.6 | 40.8 |
| 10:30 PM - 10:35 PM | 57.5 | 79.5 | 41.2 |
| 10:35 PM - 10:40 PM | 43.3 | 56.8 | 39.7 |
| 10:40 PM - 10:45 PM | 42.6 | 48.8 | 38.4 |
| 10:45 PM - 10:50 PM | 47.5 | 70.7 | 37.8 |
| 10:50 PM - 10:55 PM | 58.8 | 70.9 | 49.5 |
| 10:55 PM - 11:00 PM | 58.4 | 70.8 | 45.0 |
| 11:00 PM - 11:05 PM | 49.8 | 62.7 | 41.0 |
| 11:05 PM - 11:10 PM | 43.9 | 53.8 | 39.7 |
| 11:10 PM - 11:15 PM | 45.8 | 60.5 | 41.4 |
| 11:15 PM - 11:20 PM | 44.2 | 49.4 | 39.5 |
| 11:20 PM - 11:25 PM | 46.5 | 60.0 | 39.6 |
| 11:25 PM - 11:30 PM | 44.8 | 59.2 | 38.4 |
| 11:30 PM - 11:35 PM | 42.7 | 58.9 | 38.8 |
| 11:35 PM - 11:40 PM | 43.2 | 55.6 | 39.4 |
| 11:40 PM - 11:45 PM | 41.8 | 46.5 | 39.3 |
| 11:45 PM - 11:50 PM | 44.3 | 60.5 | 38.7 |
| 11:50 PM - 11:55 PM | 40.5 | 47.7 | 38.4 |
| 11:55 PM - 12:00 AM | 43.7 | 54.9 | 39.3 |
| 12:00 AM - 12:05 AM | 44.5 | 63.7 | 38.5 |
| 12:05 AM - 12:10 AM | 45.1 | 58.0 | 39.8 |
| 12:10 AM - 12:15 AM | 44.3 | 59.6 | 38.9 |
| 12:15 AM - 12:20 AM | 44.8 | 62.3 | 39.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854843-1



**Sample No.** 23128880-18
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:20 AM - 12:25 AM | 49.5 | 66.6 | 39.3 |
| 12:25 AM - 12:30 AM | 49.0 | 58.6 | 42.1 |
| 12:30 AM - 12:35 AM | 43.8 | 56.0 | 40.4 |
| 12:35 AM - 12:40 AM | 43.1 | 58.6 | 39.9 |
| 12:40 AM - 12:45 AM | 42.1 | 53.0 | 40.2 |
| 12:45 AM - 12:50 AM | 46.9 | 69.0 | 40.1 |
| 12:50 AM - 12:55 AM | 42.4 | 47.4 | 40.1 |
| 12:55 AM - 01:00 AM | 46.2 | 61.5 | 39.9 |
| 01:00 AM - 01:05 AM | 42.0 | 46.4 | 39.8 |
| 01:05 AM - 01:10 AM | 52.0 | 68.2 | 40.8 |
| 01:10 AM - 01:15 AM | 47.2 | 65.0 | 40.5 |
| 01:15 AM - 01:20 AM | 43.2 | 49.7 | 40.3 |
| 01:20 AM - 01:25 AM | 49.0 | 68.4 | 39.3 |
| 01:25 AM - 01:30 AM | 42.7 | 57.2 | 39.2 |
| 01:30 AM - 01:35 AM | 41.5 | 44.8 | 39.2 |
| 01:35 AM - 01:40 AM | 41.3 | 45.3 | 39.2 |
| 01:40 AM - 01:45 AM | 43.0 | 50.6 | 39.7 |
| 01:45 AM - 01:50 AM | 42.2 | 52.0 | 39.0 |
| 01:50 AM - 01:55 AM | 42.3 | 46.5 | 39.8 |
| 01:55 AM - 02:00 AM | 43.4 | 58.0 | 39.0 |
| 02:00 AM - 02:05 AM | 42.8 | 54.7 | 39.4 |
| 02:05 AM - 02:10 AM | 42.1 | 46.9 | 38.9 |
| 02:10 AM - 02:15 AM | 43.8 | 59.8 | 39.7 |
| 02:15 AM - 02:20 AM | 44.5 | 57.0 | 39.6 |
| 02:20 AM - 02:25 AM | 41.9 | 47.1 | 39.9 |
| 02:25 AM - 02:30 AM | 43.9 | 57.4 | 41.5 |
| 02:30 AM - 02:35 AM | 46.7 | 72.2 | 40.5 |
| 02:35 AM - 02:40 AM | 52.3 | 72.9 | 40.4 |
| 02:40 AM - 02:45 AM | 43.5 | 56.8 | 39.7 |
| 02:45 AM - 02:50 AM | 44.5 | 56.3 | 40.3 |
| 02:50 AM - 02:55 AM | 43.5 | 59.0 | 39.8 |
| 02:55 AM - 03:00 AM | 44.7 | 58.0 | 40.8 |
| 03:00 AM - 03:05 AM | 42.8 | 51.0 | 40.2 |
| 03:05 AM - 03:10 AM | 43.4 | 55.6 | 40.3 |
| 03:10 AM - 03:15 AM | 42.7 | 46.1 | 40.4 |
| 03:15 AM - 03:20 AM | 44.0 | 56.7 | 40.0 |
| 03:20 AM - 03:25 AM | 43.8 | 47.7 | 41.6 |
| 03:25 AM - 03:30 AM | 44.0 | 52.5 | 40.6 |
| 03:30 AM - 03:35 AM | 42.2 | 45.6 | 39.8 |
| 03:35 AM - 03:40 AM | 42.7 | 46.3 | 41.0 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854843-1



**Sample No.** 23128880-18
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:40 AM - 03:45 AM | 42.6 | 53.2 | 39.8 |
| 03:45 AM - 03:50 AM | 49.3 | 67.1 | 39.8 |
| 03:50 AM - 03:55 AM | 43.9 | 51.7 | 42.1 |
| 03:55 AM - 04:00 AM | 42.9 | 49.2 | 40.5 |
| 04:00 AM - 04:05 AM | 43.0 | 46.7 | 39.5 |
| 04:05 AM - 04:10 AM | 53.6 | 70.7 | 40.1 |
| 04:10 AM - 04:15 AM | 42.6 | 51.1 | 40.1 |
| 04:15 AM - 04:20 AM | 41.2 | 51.2 | 39.0 |
| 04:20 AM - 04:25 AM | 43.1 | 53.8 | 39.9 |
| 04:25 AM - 04:30 AM | 41.7 | 48.6 | 39.2 |
| 04:30 AM - 04:35 AM | 44.0 | 57.5 | 39.4 |
| 04:35 AM - 04:40 AM | 43.4 | 54.8 | 40.1 |
| 04:40 AM - 04:45 AM | 44.9 | 56.3 | 40.5 |
| 04:45 AM - 04:50 AM | 44.7 | 60.0 | 40.7 |
| 04:50 AM - 04:55 AM | 44.9 | 53.9 | 41.2 |
| 04:55 AM - 05:00 AM | 45.1 | 64.1 | 41.6 |
| 05:00 AM - 05:05 AM | 44.6 | 56.9 | 41.8 |
| 05:05 AM - 05:10 AM | 46.1 | 59.1 | 42.3 |
| 05:10 AM - 05:15 AM | 54.6 | 70.7 | 43.6 |
| 05:15 AM - 05:20 AM | 50.7 | 66.6 | 42.8 |
| 05:20 AM - 05:25 AM | 45.9 | 58.5 | 42.0 |
| 05:25 AM - 05:30 AM | 58.2 | 77.8 | 44.2 |
| 05:30 AM - 05:35 AM | 53.1 | 72.0 | 43.6 |
| 05:35 AM - 05:40 AM | 47.6 | 58.6 | 44.4 |
| 05:40 AM - 05:45 AM | 47.9 | 61.2 | 44.2 |
| 05:45 AM - 05:50 AM | 48.6 | 63.9 | 45.0 |
| 05:50 AM - 05:55 AM | 52.2 | 68.7 | 45.5 |
| 05:55 AM - 06:00 AM | 48.8 | 59.2 | 45.2 |
| 06:00 AM - 07:00 AM | 52.7 | 76.4 | 43.7 |
| 07:00 AM - 08:00 AM | 51.7 | 71.8 | 41.6 |
| 08:00 AM - 09:00 AM | 51.4 | 74.6 | 41.3 |
| 09:00 AM - 10:00 AM | 50.2 | 76.4 | 41.3 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854844-1



**Sample No.** 23128880-19
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 48.9 | 66.9 | 42.1 |
| 11:00 AM - 12:00 PM | 50.7 | 78.2 | 39.7 |
| 12:00 PM - 01:00 PM | 48.2 | 65.5 | 40.7 |
| 01:00 PM - 02:00 PM | 48.6 | 70.5 | 39.4 |
| 02:00 PM - 03:00 PM | 51.0 | 76.6 | 40.9 |
| 03:00 PM - 04:00 PM | 50.6 | 77.3 | 40.0 |
| 04:00 PM - 05:00 PM | 51.2 | 76.5 | 40.5 |
| 05:00 PM - 06:00 PM | 52.4 | 80.1 | 41.6 |
| 06:00 PM - 07:00 PM | 53.7 | 82.6 | 44.6 |
| 07:00 PM - 08:00 PM | 50.6 | 75.5 | 44.1 |
| 08:00 PM - 09:00 PM | 49.5 | 72.4 | 43.9 |
| 09:00 PM - 10:00 PM | 48.3 | 67.0 | 44.6 |
| 10:00 PM - 10:05 PM | 48.8 | 61.6 | 44.3 |
| 10:05 PM - 10:10 PM | 46.7 | 52.9 | 44.8 |
| 10:10 PM - 10:15 PM | 46.9 | 59.5 | 44.5 |
| 10:15 PM - 10:20 PM | 50.1 | 63.7 | 45.3 |
| 10:20 PM - 10:25 PM | 47.9 | 64.5 | 45.0 |
| 10:25 PM - 10:30 PM | 49.6 | 66.8 | 44.1 |
| 10:30 PM - 10:35 PM | 51.0 | 69.7 | 44.9 |
| 10:35 PM - 10:40 PM | 48.4 | 60.6 | 45.1 |
| 10:40 PM - 10:45 PM | 47.9 | 61.0 | 45.4 |
| 10:45 PM - 10:50 PM | 56.7 | 79.5 | 45.6 |
| 10:50 PM - 10:55 PM | 50.3 | 64.9 | 46.1 |
| 10:55 PM - 11:00 PM | 51.0 | 68.5 | 45.9 |
| 11:00 PM - 11:05 PM | 49.6 | 61.6 | 44.9 |
| 11:05 PM - 11:10 PM | 48.1 | 58.4 | 45.6 |
| 11:10 PM - 11:15 PM | 49.4 | 54.0 | 46.1 |
| 11:15 PM - 11:20 PM | 47.8 | 51.2 | 45.4 |
| 11:20 PM - 11:25 PM | 49.4 | 59.1 | 46.3 |
| 11:25 PM - 11:30 PM | 49.2 | 61.0 | 44.7 |
| 11:30 PM - 11:35 PM | 49.6 | 61.9 | 45.8 |
| 11:35 PM - 11:40 PM | 50.8 | 64.7 | 46.2 |
| 11:40 PM - 11:45 PM | 50.1 | 63.0 | 46.4 |
| 11:45 PM - 11:50 PM | 48.6 | 55.6 | 44.9 |
| 11:50 PM - 11:55 PM | 49.9 | 61.9 | 47.8 |
| 11:55 PM - 12:00 AM | 49.2 | 57.6 | 46.2 |
| 12:00 AM - 12:05 AM | 49.0 | 59.9 | 45.6 |
| 12:05 AM - 12:10 AM | 51.2 | 63.9 | 45.8 |
| 12:10 AM - 12:15 AM | 49.1 | 58.7 | 46.0 |
| 12:15 AM - 12:20 AM | 47.3 | 57.5 | 44.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854844-1



**Sample No.** 23128880-19
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:20 AM - 12:25 AM | 49.6 | 65.4 | 45.4 |
| 12:25 AM - 12:30 AM | 49.9 | 51.3 | 49.1 |
| 12:30 AM - 12:35 AM | 46.6 | 61.8 | 44.0 |
| 12:35 AM - 12:40 AM | 50.7 | 71.3 | 43.6 |
| 12:40 AM - 12:45 AM | 48.8 | 60.0 | 45.8 |
| 12:45 AM - 12:50 AM | 49.9 | 61.1 | 48.0 |
| 12:50 AM - 12:55 AM | 49.7 | 66.6 | 44.3 |
| 12:55 AM - 01:00 AM | 48.2 | 53.7 | 45.8 |
| 01:00 AM - 01:05 AM | 49.4 | 65.2 | 45.5 |
| 01:05 AM - 01:10 AM | 51.2 | 69.5 | 46.3 |
| 01:10 AM - 01:15 AM | 54.5 | 76.6 | 45.4 |
| 01:15 AM - 01:20 AM | 49.9 | 63.0 | 45.5 |
| 01:20 AM - 01:25 AM | 47.0 | 54.9 | 45.4 |
| 01:25 AM - 01:30 AM | 45.8 | 53.5 | 44.2 |
| 01:30 AM - 01:35 AM | 45.5 | 51.2 | 44.8 |
| 01:35 AM - 01:40 AM | 49.2 | 62.0 | 46.4 |
| 01:40 AM - 01:45 AM | 47.4 | 52.3 | 44.1 |
| 01:45 AM - 01:50 AM | 48.0 | 56.8 | 45.1 |
| 01:50 AM - 01:55 AM | 46.5 | 56.0 | 45.2 |
| 01:55 AM - 02:00 AM | 50.7 | 66.0 | 44.2 |
| 02:00 AM - 02:05 AM | 48.1 | 63.0 | 45.7 |
| 02:05 AM - 02:10 AM | 47.5 | 56.3 | 45.7 |
| 02:10 AM - 02:15 AM | 48.6 | 60.3 | 46.3 |
| 02:15 AM - 02:20 AM | 48.4 | 53.2 | 46.3 |
| 02:20 AM - 02:25 AM | 49.9 | 65.3 | 45.5 |
| 02:25 AM - 02:30 AM | 50.4 | 62.7 | 48.0 |
| 02:30 AM - 02:35 AM | 48.4 | 50.7 | 46.8 |
| 02:35 AM - 02:40 AM | 47.5 | 51.9 | 45.2 |
| 02:40 AM - 02:45 AM | 48.3 | 51.7 | 45.4 |
| 02:45 AM - 02:50 AM | 47.5 | 59.6 | 44.9 |
| 02:50 AM - 02:55 AM | 47.8 | 60.2 | 45.3 |
| 02:55 AM - 03:00 AM | 48.5 | 59.5 | 47.0 |
| 03:00 AM - 03:05 AM | 47.3 | 54.4 | 44.5 |
| 03:05 AM - 03:10 AM | 49.7 | 63.3 | 48.1 |
| 03:10 AM - 03:15 AM | 49.1 | 55.5 | 46.4 |
| 03:15 AM - 03:20 AM | 49.4 | 59.4 | 46.7 |
| 03:20 AM - 03:25 AM | 48.3 | 51.2 | 46.6 |
| 03:25 AM - 03:30 AM | 48.2 | 58.0 | 45.1 |
| 03:30 AM - 03:35 AM | 48.6 | 55.8 | 44.5 |
| 03:35 AM - 03:40 AM | 50.9 | 65.9 | 48.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854844-1



**Sample No.** 23128880-19
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:40 AM - 03:45 AM | 51.6 | 67.0 | 48.3 |
| 03:45 AM - 03:50 AM | 49.6 | 55.1 | 44.8 |
| 03:50 AM - 03:55 AM | 49.2 | 59.4 | 46.1 |
| 03:55 AM - 04:00 AM | 49.6 | 53.5 | 48.3 |
| 04:00 AM - 04:05 AM | 49.3 | 63.8 | 45.8 |
| 04:05 AM - 04:10 AM | 49.1 | 58.1 | 46.8 |
| 04:10 AM - 04:15 AM | 50.4 | 53.4 | 49.0 |
| 04:15 AM - 04:20 AM | 50.1 | 55.4 | 46.2 |
| 04:20 AM - 04:25 AM | 50.4 | 63.4 | 48.5 |
| 04:25 AM - 04:30 AM | 51.2 | 67.0 | 48.6 |
| 04:30 AM - 04:35 AM | 49.0 | 63.8 | 45.5 |
| 04:35 AM - 04:40 AM | 46.8 | 57.2 | 45.1 |
| 04:40 AM - 04:45 AM | 48.6 | 58.8 | 45.8 |
| 04:45 AM - 04:50 AM | 48.5 | 59.8 | 45.5 |
| 04:50 AM - 04:55 AM | 51.4 | 65.7 | 48.0 |
| 04:55 AM - 05:00 AM | 63.3 | 83.5 | 48.5 |
| 05:00 AM - 05:05 AM | 53.2 | 67.8 | 49.4 |
| 05:05 AM - 05:10 AM | 50.1 | 60.0 | 47.0 |
| 05:10 AM - 05:15 AM | 49.5 | 58.5 | 46.2 |
| 05:15 AM - 05:20 AM | 59.3 | 79.6 | 48.4 |
| 05:20 AM - 05:25 AM | 50.9 | 63.0 | 49.0 |
| 05:25 AM - 05:30 AM | 50.5 | 65.2 | 45.5 |
| 05:30 AM - 05:35 AM | 49.1 | 58.5 | 47.1 |
| 05:35 AM - 05:40 AM | 49.6 | 56.7 | 47.3 |
| 05:40 AM - 05:45 AM | 51.4 | 67.7 | 45.8 |
| 05:45 AM - 05:50 AM | 51.4 | 63.9 | 46.9 |
| 05:50 AM - 05:55 AM | 56.3 | 75.0 | 45.9 |
| 05:55 AM - 06:00 AM | 54.4 | 72.1 | 45.8 |
| 06:00 AM - 07:00 AM | 54.0 | 83.8 | 45.9 |
| 07:00 AM - 08:00 AM | 57.9 | 87.6 | 46.6 |
| 08:00 AM - 09:00 AM | 52.8 | 78.2 | 44.9 |
| 09:00 AM - 10:00 AM | 51.5 | 69.6 | 44.4 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854845-1



**Sample No.** 23128880-20
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 51.0 | 73.4 | 38.6 |
| 11:00 AM - 12:00 PM | 54.8 | 78.1 | 37.8 |
| 12:00 PM - 01:00 PM | 53.7 | 77.2 | 45.4 |
| 01:00 PM - 02:00 PM | 54.4 | 77.0 | 45.3 |
| 02:00 PM - 03:00 PM | 53.8 | 76.3 | 46.5 |
| 03:00 PM - 04:00 PM | 52.9 | 72.4 | 46.7 |
| 04:00 PM - 05:00 PM | 54.7 | 77.2 | 46.1 |
| 05:00 PM - 06:00 PM | 56.4 | 80.6 | 48.5 |
| 06:00 PM - 07:00 PM | 57.6 | 73.8 | 54.4 |
| 07:00 PM - 08:00 PM | 57.7 | 87.6 | 46.8 |
| 08:00 PM - 09:00 PM | 51.2 | 74.7 | 46.0 |
| 09:00 PM - 10:00 PM | 49.5 | 68.2 | 45.8 |
| 10:00 PM - 10:05 PM | 50.0 | 62.8 | 45.5 |
| 10:05 PM - 10:10 PM | 47.9 | 54.1 | 46.0 |
| 10:10 PM - 10:15 PM | 48.1 | 60.7 | 45.7 |
| 10:15 PM - 10:20 PM | 51.3 | 64.9 | 46.5 |
| 10:20 PM - 10:25 PM | 49.1 | 65.7 | 46.2 |
| 10:25 PM - 10:30 PM | 50.8 | 68.0 | 45.3 |
| 10:30 PM - 10:35 PM | 52.2 | 70.9 | 46.1 |
| 10:35 PM - 10:40 PM | 49.6 | 61.8 | 46.3 |
| 10:40 PM - 10:45 PM | 49.1 | 62.2 | 46.6 |
| 10:45 PM - 10:50 PM | 57.9 | 80.7 | 46.8 |
| 10:50 PM - 10:55 PM | 51.5 | 66.1 | 47.3 |
| 10:55 PM - 11:00 PM | 52.2 | 69.7 | 47.1 |
| 11:00 PM - 11:05 PM | 50.8 | 62.8 | 46.1 |
| 11:05 PM - 11:10 PM | 49.3 | 59.6 | 46.8 |
| 11:10 PM - 11:15 PM | 50.6 | 55.2 | 47.3 |
| 11:15 PM - 11:20 PM | 49.0 | 52.4 | 46.6 |
| 11:20 PM - 11:25 PM | 50.6 | 60.3 | 47.5 |
| 11:25 PM - 11:30 PM | 50.4 | 62.2 | 45.9 |
| 11:30 PM - 11:35 PM | 50.8 | 63.1 | 47.0 |
| 11:35 PM - 11:40 PM | 52.0 | 65.9 | 47.4 |
| 11:40 PM - 11:45 PM | 51.3 | 64.2 | 47.6 |
| 11:45 PM - 11:50 PM | 49.8 | 56.8 | 46.1 |
| 11:50 PM - 11:55 PM | 51.1 | 63.1 | 49.0 |
| 11:55 PM - 12:00 AM | 50.4 | 58.8 | 47.4 |
| 12:00 AM - 12:05 AM | 50.2 | 61.1 | 46.8 |
| 12:05 AM - 12:10 AM | 52.4 | 65.1 | 47.0 |
| 12:10 AM - 12:15 AM | 50.3 | 59.9 | 47.2 |
| 12:15 AM - 12:20 AM | 48.5 | 58.7 | 45.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854845-1



**Sample No.** 23128880-20
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:20 AM - 12:25 AM | 50.8 | 66.6 | 46.6 |
| 12:25 AM - 12:30 AM | 51.1 | 52.5 | 50.3 |
| 12:30 AM - 12:35 AM | 47.8 | 63.0 | 45.2 |
| 12:35 AM - 12:40 AM | 51.9 | 72.5 | 44.8 |
| 12:40 AM - 12:45 AM | 50.0 | 61.2 | 47.0 |
| 12:45 AM - 12:50 AM | 51.1 | 62.3 | 49.2 |
| 12:50 AM - 12:55 AM | 50.9 | 67.8 | 45.5 |
| 12:55 AM - 01:00 AM | 49.4 | 54.9 | 47.0 |
| 01:00 AM - 01:05 AM | 50.6 | 66.4 | 46.7 |
| 01:05 AM - 01:10 AM | 52.4 | 70.7 | 47.5 |
| 01:10 AM - 01:15 AM | 55.7 | 77.8 | 46.6 |
| 01:15 AM - 01:20 AM | 51.1 | 64.2 | 46.7 |
| 01:20 AM - 01:25 AM | 48.2 | 56.1 | 46.6 |
| 01:25 AM - 01:30 AM | 47.0 | 54.7 | 45.4 |
| 01:30 AM - 01:35 AM | 46.7 | 52.4 | 46.0 |
| 01:35 AM - 01:40 AM | 50.4 | 63.2 | 47.6 |
| 01:40 AM - 01:45 AM | 48.6 | 53.5 | 45.3 |
| 01:45 AM - 01:50 AM | 49.2 | 58.0 | 46.3 |
| 01:50 AM - 01:55 AM | 47.7 | 57.2 | 46.4 |
| 01:55 AM - 02:00 AM | 51.9 | 67.2 | 45.4 |
| 02:00 AM - 02:05 AM | 49.3 | 64.2 | 46.9 |
| 02:05 AM - 02:10 AM | 48.7 | 57.5 | 46.9 |
| 02:10 AM - 02:15 AM | 49.8 | 61.5 | 47.5 |
| 02:15 AM - 02:20 AM | 49.6 | 54.4 | 47.5 |
| 02:20 AM - 02:25 AM | 51.1 | 66.5 | 46.7 |
| 02:25 AM - 02:30 AM | 51.6 | 63.9 | 49.2 |
| 02:30 AM - 02:35 AM | 49.6 | 51.9 | 48.0 |
| 02:35 AM - 02:40 AM | 48.7 | 53.1 | 46.4 |
| 02:40 AM - 02:45 AM | 49.5 | 52.9 | 46.6 |
| 02:45 AM - 02:50 AM | 48.7 | 60.8 | 46.1 |
| 02:50 AM - 02:55 AM | 49.0 | 61.4 | 46.5 |
| 02:55 AM - 03:00 AM | 49.7 | 60.7 | 48.2 |
| 03:00 AM - 03:05 AM | 48.5 | 55.6 | 45.7 |
| 03:05 AM - 03:10 AM | 50.9 | 64.5 | 49.3 |
| 03:10 AM - 03:15 AM | 50.3 | 56.7 | 47.6 |
| 03:15 AM - 03:20 AM | 50.6 | 60.6 | 47.9 |
| 03:20 AM - 03:25 AM | 49.5 | 52.4 | 47.8 |
| 03:25 AM - 03:30 AM | 49.4 | 59.2 | 46.3 |
| 03:30 AM - 03:35 AM | 49.8 | 57.0 | 45.7 |
| 03:35 AM - 03:40 AM | 52.1 | 67.1 | 49.3 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854845-1



**Sample No.** 23128880-20
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:40 AM - 03:45 AM | 52.8 | 68.2 | 49.5 |
| 03:45 AM - 03:50 AM | 50.8 | 56.3 | 46.0 |
| 03:50 AM - 03:55 AM | 50.4 | 60.6 | 47.3 |
| 03:55 AM - 04:00 AM | 50.8 | 54.7 | 49.5 |
| 04:00 AM - 04:05 AM | 50.5 | 65.0 | 47.0 |
| 04:05 AM - 04:10 AM | 50.3 | 59.3 | 48.0 |
| 04:10 AM - 04:15 AM | 51.6 | 54.6 | 50.2 |
| 04:15 AM - 04:20 AM | 51.3 | 56.6 | 47.4 |
| 04:20 AM - 04:25 AM | 51.6 | 64.6 | 49.7 |
| 04:25 AM - 04:30 AM | 52.4 | 68.2 | 49.8 |
| 04:30 AM - 04:35 AM | 50.2 | 65.0 | 46.7 |
| 04:35 AM - 04:40 AM | 48.0 | 58.4 | 46.3 |
| 04:40 AM - 04:45 AM | 49.8 | 60.0 | 47.0 |
| 04:45 AM - 04:50 AM | 49.7 | 61.0 | 46.7 |
| 04:50 AM - 04:55 AM | 52.6 | 66.9 | 49.2 |
| 04:55 AM - 05:00 AM | 64.5 | 84.7 | 49.7 |
| 05:00 AM - 05:05 AM | 54.4 | 69.0 | 50.6 |
| 05:05 AM - 05:10 AM | 51.3 | 61.2 | 48.2 |
| 05:10 AM - 05:15 AM | 50.7 | 59.7 | 47.4 |
| 05:15 AM - 05:20 AM | 60.5 | 80.8 | 49.6 |
| 05:20 AM - 05:25 AM | 52.1 | 64.2 | 50.2 |
| 05:25 AM - 05:30 AM | 51.7 | 66.4 | 46.7 |
| 05:30 AM - 05:35 AM | 50.3 | 59.7 | 48.3 |
| 05:35 AM - 05:40 AM | 50.8 | 57.9 | 48.5 |
| 05:40 AM - 05:45 AM | 52.6 | 68.9 | 47.0 |
| 05:45 AM - 05:50 AM | 52.6 | 65.1 | 48.1 |
| 05:50 AM - 05:55 AM | 57.5 | 76.2 | 47.1 |
| 05:55 AM - 06:00 AM | 55.6 | 73.3 | 47.0 |
| 06:00 AM - 07:00 AM | 55.2 | 85.0 | 47.1 |
| 07:00 AM - 08:00 AM | 59.1 | 88.8 | 47.8 |
| 08:00 AM - 09:00 AM | 54.0 | 79.4 | 46.1 |
| 09:00 AM - 10:00 AM | 52.7 | 70.8 | 45.6 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854846-1



**Sample No.** 23128880-21
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 10:00 AM - 11:00 AM | 54.7 | 83.4 | 45.0 |
| 11:00 AM - 12:00 PM | 51.9 | 74.3 | 43.4 |
| 12:00 PM - 01:00 PM | 53.5 | 80.5 | 43.1 |
| 01:00 PM - 02:00 PM | 51.3 | 70.2 | 42.6 |
| 02:00 PM - 03:00 PM | 49.2 | 69.9 | 41.0 |
| 03:00 PM - 04:00 PM | 52.5 | 77.8 | 46.5 |
| 04:00 PM - 05:00 PM | 53.3 | 74.0 | 48.4 |
| 05:00 PM - 06:00 PM | 51.9 | 71.5 | 43.8 |
| 06:00 PM - 07:00 PM | 52.6 | 78.0 | 48.5 |
| 07:00 PM - 08:00 PM | 52.7 | 80.4 | 47.7 |
| 08:00 PM - 09:00 PM | 50.5 | 68.2 | 45.8 |
| 09:00 PM - 10:00 PM | 49.5 | 70.2 | 43.4 |
| 10:00 PM - 10:05 PM | 46.4 | 52.1 | 42.6 |
| 10:05 PM - 10:10 PM | 46.4 | 53.3 | 43.0 |
| 10:10 PM - 10:15 PM | 50.4 | 69.9 | 43.2 |
| 10:15 PM - 10:20 PM | 46.2 | 56.6 | 43.1 |
| 10:20 PM - 10:25 PM | 44.8 | 51.8 | 43.2 |
| 10:25 PM - 10:30 PM | 48.2 | 57.9 | 43.2 |
| 10:30 PM - 10:35 PM | 50.3 | 68.1 | 43.1 |
| 10:35 PM - 10:40 PM | 46.4 | 53.5 | 41.7 |
| 10:40 PM - 10:45 PM | 47.7 | 58.5 | 42.0 |
| 10:45 PM - 10:50 PM | 48.6 | 53.8 | 43.4 |
| 10:50 PM - 10:55 PM | 49.3 | 60.6 | 43.2 |
| 10:55 PM - 11:00 PM | 48.7 | 59.7 | 43.4 |
| 11:00 PM - 11:05 PM | 50.9 | 66.5 | 43.8 |
| 11:05 PM - 11:10 PM | 48.7 | 54.5 | 44.8 |
| 11:10 PM - 11:15 PM | 48.1 | 57.9 | 42.4 |
| 11:15 PM - 11:20 PM | 47.6 | 52.7 | 42.8 |
| 11:20 PM - 11:25 PM | 48.3 | 53.3 | 43.4 |
| 11:25 PM - 11:30 PM | 47.9 | 59.9 | 42.5 |
| 11:30 PM - 11:35 PM | 49.0 | 64.6 | 43.1 |
| 11:35 PM - 11:40 PM | 46.3 | 55.5 | 42.0 |
| 11:40 PM - 11:45 PM | 46.5 | 57.1 | 41.4 |
| 11:45 PM - 11:50 PM | 47.1 | 60.0 | 41.7 |
| 11:50 PM - 11:55 PM | 46.3 | 51.7 | 42.6 |
| 11:55 PM - 12:00 AM | 47.9 | 62.9 | 42.5 |
| 12:00 AM - 12:05 AM | 47.5 | 61.3 | 41.9 |
| 12:05 AM - 12:10 AM | 48.1 | 62.7 | 42.8 |
| 12:10 AM - 12:15 AM | 46.1 | 55.4 | 43.4 |
| 12:15 AM - 12:20 AM | 45.8 | 59.1 | 42.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854846-1



**Sample No.** 23128880-21
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:20 AM - 12:25 AM | 44.3 | 57.6 | 41.5 |
| 12:25 AM - 12:30 AM | 45.5 | 61.1 | 40.9 |
| 12:30 AM - 12:35 AM | 43.3 | 46.2 | 41.2 |
| 12:35 AM - 12:40 AM | 46.9 | 67.2 | 41.3 |
| 12:40 AM - 12:45 AM | 46.0 | 60.2 | 41.9 |
| 12:45 AM - 12:50 AM | 49.4 | 66.7 | 43.5 |
| 12:50 AM - 12:55 AM | 45.2 | 58.5 | 40.5 |
| 12:55 AM - 01:00 AM | 44.9 | 49.1 | 43.2 |
| 01:00 AM - 01:05 AM | 46.8 | 72.5 | 41.4 |
| 01:05 AM - 01:10 AM | 48.1 | 65.0 | 41.4 |
| 01:10 AM - 01:15 AM | 44.7 | 48.6 | 42.6 |
| 01:15 AM - 01:20 AM | 45.8 | 57.8 | 40.9 |
| 01:20 AM - 01:25 AM | 43.8 | 48.9 | 40.9 |
| 01:25 AM - 01:30 AM | 43.6 | 48.6 | 40.2 |
| 01:30 AM - 01:35 AM | 43.5 | 47.7 | 41.4 |
| 01:35 AM - 01:40 AM | 44.3 | 50.0 | 42.7 |
| 01:40 AM - 01:45 AM | 43.7 | 51.0 | 40.2 |
| 01:45 AM - 01:50 AM | 43.4 | 51.0 | 41.6 |
| 01:50 AM - 01:55 AM | 44.4 | 54.6 | 41.4 |
| 01:55 AM - 02:00 AM | 45.7 | 61.9 | 42.5 |
| 02:00 AM - 02:05 AM | 47.0 | 60.3 | 43.0 |
| 02:05 AM - 02:10 AM | 44.2 | 50.4 | 41.5 |
| 02:10 AM - 02:15 AM | 47.2 | 61.9 | 44.3 |
| 02:15 AM - 02:20 AM | 45.0 | 50.4 | 41.9 |
| 02:20 AM - 02:25 AM | 46.9 | 61.4 | 42.6 |
| 02:25 AM - 02:30 AM | 45.4 | 52.5 | 42.5 |
| 02:30 AM - 02:35 AM | 49.3 | 66.2 | 42.3 |
| 02:35 AM - 02:40 AM | 49.1 | 68.7 | 43.6 |
| 02:40 AM - 02:45 AM | 45.8 | 54.6 | 42.7 |
| 02:45 AM - 02:50 AM | 57.2 | 77.1 | 44.3 |
| 02:50 AM - 02:55 AM | 45.5 | 49.9 | 42.9 |
| 02:55 AM - 03:00 AM | 50.4 | 69.9 | 44.0 |
| 03:00 AM - 03:05 AM | 45.0 | 49.9 | 42.5 |
| 03:05 AM - 03:10 AM | 59.3 | 80.2 | 43.1 |
| 03:10 AM - 03:15 AM | 43.8 | 48.3 | 42.3 |
| 03:15 AM - 03:20 AM | 43.8 | 47.7 | 41.6 |
| 03:20 AM - 03:25 AM | 45.2 | 58.5 | 41.7 |
| 03:25 AM - 03:30 AM | 45.6 | 51.8 | 42.4 |
| 03:30 AM - 03:35 AM | 46.0 | 50.1 | 44.2 |
| 03:35 AM - 03:40 AM | 45.4 | 51.4 | 42.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854846-1



**Sample No.** 23128880-21
**Parameter** Noise
**Location** บ้านซากหิน (N3) (GPS 47P 0751699, 1426358) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 00296516

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:40 AM - 03:45 AM | 45.2 | 50.3 | 42.8 |
| 03:45 AM - 03:50 AM | 45.7 | 56.7 | 41.6 |
| 03:50 AM - 03:55 AM | 45.7 | 50.5 | 43.2 |
| 03:55 AM - 04:00 AM | 47.2 | 61.4 | 44.8 |
| 04:00 AM - 04:05 AM | 46.5 | 51.7 | 44.1 |
| 04:05 AM - 04:10 AM | 46.5 | 51.7 | 44.6 |
| 04:10 AM - 04:15 AM | 44.6 | 50.2 | 41.7 |
| 04:15 AM - 04:20 AM | 45.8 | 52.8 | 44.3 |
| 04:20 AM - 04:25 AM | 45.7 | 59.0 | 43.9 |
| 04:25 AM - 04:30 AM | 44.8 | 49.7 | 42.7 |
| 04:30 AM - 04:35 AM | 47.1 | 57.1 | 45.3 |
| 04:35 AM - 04:40 AM | 46.0 | 55.3 | 42.7 |
| 04:40 AM - 04:45 AM | 46.5 | 57.1 | 44.6 |
| 04:45 AM - 04:50 AM | 45.9 | 52.3 | 43.8 |
| 04:50 AM - 04:55 AM | 47.2 | 60.6 | 43.8 |
| 04:55 AM - 05:00 AM | 46.1 | 56.8 | 43.8 |
| 05:00 AM - 05:05 AM | 46.6 | 56.8 | 44.0 |
| 05:05 AM - 05:10 AM | 55.2 | 72.5 | 44.6 |
| 05:10 AM - 05:15 AM | 48.8 | 61.7 | 44.6 |
| 05:15 AM - 05:20 AM | 50.7 | 65.4 | 44.8 |
| 05:20 AM - 05:25 AM | 48.9 | 58.4 | 44.1 |
| 05:25 AM - 05:30 AM | 47.5 | 58.4 | 44.9 |
| 05:30 AM - 05:35 AM | 58.0 | 77.2 | 45.1 |
| 05:35 AM - 05:40 AM | 48.9 | 61.3 | 45.1 |
| 05:40 AM - 05:45 AM | 47.3 | 54.4 | 45.3 |
| 05:45 AM - 05:50 AM | 49.2 | 61.8 | 46.2 |
| 05:50 AM - 05:55 AM | 48.7 | 61.6 | 45.7 |
| 05:55 AM - 06:00 AM | 53.5 | 70.4 | 45.9 |
| 06:00 AM - 07:00 AM | 50.0 | 72.2 | 44.6 |
| 07:00 AM - 08:00 AM | 52.7 | 78.3 | 43.0 |
| 08:00 AM - 09:00 AM | 50.1 | 71.5 | 42.2 |
| 09:00 AM - 10:00 AM | 53.1 | 78.9 | 43.4 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854847-1



**Sample No.** 23128880-22
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 49.5 | 75.5 | 41.1 |
| 10:00 AM - 11:00 AM | 48.2 | 71.0 | 39.9 |
| 11:00 AM - 12:00 PM | 49.2 | 69.2 | 40.6 |
| 12:00 PM - 01:00 PM | 50.0 | 77.1 | 40.0 |
| 01:00 PM - 02:00 PM | 47.5 | 69.2 | 38.0 |
| 02:00 PM - 03:00 PM | 47.5 | 73.9 | 38.1 |
| 03:00 PM - 04:00 PM | 52.9 | 83.1 | 41.8 |
| 04:00 PM - 05:00 PM | 51.7 | 73.0 | 43.6 |
| 05:00 PM - 06:00 PM | 54.2 | 79.5 | 45.9 |
| 06:00 PM - 07:00 PM | 53.1 | 78.3 | 46.0 |
| 07:00 PM - 08:00 PM | 53.5 | 78.0 | 46.9 |
| 08:00 PM - 09:00 PM | 53.4 | 77.2 | 46.5 |
| 09:00 PM - 10:00 PM | 49.0 | 77.2 | 44.3 |
| 10:00 PM - 10:05 PM | 46.1 | 61.2 | 42.8 |
| 10:05 PM - 10:10 PM | 46.6 | 67.3 | 43.5 |
| 10:10 PM - 10:15 PM | 46.8 | 60.7 | 43.5 |
| 10:15 PM - 10:20 PM | 44.6 | 53.0 | 43.5 |
| 10:20 PM - 10:25 PM | 44.5 | 54.0 | 43.5 |
| 10:25 PM - 10:30 PM | 44.6 | 55.6 | 43.3 |
| 10:30 PM - 10:35 PM | 47.5 | 61.4 | 44.2 |
| 10:35 PM - 10:40 PM | 50.0 | 71.4 | 45.1 |
| 10:40 PM - 10:45 PM | 47.2 | 58.6 | 44.9 |
| 10:45 PM - 10:50 PM | 45.8 | 60.6 | 43.9 |
| 10:50 PM - 10:55 PM | 48.6 | 64.6 | 43.4 |
| 10:55 PM - 11:00 PM | 45.9 | 61.6 | 42.8 |
| 11:00 PM - 11:05 PM | 44.2 | 56.5 | 42.9 |
| 11:05 PM - 11:10 PM | 44.0 | 48.7 | 43.1 |
| 11:10 PM - 11:15 PM | 45.6 | 57.6 | 43.6 |
| 11:15 PM - 11:20 PM | 43.7 | 48.2 | 43.0 |
| 11:20 PM - 11:25 PM | 45.1 | 60.9 | 42.3 |
| 11:25 PM - 11:30 PM | 55.0 | 77.3 | 42.2 |
| 11:30 PM - 11:35 PM | 42.5 | 46.4 | 41.9 |
| 11:35 PM - 11:40 PM | 44.6 | 56.8 | 42.4 |
| 11:40 PM - 11:45 PM | 43.4 | 45.4 | 42.8 |
| 11:45 PM - 11:50 PM | 44.2 | 54.8 | 43.3 |
| 11:50 PM - 11:55 PM | 43.8 | 48.8 | 43.2 |
| 11:55 PM - 12:00 AM | 45.4 | 58.5 | 43.0 |
| 12:00 AM - 12:05 AM | 46.1 | 58.2 | 43.0 |
| 12:05 AM - 12:10 AM | 43.9 | 50.6 | 42.8 |
| 12:10 AM - 12:15 AM | 43.6 | 57.2 | 41.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854847-1



**Sample No.** 23128880-22
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:15 AM - 12:20 AM | 45.1 | 60.3 | 42.2 |
| 12:20 AM - 12:25 AM | 46.1 | 62.3 | 42.1 |
| 12:25 AM - 12:30 AM | 42.9 | 55.7 | 41.5 |
| 12:30 AM - 12:35 AM | 44.3 | 57.6 | 42.0 |
| 12:35 AM - 12:40 AM | 43.6 | 47.6 | 42.7 |
| 12:40 AM - 12:45 AM | 43.3 | 54.2 | 42.6 |
| 12:45 AM - 12:50 AM | 45.3 | 58.6 | 42.4 |
| 12:50 AM - 12:55 AM | 44.7 | 48.6 | 43.0 |
| 12:55 AM - 01:00 AM | 46.5 | 61.0 | 43.3 |
| 01:00 AM - 01:05 AM | 44.5 | 50.0 | 43.3 |
| 01:05 AM - 01:10 AM | 45.2 | 55.9 | 43.4 |
| 01:10 AM - 01:15 AM | 47.2 | 64.4 | 43.7 |
| 01:15 AM - 01:20 AM | 44.4 | 52.7 | 43.3 |
| 01:20 AM - 01:25 AM | 44.7 | 54.0 | 44.0 |
| 01:25 AM - 01:30 AM | 46.3 | 61.5 | 43.2 |
| 01:30 AM - 01:35 AM | 44.2 | 55.4 | 43.0 |
| 01:35 AM - 01:40 AM | 45.5 | 58.6 | 42.6 |
| 01:40 AM - 01:45 AM | 43.6 | 47.8 | 42.8 |
| 01:45 AM - 01:50 AM | 44.5 | 53.4 | 43.5 |
| 01:50 AM - 01:55 AM | 44.8 | 51.4 | 43.9 |
| 01:55 AM - 02:00 AM | 44.5 | 47.7 | 43.7 |
| 02:00 AM - 02:05 AM | 44.1 | 47.3 | 43.4 |
| 02:05 AM - 02:10 AM | 45.6 | 49.0 | 44.7 |
| 02:10 AM - 02:15 AM | 47.2 | 67.5 | 44.1 |
| 02:15 AM - 02:20 AM | 46.1 | 61.1 | 42.9 |
| 02:20 AM - 02:25 AM | 43.4 | 53.0 | 42.4 |
| 02:25 AM - 02:30 AM | 43.2 | 49.4 | 42.5 |
| 02:30 AM - 02:35 AM | 42.8 | 48.0 | 42.2 |
| 02:35 AM - 02:40 AM | 45.7 | 62.0 | 42.1 |
| 02:40 AM - 02:45 AM | 43.0 | 54.7 | 42.1 |
| 02:45 AM - 02:50 AM | 46.1 | 64.9 | 41.2 |
| 02:50 AM - 02:55 AM | 42.2 | 48.0 | 41.2 |
| 02:55 AM - 03:00 AM | 44.0 | 59.1 | 41.6 |
| 03:00 AM - 03:05 AM | 44.3 | 60.1 | 41.8 |
| 03:05 AM - 03:10 AM | 42.2 | 44.1 | 41.7 |
| 03:10 AM - 03:15 AM | 42.1 | 46.1 | 41.6 |
| 03:15 AM - 03:20 AM | 44.3 | 55.4 | 41.2 |
| 03:20 AM - 03:25 AM | 42.0 | 55.0 | 41.2 |
| 03:25 AM - 03:30 AM | 42.0 | 54.6 | 40.7 |
| 03:30 AM - 03:35 AM | 40.8 | 48.4 | 40.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854847-1



**Sample No.** 23128880-22
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:35 AM - 03:40 AM | 42.0 | 54.5 | 40.8 |
| 03:40 AM - 03:45 AM | 42.8 | 55.1 | 41.5 |
| 03:45 AM - 03:50 AM | 41.7 | 48.3 | 41.2 |
| 03:50 AM - 03:55 AM | 42.8 | 54.5 | 41.6 |
| 03:55 AM - 04:00 AM | 42.7 | 53.3 | 41.9 |
| 04:00 AM - 04:05 AM | 43.3 | 56.2 | 41.9 |
| 04:05 AM - 04:10 AM | 44.9 | 56.2 | 41.7 |
| 04:10 AM - 04:15 AM | 42.3 | 48.8 | 41.2 |
| 04:15 AM - 04:20 AM | 43.5 | 53.6 | 42.0 |
| 04:20 AM - 04:25 AM | 43.9 | 54.8 | 41.7 |
| 04:25 AM - 04:30 AM | 43.6 | 55.8 | 42.0 |
| 04:30 AM - 04:35 AM | 45.0 | 55.8 | 41.7 |
| 04:35 AM - 04:40 AM | 43.9 | 56.2 | 42.1 |
| 04:40 AM - 04:45 AM | 43.2 | 50.2 | 41.9 |
| 04:45 AM - 04:50 AM | 45.7 | 56.9 | 42.6 |
| 04:50 AM - 04:55 AM | 45.7 | 56.6 | 42.4 |
| 04:55 AM - 05:00 AM | 50.5 | 67.5 | 42.3 |
| 05:00 AM - 05:05 AM | 46.6 | 60.0 | 41.7 |
| 05:05 AM - 05:10 AM | 47.6 | 59.4 | 42.2 |
| 05:10 AM - 05:15 AM | 46.7 | 57.3 | 42.4 |
| 05:15 AM - 05:20 AM | 49.8 | 65.8 | 42.7 |
| 05:20 AM - 05:25 AM | 48.8 | 61.5 | 42.8 |
| 05:25 AM - 05:30 AM | 49.2 | 61.6 | 43.8 |
| 05:30 AM - 05:35 AM | 50.0 | 59.6 | 45.6 |
| 05:35 AM - 05:40 AM | 50.8 | 62.4 | 45.6 |
| 05:40 AM - 05:45 AM | 49.7 | 56.2 | 44.8 |
| 05:45 AM - 05:50 AM | 58.0 | 72.0 | 46.1 |
| 05:50 AM - 05:55 AM | 55.9 | 71.7 | 47.7 |
| 05:55 AM - 06:00 AM | 51.6 | 64.8 | 47.7 |
| 06:00 AM - 07:00 AM | 53.3 | 71.3 | 48.8 |
| 07:00 AM - 08:00 AM | 55.3 | 77.0 | 47.9 |
| 08:00 AM - 09:00 AM | 54.7 | 77.4 | 42.8 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854848-1



**Sample No.** 23128880-23
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 51.6 | 77.6 | 43.2 |
| 10:00 AM - 11:00 AM | 50.3 | 73.1 | 42.0 |
| 11:00 AM - 12:00 PM | 51.3 | 71.3 | 42.7 |
| 12:00 PM - 01:00 PM | 52.1 | 79.2 | 42.1 |
| 01:00 PM - 02:00 PM | 49.6 | 71.3 | 40.1 |
| 02:00 PM - 03:00 PM | 50.3 | 82.2 | 39.3 |
| 03:00 PM - 04:00 PM | 53.2 | 77.5 | 40.5 |
| 04:00 PM - 05:00 PM | 52.1 | 73.6 | 43.1 |
| 05:00 PM - 06:00 PM | 54.2 | 75.7 | 45.3 |
| 06:00 PM - 07:00 PM | 55.2 | 75.5 | 46.8 |
| 07:00 PM - 08:00 PM | 55.4 | 74.5 | 46.3 |
| 08:00 PM - 09:00 PM | 55.6 | 76.8 | 45.4 |
| 09:00 PM - 10:00 PM | 49.5 | 77.5 | 43.1 |
| 10:00 PM - 10:05 PM | 43.3 | 50.5 | 42.5 |
| 10:05 PM - 10:10 PM | 44.8 | 56.5 | 42.3 |
| 10:10 PM - 10:15 PM | 45.1 | 62.3 | 42.1 |
| 10:15 PM - 10:20 PM | 44.0 | 53.4 | 42.3 |
| 10:20 PM - 10:25 PM | 43.9 | 54.9 | 42.4 |
| 10:25 PM - 10:30 PM | 44.5 | 54.5 | 42.5 |
| 10:30 PM - 10:35 PM | 46.0 | 58.5 | 43.1 |
| 10:35 PM - 10:40 PM | 45.6 | 52.9 | 44.0 |
| 10:40 PM - 10:45 PM | 44.4 | 53.4 | 43.3 |
| 10:45 PM - 10:50 PM | 44.6 | 55.3 | 42.5 |
| 10:50 PM - 10:55 PM | 43.4 | 51.0 | 42.4 |
| 10:55 PM - 11:00 PM | 43.9 | 57.5 | 42.7 |
| 11:00 PM - 11:05 PM | 44.1 | 57.1 | 42.0 |
| 11:05 PM - 11:10 PM | 46.6 | 63.4 | 41.5 |
| 11:10 PM - 11:15 PM | 45.4 | 62.3 | 41.2 |
| 11:15 PM - 11:20 PM | 44.6 | 56.5 | 42.1 |
| 11:20 PM - 11:25 PM | 50.8 | 65.0 | 42.1 |
| 11:25 PM - 11:30 PM | 50.9 | 65.2 | 41.2 |
| 11:30 PM - 11:35 PM | 43.1 | 56.8 | 41.2 |
| 11:35 PM - 11:40 PM | 47.3 | 64.3 | 41.5 |
| 11:40 PM - 11:45 PM | 44.7 | 57.2 | 41.7 |
| 11:45 PM - 11:50 PM | 44.6 | 58.9 | 42.3 |
| 11:50 PM - 11:55 PM | 44.2 | 54.1 | 42.8 |
| 11:55 PM - 12:00 AM | 43.8 | 49.9 | 42.7 |
| 12:00 AM - 12:05 AM | 47.9 | 67.3 | 43.4 |
| 12:05 AM - 12:10 AM | 45.3 | 59.6 | 43.0 |
| 12:10 AM - 12:15 AM | 48.7 | 68.3 | 42.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854848-1



**Sample No.** 23128880-23
**Parameter** Noise
**Location** ศาลาชุมชนเขัมแแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:15 AM - 12:20 AM | 46.4 | 65.6 | 42.7 |
| 12:20 AM - 12:25 AM | 50.6 | 68.6 | 44.0 |
| 12:25 AM - 12:30 AM | 44.5 | 48.6 | 43.1 |
| 12:30 AM - 12:35 AM | 46.4 | 54.5 | 44.0 |
| 12:35 AM - 12:40 AM | 46.5 | 57.7 | 43.2 |
| 12:40 AM - 12:45 AM | 43.8 | 52.4 | 42.7 |
| 12:45 AM - 12:50 AM | 43.2 | 57.9 | 41.3 |
| 12:50 AM - 12:55 AM | 45.2 | 61.8 | 41.0 |
| 12:55 AM - 01:00 AM | 45.4 | 59.6 | 41.2 |
| 01:00 AM - 01:05 AM | 42.3 | 45.9 | 41.3 |
| 01:05 AM - 01:10 AM | 44.9 | 61.0 | 41.6 |
| 01:10 AM - 01:15 AM | 43.2 | 54.9 | 41.5 |
| 01:15 AM - 01:20 AM | 46.2 | 65.7 | 41.5 |
| 01:20 AM - 01:25 AM | 42.1 | 47.8 | 41.5 |
| 01:25 AM - 01:30 AM | 42.1 | 46.1 | 41.3 |
| 01:30 AM - 01:35 AM | 44.8 | 62.8 | 41.2 |
| 01:35 AM - 01:40 AM | 43.0 | 56.4 | 41.4 |
| 01:40 AM - 01:45 AM | 44.8 | 57.0 | 41.7 |
| 01:45 AM - 01:50 AM | 42.3 | 46.8 | 41.5 |
| 01:50 AM - 01:55 AM | 43.4 | 55.4 | 41.8 |
| 01:55 AM - 02:00 AM | 43.2 | 49.2 | 42.0 |
| 02:00 AM - 02:05 AM | 42.6 | 46.2 | 41.8 |
| 02:05 AM - 02:10 AM | 49.3 | 68.0 | 41.7 |
| 02:10 AM - 02:15 AM | 43.6 | 60.0 | 41.3 |
| 02:15 AM - 02:20 AM | 45.4 | 59.2 | 42.1 |
| 02:20 AM - 02:25 AM | 42.8 | 47.7 | 41.9 |
| 02:25 AM - 02:30 AM | 43.0 | 47.5 | 42.2 |
| 02:30 AM - 02:35 AM | 43.3 | 48.7 | 42.4 |
| 02:35 AM - 02:40 AM | 47.3 | 69.9 | 42.3 |
| 02:40 AM - 02:45 AM | 43.8 | 54.1 | 42.0 |
| 02:45 AM - 02:50 AM | 42.8 | 53.4 | 41.6 |
| 02:50 AM - 02:55 AM | 43.8 | 55.7 | 41.8 |
| 02:55 AM - 03:00 AM | 46.0 | 58.1 | 42.2 |
| 03:00 AM - 03:05 AM | 44.8 | 54.8 | 44.0 |
| 03:05 AM - 03:10 AM | 42.6 | 46.4 | 41.3 |
| 03:10 AM - 03:15 AM | 42.7 | 49.9 | 41.5 |
| 03:15 AM - 03:20 AM | 47.2 | 65.3 | 42.3 |
| 03:20 AM - 03:25 AM | 43.7 | 48.2 | 43.1 |
| 03:25 AM - 03:30 AM | 44.9 | 59.2 | 43.0 |
| 03:30 AM - 03:35 AM | 44.5 | 48.0 | 43.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854848-1



**Sample No.** 23128880-23
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:35 AM - 03:40 AM | 46.8 | 60.2 | 44.4 |
| 03:40 AM - 03:45 AM | 44.9 | 48.4 | 43.4 |
| 03:45 AM - 03:50 AM | 45.4 | 58.9 | 42.2 |
| 03:50 AM - 03:55 AM | 55.6 | 73.7 | 44.8 |
| 03:55 AM - 04:00 AM | 44.7 | 56.6 | 42.2 |
| 04:00 AM - 04:05 AM | 46.3 | 57.9 | 44.2 |
| 04:05 AM - 04:10 AM | 45.5 | 60.8 | 42.2 |
| 04:10 AM - 04:15 AM | 44.7 | 49.7 | 43.0 |
| 04:15 AM - 04:20 AM | 44.9 | 50.1 | 43.3 |
| 04:20 AM - 04:25 AM | 45.6 | 57.0 | 42.8 |
| 04:25 AM - 04:30 AM | 45.9 | 57.3 | 42.1 |
| 04:30 AM - 04:35 AM | 46.0 | 59.6 | 41.7 |
| 04:35 AM - 04:40 AM | 44.7 | 58.0 | 41.5 |
| 04:40 AM - 04:45 AM | 42.6 | 48.9 | 41.4 |
| 04:45 AM - 04:50 AM | 48.5 | 64.3 | 41.6 |
| 04:50 AM - 04:55 AM | 44.6 | 56.0 | 41.5 |
| 04:55 AM - 05:00 AM | 46.1 | 61.7 | 41.6 |
| 05:00 AM - 05:05 AM | 46.3 | 61.0 | 41.5 |
| 05:05 AM - 05:10 AM | 46.4 | 60.7 | 41.3 |
| 05:10 AM - 05:15 AM | 46.3 | 61.0 | 41.3 |
| 05:15 AM - 05:20 AM | 47.8 | 58.9 | 41.2 |
| 05:20 AM - 05:25 AM | 46.3 | 59.7 | 41.5 |
| 05:25 AM - 05:30 AM | 46.6 | 59.0 | 41.4 |
| 05:30 AM - 05:35 AM | 48.2 | 60.0 | 41.9 |
| 05:35 AM - 05:40 AM | 48.8 | 62.6 | 42.3 |
| 05:40 AM - 05:45 AM | 54.0 | 68.6 | 43.4 |
| 05:45 AM - 05:50 AM | 54.6 | 71.6 | 43.7 |
| 05:50 AM - 05:55 AM | 58.7 | 71.7 | 44.2 |
| 05:55 AM - 06:00 AM | 54.4 | 71.8 | 45.3 |
| 06:00 AM - 07:00 AM | 51.7 | 72.1 | 45.8 |
| 07:00 AM - 08:00 AM | 54.0 | 74.7 | 45.6 |
| 08:00 AM - 09:00 AM | 56.6 | 83.1 | 42.8 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854849-1



**Sample No.** 23128880-24
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 58.2 | 87.7 | 42.9 |
| 10:00 AM - 11:00 AM | 52.4 | 77.6 | 43.4 |
| 11:00 AM - 12:00 PM | 51.2 | 80.5 | 42.0 |
| 12:00 PM - 01:00 PM | 51.5 | 73.7 | 41.5 |
| 01:00 PM - 02:00 PM | 50.9 | 69.1 | 41.6 |
| 02:00 PM - 03:00 PM | 51.8 | 72.8 | 43.5 |
| 03:00 PM - 04:00 PM | 50.4 | 72.9 | 41.3 |
| 04:00 PM - 05:00 PM | 52.1 | 72.7 | 42.4 |
| 05:00 PM - 06:00 PM | 54.8 | 82.3 | 44.8 |
| 06:00 PM - 07:00 PM | 53.9 | 77.8 | 48.8 |
| 07:00 PM - 08:00 PM | 55.9 | 77.4 | 48.5 |
| 08:00 PM - 09:00 PM | 54.0 | 75.2 | 46.0 |
| 09:00 PM - 10:00 PM | 51.8 | 82.1 | 45.0 |
| 10:00 PM - 10:05 PM | 47.4 | 62.5 | 44.7 |
| 10:05 PM - 10:10 PM | 49.0 | 64.4 | 44.7 |
| 10:10 PM - 10:15 PM | 47.1 | 60.2 | 44.6 |
| 10:15 PM - 10:20 PM | 56.0 | 76.4 | 43.5 |
| 10:20 PM - 10:25 PM | 46.9 | 60.3 | 44.0 |
| 10:25 PM - 10:30 PM | 46.4 | 57.3 | 44.3 |
| 10:30 PM - 10:35 PM | 46.2 | 51.7 | 44.8 |
| 10:35 PM - 10:40 PM | 49.2 | 66.3 | 45.6 |
| 10:40 PM - 10:45 PM | 49.1 | 63.2 | 46.1 |
| 10:45 PM - 10:50 PM | 48.6 | 61.5 | 47.1 |
| 10:50 PM - 10:55 PM | 48.5 | 66.0 | 44.9 |
| 10:55 PM - 11:00 PM | 48.3 | 61.5 | 46.5 |
| 11:00 PM - 11:05 PM | 46.5 | 56.4 | 44.1 |
| 11:05 PM - 11:10 PM | 45.4 | 53.0 | 43.5 |
| 11:10 PM - 11:15 PM | 46.7 | 55.3 | 45.8 |
| 11:15 PM - 11:20 PM | 45.2 | 51.0 | 43.9 |
| 11:20 PM - 11:25 PM | 45.8 | 52.2 | 44.7 |
| 11:25 PM - 11:30 PM | 46.4 | 58.4 | 44.0 |
| 11:30 PM - 11:35 PM | 46.0 | 58.6 | 43.8 |
| 11:35 PM - 11:40 PM | 47.6 | 58.2 | 46.4 |
| 11:40 PM - 11:45 PM | 47.8 | 58.3 | 44.9 |
| 11:45 PM - 11:50 PM | 45.1 | 51.8 | 43.9 |
| 11:50 PM - 11:55 PM | 57.5 | 78.9 | 43.1 |
| 11:55 PM - 12:00 AM | 43.9 | 48.2 | 43.0 |
| 12:00 AM - 12:05 AM | 49.2 | 65.4 | 43.2 |
| 12:05 AM - 12:10 AM | 46.6 | 63.4 | 44.0 |
| 12:10 AM - 12:15 AM | 46.7 | 57.6 | 44.9 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854849-1



**Sample No.** 23128880-24
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:15 AM - 12:20 AM | 47.2 | 55.4 | 45.9 |
| 12:20 AM - 12:25 AM | 47.5 | 60.5 | 45.6 |
| 12:25 AM - 12:30 AM | 48.2 | 65.3 | 45.3 |
| 12:30 AM - 12:35 AM | 47.8 | 63.6 | 44.5 |
| 12:35 AM - 12:40 AM | 45.4 | 52.7 | 43.7 |
| 12:40 AM - 12:45 AM | 46.4 | 57.2 | 44.0 |
| 12:45 AM - 12:50 AM | 46.4 | 57.7 | 43.9 |
| 12:50 AM - 12:55 AM | 51.5 | 72.0 | 43.0 |
| 12:55 AM - 01:00 AM | 47.5 | 64.5 | 43.1 |
| 01:00 AM - 01:05 AM | 45.0 | 48.9 | 43.6 |
| 01:05 AM - 01:10 AM | 45.3 | 53.1 | 43.3 |
| 01:10 AM - 01:15 AM | 46.1 | 60.5 | 43.6 |
| 01:15 AM - 01:20 AM | 45.2 | 52.5 | 43.3 |
| 01:20 AM - 01:25 AM | 43.4 | 49.9 | 42.1 |
| 01:25 AM - 01:30 AM | 47.1 | 65.8 | 42.5 |
| 01:30 AM - 01:35 AM | 44.3 | 48.4 | 43.4 |
| 01:35 AM - 01:40 AM | 45.8 | 57.9 | 42.6 |
| 01:40 AM - 01:45 AM | 43.4 | 48.4 | 42.4 |
| 01:45 AM - 01:50 AM | 42.7 | 47.2 | 41.8 |
| 01:50 AM - 01:55 AM | 43.2 | 48.2 | 42.2 |
| 01:55 AM - 02:00 AM | 43.6 | 47.8 | 42.6 |
| 02:00 AM - 02:05 AM | 44.6 | 56.0 | 43.1 |
| 02:05 AM - 02:10 AM | 43.3 | 48.0 | 42.1 |
| 02:10 AM - 02:15 AM | 43.6 | 47.2 | 42.6 |
| 02:15 AM - 02:20 AM | 43.6 | 47.2 | 42.6 |
| 02:20 AM - 02:25 AM | 43.8 | 53.3 | 42.6 |
| 02:25 AM - 02:30 AM | 43.9 | 49.7 | 42.6 |
| 02:30 AM - 02:35 AM | 45.3 | 58.2 | 42.9 |
| 02:35 AM - 02:40 AM | 44.7 | 49.7 | 42.7 |
| 02:40 AM - 02:45 AM | 45.6 | 53.0 | 43.5 |
| 02:45 AM - 02:50 AM | 45.9 | 52.9 | 44.2 |
| 02:50 AM - 02:55 AM | 45.3 | 50.7 | 44.2 |
| 02:55 AM - 03:00 AM | 44.7 | 48.7 | 43.7 |
| 03:00 AM - 03:05 AM | 44.7 | 49.2 | 43.6 |
| 03:05 AM - 03:10 AM | 45.0 | 49.4 | 43.7 |
| 03:10 AM - 03:15 AM | 47.9 | 64.2 | 44.6 |
| 03:15 AM - 03:20 AM | 45.5 | 49.4 | 44.2 |
| 03:20 AM - 03:25 AM | 45.6 | 52.8 | 43.7 |
| 03:25 AM - 03:30 AM | 45.8 | 54.8 | 44.3 |
| 03:30 AM - 03:35 AM | 47.1 | 56.8 | 43.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854849-1



**Sample No.** 23128880-24
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:35 AM - 03:40 AM | 47.6 | 64.5 | 44.0 |
| 03:40 AM - 03:45 AM | 44.9 | 47.6 | 43.8 |
| 03:45 AM - 03:50 AM | 44.7 | 54.3 | 43.6 |
| 03:50 AM - 03:55 AM | 46.1 | 59.8 | 43.7 |
| 03:55 AM - 04:00 AM | 44.1 | 46.8 | 43.0 |
| 04:00 AM - 04:05 AM | 45.1 | 56.8 | 42.0 |
| 04:05 AM - 04:10 AM | 44.9 | 56.9 | 43.0 |
| 04:10 AM - 04:15 AM | 45.1 | 56.2 | 42.3 |
| 04:15 AM - 04:20 AM | 43.6 | 58.8 | 41.5 |
| 04:20 AM - 04:25 AM | 44.5 | 54.7 | 42.1 |
| 04:25 AM - 04:30 AM | 44.2 | 53.8 | 41.8 |
| 04:30 AM - 04:35 AM | 44.5 | 55.6 | 41.4 |
| 04:35 AM - 04:40 AM | 42.2 | 52.7 | 40.4 |
| 04:40 AM - 04:45 AM | 45.0 | 63.9 | 40.8 |
| 04:45 AM - 04:50 AM | 46.4 | 60.6 | 40.9 |
| 04:50 AM - 04:55 AM | 45.3 | 58.1 | 41.2 |
| 04:55 AM - 05:00 AM | 44.7 | 57.1 | 41.0 |
| 05:00 AM - 05:05 AM | 44.9 | 54.6 | 41.1 |
| 05:05 AM - 05:10 AM | 46.3 | 58.6 | 42.1 |
| 05:10 AM - 05:15 AM | 46.2 | 56.3 | 42.9 |
| 05:15 AM - 05:20 AM | 48.1 | 60.4 | 42.1 |
| 05:20 AM - 05:25 AM | 47.3 | 56.0 | 43.5 |
| 05:25 AM - 05:30 AM | 48.4 | 59.5 | 44.6 |
| 05:30 AM - 05:35 AM | 49.1 | 61.5 | 45.1 |
| 05:35 AM - 05:40 AM | 49.4 | 63.0 | 44.5 |
| 05:40 AM - 05:45 AM | 49.8 | 67.3 | 45.5 |
| 05:45 AM - 05:50 AM | 50.7 | 64.2 | 45.6 |
| 05:50 AM - 05:55 AM | 50.0 | 60.6 | 46.0 |
| 05:55 AM - 06:00 AM | 54.7 | 70.3 | 46.7 |
| 06:00 AM - 07:00 AM | 51.7 | 74.1 | 46.6 |
| 07:00 AM - 08:00 AM | 52.4 | 72.3 | 43.4 |
| 08:00 AM - 09:00 AM | 54.0 | 81.7 | 42.3 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854850-1



**Sample No.** 23128880-25
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 50.7 | 75.1 | 41.1 |
| 10:00 AM - 11:00 AM | 50.6 | 72.8 | 41.1 |
| 11:00 AM - 12:00 PM | 48.2 | 72.4 | 38.5 |
| 12:00 PM - 01:00 PM | 48.3 | 76.0 | 39.0 |
| 01:00 PM - 02:00 PM | 49.5 | 75.3 | 39.5 |
| 02:00 PM - 03:00 PM | 51.9 | 77.8 | 41.6 |
| 03:00 PM - 04:00 PM | 50.2 | 73.2 | 38.4 |
| 04:00 PM - 05:00 PM | 50.6 | 76.3 | 38.6 |
| 05:00 PM - 06:00 PM | 54.2 | 77.3 | 41.4 |
| 06:00 PM - 07:00 PM | 52.0 | 74.5 | 45.5 |
| 07:00 PM - 08:00 PM | 48.9 | 69.1 | 45.6 |
| 08:00 PM - 09:00 PM | 48.3 | 64.1 | 45.1 |
| 09:00 PM - 10:00 PM | 46.1 | 60.9 | 44.3 |
| 10:00 PM - 10:05 PM | 49.8 | 68.5 | 42.6 |
| 10:05 PM - 10:10 PM | 47.2 | 58.4 | 43.7 |
| 10:10 PM - 10:15 PM | 50.5 | 70.5 | 43.3 |
| 10:15 PM - 10:20 PM | 45.8 | 59.0 | 40.9 |
| 10:20 PM - 10:25 PM | 46.3 | 60.8 | 38.8 |
| 10:25 PM - 10:30 PM | 44.9 | 54.4 | 43.3 |
| 10:30 PM - 10:35 PM | 45.4 | 57.4 | 43.7 |
| 10:35 PM - 10:40 PM | 45.4 | 50.3 | 44.1 |
| 10:40 PM - 10:45 PM | 47.2 | 61.5 | 43.6 |
| 10:45 PM - 10:50 PM | 43.6 | 55.9 | 39.4 |
| 10:50 PM - 10:55 PM | 56.8 | 63.7 | 43.1 |
| 10:55 PM - 11:00 PM | 53.0 | 65.2 | 45.9 |
| 11:00 PM - 11:05 PM | 49.0 | 58.3 | 44.4 |
| 11:05 PM - 11:10 PM | 44.5 | 55.6 | 40.4 |
| 11:10 PM - 11:15 PM | 43.6 | 56.4 | 40.6 |
| 11:15 PM - 11:20 PM | 44.7 | 55.5 | 41.2 |
| 11:20 PM - 11:25 PM | 46.4 | 57.7 | 41.8 |
| 11:25 PM - 11:30 PM | 44.6 | 52.5 | 42.0 |
| 11:30 PM - 11:35 PM | 47.1 | 63.3 | 42.3 |
| 11:35 PM - 11:40 PM | 43.8 | 49.8 | 42.5 |
| 11:40 PM - 11:45 PM | 44.3 | 50.6 | 42.7 |
| 11:45 PM - 11:50 PM | 46.6 | 60.8 | 43.2 |
| 11:50 PM - 11:55 PM | 47.8 | 65.5 | 42.0 |
| 11:55 PM - 12:00 AM | 45.8 | 57.5 | 43.4 |
| 12:00 AM - 12:05 AM | 51.1 | 70.1 | 43.7 |
| 12:05 AM - 12:10 AM | 45.1 | 49.9 | 44.3 |
| 12:10 AM - 12:15 AM | 49.6 | 71.8 | 41.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854850-1



**Sample No.** 23128880-25
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:15 AM - 12:20 AM | 43.5 | 45.5 | 42.7 |
| 12:20 AM - 12:25 AM | 44.4 | 52.0 | 42.9 |
| 12:25 AM - 12:30 AM | 45.8 | 62.8 | 40.4 |
| 12:30 AM - 12:35 AM | 43.7 | 52.3 | 39.0 |
| 12:35 AM - 12:40 AM | 40.3 | 49.8 | 38.5 |
| 12:40 AM - 12:45 AM | 43.0 | 48.1 | 40.4 |
| 12:45 AM - 12:50 AM | 43.5 | 49.0 | 41.5 |
| 12:50 AM - 12:55 AM | 44.1 | 47.6 | 42.8 |
| 12:55 AM - 01:00 AM | 46.2 | 60.0 | 43.2 |
| 01:00 AM - 01:05 AM | 45.9 | 59.2 | 43.2 |
| 01:05 AM - 01:10 AM | 54.2 | 75.3 | 43.3 |
| 01:10 AM - 01:15 AM | 44.4 | 47.0 | 43.0 |
| 01:15 AM - 01:20 AM | 45.4 | 57.1 | 43.3 |
| 01:20 AM - 01:25 AM | 44.7 | 48.2 | 43.1 |
| 01:25 AM - 01:30 AM | 44.6 | 59.5 | 41.7 |
| 01:30 AM - 01:35 AM | 46.2 | 58.2 | 42.1 |
| 01:35 AM - 01:40 AM | 43.5 | 51.7 | 41.8 |
| 01:40 AM - 01:45 AM | 44.5 | 47.0 | 43.3 |
| 01:45 AM - 01:50 AM | 45.7 | 55.3 | 43.9 |
| 01:50 AM - 01:55 AM | 44.4 | 51.2 | 43.0 |
| 01:55 AM - 02:00 AM | 44.0 | 45.9 | 42.9 |
| 02:00 AM - 02:05 AM | 44.2 | 49.1 | 43.1 |
| 02:05 AM - 02:10 AM | 44.6 | 50.6 | 43.5 |
| 02:10 AM - 02:15 AM | 44.4 | 50.1 | 42.9 |
| 02:15 AM - 02:20 AM | 43.5 | 50.6 | 42.6 |
| 02:20 AM - 02:25 AM | 43.7 | 56.4 | 41.8 |
| 02:25 AM - 02:30 AM | 43.5 | 48.6 | 42.1 |
| 02:30 AM - 02:35 AM | 44.8 | 57.0 | 42.9 |
| 02:35 AM - 02:40 AM | 44.3 | 49.3 | 43.0 |
| 02:40 AM - 02:45 AM | 45.3 | 58.2 | 43.5 |
| 02:45 AM - 02:50 AM | 46.5 | 61.3 | 43.5 |
| 02:50 AM - 02:55 AM | 45.5 | 56.0 | 43.6 |
| 02:55 AM - 03:00 AM | 45.4 | 52.5 | 43.3 |
| 03:00 AM - 03:05 AM | 44.6 | 51.4 | 42.4 |
| 03:05 AM - 03:10 AM | 43.8 | 46.9 | 42.4 |
| 03:10 AM - 03:15 AM | 44.9 | 56.0 | 42.7 |
| 03:15 AM - 03:20 AM | 43.2 | 46.6 | 42.2 |
| 03:20 AM - 03:25 AM | 43.6 | 47.7 | 42.4 |
| 03:25 AM - 03:30 AM | 44.4 | 56.7 | 42.4 |
| 03:30 AM - 03:35 AM | 44.1 | 55.3 | 42.5 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854850-1



**Sample No.** 23128880-25
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:35 AM - 03:40 AM | 45.0 | 50.7 | 43.7 |
| 03:40 AM - 03:45 AM | 45.3 | 50.8 | 43.4 |
| 03:45 AM - 03:50 AM | 45.3 | 51.9 | 43.6 |
| 03:50 AM - 03:55 AM | 45.7 | 57.5 | 43.3 |
| 03:55 AM - 04:00 AM | 48.3 | 58.1 | 43.7 |
| 04:00 AM - 04:05 AM | 46.0 | 55.2 | 43.5 |
| 04:05 AM - 04:10 AM | 44.4 | 47.4 | 43.2 |
| 04:10 AM - 04:15 AM | 44.9 | 54.2 | 43.0 |
| 04:15 AM - 04:20 AM | 44.9 | 54.0 | 42.7 |
| 04:20 AM - 04:25 AM | 45.0 | 56.7 | 42.8 |
| 04:25 AM - 04:30 AM | 45.4 | 56.0 | 43.0 |
| 04:30 AM - 04:35 AM | 46.4 | 58.7 | 42.7 |
| 04:35 AM - 04:40 AM | 44.9 | 56.6 | 42.5 |
| 04:40 AM - 04:45 AM | 53.7 | 71.3 | 42.0 |
| 04:45 AM - 04:50 AM | 47.5 | 60.1 | 41.7 |
| 04:50 AM - 04:55 AM | 44.9 | 57.7 | 41.6 |
| 04:55 AM - 05:00 AM | 45.4 | 54.1 | 43.5 |
| 05:00 AM - 05:05 AM | 45.9 | 57.7 | 42.8 |
| 05:05 AM - 05:10 AM | 44.2 | 56.6 | 43.2 |
| 05:10 AM - 05:15 AM | 46.7 | 59.3 | 43.3 |
| 05:15 AM - 05:20 AM | 49.0 | 62.3 | 42.7 |
| 05:20 AM - 05:25 AM | 48.5 | 61.3 | 43.2 |
| 05:25 AM - 05:30 AM | 49.2 | 64.6 | 43.9 |
| 05:30 AM - 05:35 AM | 49.1 | 60.6 | 45.0 |
| 05:35 AM - 05:40 AM | 48.7 | 61.1 | 44.5 |
| 05:40 AM - 05:45 AM | 48.1 | 59.4 | 44.3 |
| 05:45 AM - 05:50 AM | 54.8 | 68.8 | 45.4 |
| 05:50 AM - 05:55 AM | 54.8 | 70.4 | 45.3 |
| 05:55 AM - 06:00 AM | 53.5 | 68.5 | 46.1 |
| 06:00 AM - 07:00 AM | 53.1 | 73.3 | 47.0 |
| 07:00 AM - 08:00 AM | 55.9 | 77.3 | 47.8 |
| 08:00 AM - 09:00 AM | 53.7 | 79.4 | 45.4 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854851-1



**Sample No.** 23128880-26
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 55.7 | 83.5 | 45.0 |
| 10:00 AM - 11:00 AM | 52.6 | 76.7 | 44.5 |
| 11:00 AM - 12:00 PM | 51.4 | 72.6 | 42.0 |
| 12:00 PM - 01:00 PM | 51.2 | 71.4 | 42.8 |
| 01:00 PM - 02:00 PM | 51.7 | 73.3 | 43.2 |
| 02:00 PM - 03:00 PM | 50.5 | 71.8 | 43.3 |
| 03:00 PM - 04:00 PM | 50.7 | 72.1 | 43.0 |
| 04:00 PM - 05:00 PM | 52.6 | 73.5 | 45.6 |
| 05:00 PM - 06:00 PM | 58.5 | 84.3 | 49.4 |
| 06:00 PM - 07:00 PM | 57.4 | 89.4 | 49.4 |
| 07:00 PM - 08:00 PM | 54.9 | 74.5 | 50.6 |
| 08:00 PM - 09:00 PM | 54.9 | 76.5 | 48.9 |
| 09:00 PM - 10:00 PM | 52.2 | 77.3 | 47.1 |
| 10:00 PM - 10:05 PM | 48.5 | 61.3 | 46.5 |
| 10:05 PM - 10:10 PM | 49.4 | 60.1 | 46.4 |
| 10:10 PM - 10:15 PM | 48.8 | 62.3 | 46.0 |
| 10:15 PM - 10:20 PM | 49.4 | 59.8 | 45.6 |
| 10:20 PM - 10:25 PM | 50.8 | 63.2 | 46.1 |
| 10:25 PM - 10:30 PM | 50.7 | 63.2 | 46.2 |
| 10:30 PM - 10:35 PM | 50.1 | 62.7 | 45.1 |
| 10:35 PM - 10:40 PM | 50.6 | 73.0 | 44.3 |
| 10:40 PM - 10:45 PM | 49.3 | 64.9 | 45.0 |
| 10:45 PM - 10:50 PM | 47.2 | 56.8 | 44.6 |
| 10:50 PM - 10:55 PM | 49.0 | 67.7 | 44.5 |
| 10:55 PM - 11:00 PM | 46.0 | 58.2 | 43.9 |
| 11:00 PM - 11:05 PM | 47.9 | 62.3 | 43.5 |
| 11:05 PM - 11:10 PM | 44.9 | 58.4 | 42.8 |
| 11:10 PM - 11:15 PM | 46.5 | 61.5 | 42.8 |
| 11:15 PM - 11:20 PM | 45.2 | 60.0 | 43.3 |
| 11:20 PM - 11:25 PM | 45.4 | 57.9 | 42.3 |
| 11:25 PM - 11:30 PM | 44.0 | 56.7 | 42.3 |
| 11:30 PM - 11:35 PM | 45.2 | 56.4 | 43.1 |
| 11:35 PM - 11:40 PM | 48.5 | 61.6 | 44.2 |
| 11:40 PM - 11:45 PM | 49.4 | 67.8 | 43.4 |
| 11:45 PM - 11:50 PM | 45.6 | 59.1 | 43.8 |
| 11:50 PM - 11:55 PM | 44.7 | 53.2 | 43.3 |
| 11:55 PM - 12:00 AM | 46.8 | 58.6 | 43.5 |
| 12:00 AM - 12:05 AM | 50.1 | 64.4 | 43.5 |
| 12:05 AM - 12:10 AM | 45.8 | 63.3 | 42.0 |
| 12:10 AM - 12:15 AM | 45.8 | 60.2 | 42.4 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854851-1



**Sample No.** 23128880-26
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:15 AM - 12:20 AM | 46.5 | 59.9 | 42.9 |
| 12:20 AM - 12:25 AM | 44.8 | 53.6 | 42.6 |
| 12:25 AM - 12:30 AM | 49.8 | 65.9 | 43.1 |
| 12:30 AM - 12:35 AM | 46.6 | 64.8 | 42.7 |
| 12:35 AM - 12:40 AM | 45.0 | 60.8 | 42.6 |
| 12:40 AM - 12:45 AM | 43.9 | 53.5 | 42.6 |
| 12:45 AM - 12:50 AM | 49.2 | 68.9 | 42.9 |
| 12:50 AM - 12:55 AM | 50.6 | 72.2 | 42.8 |
| 12:55 AM - 01:00 AM | 45.5 | 57.6 | 43.5 |
| 01:00 AM - 01:05 AM | 45.5 | 63.9 | 43.1 |
| 01:05 AM - 01:10 AM | 44.1 | 46.3 | 43.2 |
| 01:10 AM - 01:15 AM | 46.9 | 61.8 | 43.2 |
| 01:15 AM - 01:20 AM | 48.8 | 68.8 | 43.5 |
| 01:20 AM - 01:25 AM | 44.7 | 57.8 | 42.9 |
| 01:25 AM - 01:30 AM | 43.6 | 45.6 | 42.8 |
| 01:30 AM - 01:35 AM | 45.0 | 58.6 | 43.1 |
| 01:35 AM - 01:40 AM | 46.4 | 60.0 | 43.2 |
| 01:40 AM - 01:45 AM | 44.9 | 58.6 | 43.2 |
| 01:45 AM - 01:50 AM | 44.4 | 49.2 | 43.0 |
| 01:50 AM - 01:55 AM | 44.6 | 50.3 | 43.0 |
| 01:55 AM - 02:00 AM | 44.7 | 56.3 | 43.1 |
| 02:00 AM - 02:05 AM | 45.2 | 50.5 | 43.6 |
| 02:05 AM - 02:10 AM | 44.9 | 50.2 | 42.8 |
| 02:10 AM - 02:15 AM | 45.8 | 62.0 | 42.2 |
| 02:15 AM - 02:20 AM | 44.5 | 50.4 | 42.7 |
| 02:20 AM - 02:25 AM | 43.3 | 47.8 | 41.5 |
| 02:25 AM - 02:30 AM | 45.0 | 57.3 | 42.6 |
| 02:30 AM - 02:35 AM | 45.3 | 56.6 | 43.2 |
| 02:35 AM - 02:40 AM | 45.1 | 57.0 | 42.9 |
| 02:40 AM - 02:45 AM | 45.2 | 59.7 | 42.8 |
| 02:45 AM - 02:50 AM | 44.6 | 48.6 | 42.7 |
| 02:50 AM - 02:55 AM | 45.0 | 52.8 | 43.4 |
| 02:55 AM - 03:00 AM | 45.5 | 49.6 | 43.6 |
| 03:00 AM - 03:05 AM | 45.5 | 49.7 | 43.2 |
| 03:05 AM - 03:10 AM | 48.4 | 63.8 | 43.9 |
| 03:10 AM - 03:15 AM | 46.0 | 54.0 | 43.9 |
| 03:15 AM - 03:20 AM | 45.1 | 54.4 | 42.4 |
| 03:20 AM - 03:25 AM | 43.7 | 50.3 | 41.9 |
| 03:25 AM - 03:30 AM | 44.1 | 50.2 | 41.8 |
| 03:30 AM - 03:35 AM | 43.1 | 54.2 | 41.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854851-1



**Sample No.** 23128880-26
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:35 AM - 03:40 AM | 45.0 | 53.2 | 42.5 |
| 03:40 AM - 03:45 AM | 47.5 | 65.6 | 43.0 |
| 03:45 AM - 03:50 AM | 46.9 | 64.8 | 42.8 |
| 03:50 AM - 03:55 AM | 45.0 | 52.2 | 43.1 |
| 03:55 AM - 04:00 AM | 44.1 | 47.7 | 42.3 |
| 04:00 AM - 04:05 AM | 44.9 | 58.1 | 42.2 |
| 04:05 AM - 04:10 AM | 43.8 | 55.8 | 41.9 |
| 04:10 AM - 04:15 AM | 45.2 | 61.0 | 42.3 |
| 04:15 AM - 04:20 AM | 46.2 | 60.2 | 43.2 |
| 04:20 AM - 04:25 AM | 47.0 | 57.1 | 42.8 |
| 04:25 AM - 04:30 AM | 45.9 | 57.5 | 42.4 |
| 04:30 AM - 04:35 AM | 45.2 | 56.5 | 41.6 |
| 04:35 AM - 04:40 AM | 45.2 | 57.2 | 41.7 |
| 04:40 AM - 04:45 AM | 45.4 | 57.2 | 42.1 |
| 04:45 AM - 04:50 AM | 48.5 | 66.8 | 42.8 |
| 04:50 AM - 04:55 AM | 47.0 | 59.4 | 42.0 |
| 04:55 AM - 05:00 AM | 47.4 | 61.0 | 42.5 |
| 05:00 AM - 05:05 AM | 46.2 | 59.1 | 42.5 |
| 05:05 AM - 05:10 AM | 50.1 | 68.7 | 42.5 |
| 05:10 AM - 05:15 AM | 52.2 | 67.0 | 43.3 |
| 05:15 AM - 05:20 AM | 48.3 | 60.7 | 42.9 |
| 05:20 AM - 05:25 AM | 47.0 | 58.8 | 42.2 |
| 05:25 AM - 05:30 AM | 49.5 | 65.8 | 42.2 |
| 05:30 AM - 05:35 AM | 47.8 | 61.4 | 43.0 |
| 05:35 AM - 05:40 AM | 49.3 | 66.5 | 42.9 |
| 05:40 AM - 05:45 AM | 47.9 | 60.8 | 43.0 |
| 05:45 AM - 05:50 AM | 50.6 | 69.3 | 43.7 |
| 05:50 AM - 05:55 AM | 56.6 | 69.5 | 43.5 |
| 05:55 AM - 06:00 AM | 55.7 | 69.7 | 44.8 |
| 06:00 AM - 07:00 AM | 53.3 | 76.3 | 45.7 |
| 07:00 AM - 08:00 AM | 56.4 | 77.0 | 48.2 |
| 08:00 AM - 09:00 AM | 54.2 | 78.1 | 43.0 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854852-1



**Sample No.** 23128880-27
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 51.6 | 75.4 | 41.0 |
| 10:00 AM - 11:00 AM | 53.6 | 79.8 | 43.6 |
| 11:00 AM - 12:00 PM | 51.3 | 72.6 | 42.7 |
| 12:00 PM - 01:00 PM | 52.0 | 77.5 | 42.3 |
| 01:00 PM - 02:00 PM | 51.8 | 73.7 | 42.9 |
| 02:00 PM - 03:00 PM | 51.1 | 83.4 | 42.3 |
| 03:00 PM - 04:00 PM | 49.9 | 71.9 | 41.3 |
| 04:00 PM - 05:00 PM | 55.1 | 79.0 | 42.8 |
| 05:00 PM - 06:00 PM | 56.6 | 83.4 | 44.9 |
| 06:00 PM - 07:00 PM | 53.5 | 74.0 | 47.4 |
| 07:00 PM - 08:00 PM | 55.0 | 81.7 | 48.5 |
| 08:00 PM - 09:00 PM | 56.8 | 83.0 | 47.8 |
| 09:00 PM - 10:00 PM | 49.4 | 76.9 | 44.0 |
| 10:00 PM - 10:05 PM | 48.1 | 65.6 | 43.5 |
| 10:05 PM - 10:10 PM | 45.1 | 49.7 | 43.5 |
| 10:10 PM - 10:15 PM | 46.6 | 57.9 | 43.8 |
| 10:15 PM - 10:20 PM | 44.2 | 49.7 | 43.3 |
| 10:20 PM - 10:25 PM | 45.0 | 53.8 | 43.7 |
| 10:25 PM - 10:30 PM | 44.6 | 46.9 | 43.6 |
| 10:30 PM - 10:35 PM | 44.4 | 53.6 | 43.1 |
| 10:35 PM - 10:40 PM | 45.7 | 61.8 | 42.7 |
| 10:40 PM - 10:45 PM | 45.6 | 62.3 | 43.2 |
| 10:45 PM - 10:50 PM | 44.5 | 48.5 | 42.9 |
| 10:50 PM - 10:55 PM | 44.1 | 47.1 | 43.1 |
| 10:55 PM - 11:00 PM | 43.8 | 48.2 | 42.6 |
| 11:00 PM - 11:05 PM | 51.2 | 68.5 | 43.3 |
| 11:05 PM - 11:10 PM | 45.6 | 59.9 | 43.2 |
| 11:10 PM - 11:15 PM | 46.0 | 62.5 | 42.9 |
| 11:15 PM - 11:20 PM | 46.2 | 61.0 | 42.9 |
| 11:20 PM - 11:25 PM | 45.0 | 51.5 | 42.6 |
| 11:25 PM - 11:30 PM | 44.8 | 49.7 | 42.8 |
| 11:30 PM - 11:35 PM | 44.4 | 49.6 | 42.2 |
| 11:35 PM - 11:40 PM | 44.8 | 58.6 | 42.5 |
| 11:40 PM - 11:45 PM | 44.4 | 55.0 | 42.5 |
| 11:45 PM - 11:50 PM | 43.8 | 52.2 | 42.5 |
| 11:50 PM - 11:55 PM | 47.8 | 65.2 | 42.9 |
| 11:55 PM - 12:00 AM | 46.6 | 53.1 | 44.0 |
| 12:00 AM - 12:05 AM | 46.6 | 50.2 | 44.5 |
| 12:05 AM - 12:10 AM | 44.4 | 55.3 | 42.6 |
| 12:10 AM - 12:15 AM | 44.9 | 53.1 | 43.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854852-1



**Sample No.** 23128880-27
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:15 AM - 12:20 AM | 45.2 | 58.2 | 43.3 |
| 12:20 AM - 12:25 AM | 45.9 | 63.0 | 43.0 |
| 12:25 AM - 12:30 AM | 45.5 | 61.3 | 42.2 |
| 12:30 AM - 12:35 AM | 43.1 | 50.4 | 41.4 |
| 12:35 AM - 12:40 AM | 44.1 | 54.9 | 41.7 |
| 12:40 AM - 12:45 AM | 44.1 | 55.4 | 41.6 |
| 12:45 AM - 12:50 AM | 49.2 | 69.7 | 40.7 |
| 12:50 AM - 12:55 AM | 45.2 | 62.2 | 40.8 |
| 12:55 AM - 01:00 AM | 42.7 | 46.6 | 41.3 |
| 01:00 AM - 01:05 AM | 43.0 | 50.8 | 41.0 |
| 01:05 AM - 01:10 AM | 43.8 | 58.2 | 41.3 |
| 01:10 AM - 01:15 AM | 42.9 | 50.2 | 41.0 |
| 01:15 AM - 01:20 AM | 41.1 | 47.6 | 39.8 |
| 01:20 AM - 01:25 AM | 44.8 | 63.5 | 40.2 |
| 01:25 AM - 01:30 AM | 42.0 | 46.1 | 41.1 |
| 01:30 AM - 01:35 AM | 43.5 | 55.6 | 40.3 |
| 01:35 AM - 01:40 AM | 41.1 | 46.1 | 40.1 |
| 01:40 AM - 01:45 AM | 40.4 | 44.9 | 39.5 |
| 01:45 AM - 01:50 AM | 40.9 | 45.9 | 39.9 |
| 01:50 AM - 01:55 AM | 41.3 | 45.5 | 40.3 |
| 01:55 AM - 02:00 AM | 42.3 | 53.7 | 40.8 |
| 02:00 AM - 02:05 AM | 41.0 | 45.7 | 39.8 |
| 02:05 AM - 02:10 AM | 41.3 | 44.9 | 40.3 |
| 02:10 AM - 02:15 AM | 41.3 | 44.9 | 40.3 |
| 02:15 AM - 02:20 AM | 41.5 | 51.0 | 40.3 |
| 02:20 AM - 02:25 AM | 41.6 | 47.4 | 40.3 |
| 02:25 AM - 02:30 AM | 43.0 | 55.9 | 40.6 |
| 02:30 AM - 02:35 AM | 42.4 | 47.4 | 40.4 |
| 02:35 AM - 02:40 AM | 43.3 | 50.7 | 41.2 |
| 02:40 AM - 02:45 AM | 43.6 | 50.6 | 41.9 |
| 02:45 AM - 02:50 AM | 43.0 | 48.4 | 41.9 |
| 02:50 AM - 02:55 AM | 42.4 | 46.4 | 41.4 |
| 02:55 AM - 03:00 AM | 42.4 | 46.9 | 41.3 |
| 03:00 AM - 03:05 AM | 42.7 | 47.1 | 41.4 |
| 03:05 AM - 03:10 AM | 45.6 | 61.9 | 42.3 |
| 03:10 AM - 03:15 AM | 43.2 | 47.1 | 41.9 |
| 03:15 AM - 03:20 AM | 43.3 | 50.5 | 41.4 |
| 03:20 AM - 03:25 AM | 43.5 | 52.5 | 42.0 |
| 03:25 AM - 03:30 AM | 44.8 | 54.5 | 41.3 |
| 03:30 AM - 03:35 AM | 45.3 | 62.2 | 41.7 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854852-1



**Sample No.** 23128880-27
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:35 AM - 03:40 AM | 42.6 | 45.3 | 41.5 |
| 03:40 AM - 03:45 AM | 42.4 | 52.0 | 41.3 |
| 03:45 AM - 03:50 AM | 43.8 | 57.5 | 41.4 |
| 03:50 AM - 03:55 AM | 41.8 | 44.5 | 40.7 |
| 03:55 AM - 04:00 AM | 42.8 | 54.5 | 39.7 |
| 04:00 AM - 04:05 AM | 42.6 | 54.6 | 40.7 |
| 04:05 AM - 04:10 AM | 42.8 | 53.9 | 40.0 |
| 04:10 AM - 04:15 AM | 41.3 | 56.5 | 39.2 |
| 04:15 AM - 04:20 AM | 42.2 | 52.4 | 39.8 |
| 04:20 AM - 04:25 AM | 41.9 | 51.5 | 39.5 |
| 04:25 AM - 04:30 AM | 42.2 | 53.3 | 39.1 |
| 04:30 AM - 04:35 AM | 39.9 | 50.4 | 38.1 |
| 04:35 AM - 04:40 AM | 42.7 | 61.6 | 38.5 |
| 04:40 AM - 04:45 AM | 44.1 | 58.3 | 38.6 |
| 04:45 AM - 04:50 AM | 43.0 | 55.8 | 38.9 |
| 04:50 AM - 04:55 AM | 42.4 | 54.8 | 38.7 |
| 04:55 AM - 05:00 AM | 42.6 | 52.3 | 38.8 |
| 05:00 AM - 05:05 AM | 44.0 | 56.3 | 39.8 |
| 05:05 AM - 05:10 AM | 43.9 | 54.0 | 40.6 |
| 05:10 AM - 05:15 AM | 45.8 | 58.1 | 39.8 |
| 05:15 AM - 05:20 AM | 45.0 | 53.7 | 41.2 |
| 05:20 AM - 05:25 AM | 46.1 | 57.2 | 42.3 |
| 05:25 AM - 05:30 AM | 46.8 | 59.2 | 42.8 |
| 05:30 AM - 05:35 AM | 47.1 | 60.7 | 42.2 |
| 05:35 AM - 05:40 AM | 47.5 | 65.0 | 43.2 |
| 05:40 AM - 05:45 AM | 48.4 | 61.9 | 43.3 |
| 05:45 AM - 05:50 AM | 47.7 | 58.3 | 43.7 |
| 05:50 AM - 05:55 AM | 52.4 | 68.0 | 44.4 |
| 05:55 AM - 06:00 AM | 51.3 | 67.3 | 44.4 |
| 06:00 AM - 07:00 AM | 49.6 | 71.8 | 44.7 |
| 07:00 AM - 08:00 AM | 52.8 | 71.2 | 45.0 |
| 08:00 AM - 09:00 AM | 51.7 | 79.4 | 39.9 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854853-1



**Sample No.** 23128880-28
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 09:00 AM - 10:00 AM | 48.2 | 72.8 | 39.2 |
| 10:00 AM - 11:00 AM | 48.2 | 70.5 | 38.4 |
| 11:00 AM - 12:00 PM | 45.8 | 70.1 | 36.2 |
| 12:00 PM - 01:00 PM | 46.2 | 73.7 | 37.1 |
| 01:00 PM - 02:00 PM | 47.0 | 73.0 | 36.8 |
| 02:00 PM - 03:00 PM | 49.7 | 75.5 | 39.4 |
| 03:00 PM - 04:00 PM | 48.0 | 70.9 | 36.3 |
| 04:00 PM - 05:00 PM | 48.4 | 74.0 | 36.1 |
| 05:00 PM - 06:00 PM | 51.8 | 75.0 | 39.2 |
| 06:00 PM - 07:00 PM | 49.7 | 72.2 | 43.4 |
| 07:00 PM - 08:00 PM | 46.6 | 66.8 | 43.3 |
| 08:00 PM - 09:00 PM | 45.9 | 61.8 | 42.7 |
| 09:00 PM - 10:00 PM | 44.2 | 66.2 | 41.9 |
| 10:00 PM - 10:05 PM | 44.9 | 56.1 | 41.4 |
| 10:05 PM - 10:10 PM | 48.2 | 68.2 | 41.0 |
| 10:10 PM - 10:15 PM | 43.5 | 56.7 | 38.6 |
| 10:15 PM - 10:20 PM | 44.0 | 58.5 | 36.5 |
| 10:20 PM - 10:25 PM | 42.6 | 52.1 | 41.0 |
| 10:25 PM - 10:30 PM | 43.1 | 55.1 | 41.4 |
| 10:30 PM - 10:35 PM | 43.1 | 48.0 | 41.8 |
| 10:35 PM - 10:40 PM | 44.9 | 59.2 | 41.3 |
| 10:40 PM - 10:45 PM | 41.3 | 53.6 | 37.1 |
| 10:45 PM - 10:50 PM | 54.5 | 61.4 | 40.8 |
| 10:50 PM - 10:55 PM | 50.7 | 62.9 | 43.6 |
| 10:55 PM - 11:00 PM | 46.7 | 56.0 | 42.1 |
| 11:00 PM - 11:05 PM | 42.2 | 53.3 | 38.1 |
| 11:05 PM - 11:10 PM | 41.3 | 54.1 | 38.3 |
| 11:10 PM - 11:15 PM | 42.4 | 53.2 | 38.9 |
| 11:15 PM - 11:20 PM | 44.1 | 55.4 | 39.5 |
| 11:20 PM - 11:25 PM | 42.3 | 50.2 | 39.7 |
| 11:25 PM - 11:30 PM | 44.8 | 61.0 | 40.0 |
| 11:30 PM - 11:35 PM | 41.5 | 47.5 | 40.2 |
| 11:35 PM - 11:40 PM | 42.0 | 48.3 | 40.4 |
| 11:40 PM - 11:45 PM | 44.3 | 58.5 | 40.9 |
| 11:45 PM - 11:50 PM | 45.5 | 63.2 | 39.7 |
| 11:50 PM - 11:55 PM | 43.5 | 55.2 | 41.1 |
| 11:55 PM - 12:00 AM | 48.8 | 67.8 | 41.4 |
| 12:00 AM - 12:05 AM | 42.8 | 47.6 | 42.0 |
| 12:05 AM - 12:10 AM | 47.3 | 69.5 | 39.0 |
| 12:10 AM - 12:15 AM | 41.2 | 43.2 | 40.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai,
Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854853-1



**Sample No.** 23128880-28
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:15 AM - 12:20 AM | 42.1 | 49.7 | 40.6 |
| 12:20 AM - 12:25 AM | 43.5 | 60.5 | 38.1 |
| 12:25 AM - 12:30 AM | 41.4 | 50.0 | 36.7 |
| 12:30 AM - 12:35 AM | 38.0 | 47.5 | 36.2 |
| 12:35 AM - 12:40 AM | 40.7 | 45.8 | 38.1 |
| 12:40 AM - 12:45 AM | 41.2 | 46.7 | 39.2 |
| 12:45 AM - 12:50 AM | 41.8 | 45.3 | 40.5 |
| 12:50 AM - 12:55 AM | 43.9 | 57.7 | 40.9 |
| 12:55 AM - 01:00 AM | 43.6 | 56.9 | 40.9 |
| 01:00 AM - 01:05 AM | 51.9 | 73.0 | 41.0 |
| 01:05 AM - 01:10 AM | 42.1 | 44.7 | 40.7 |
| 01:10 AM - 01:15 AM | 43.1 | 54.8 | 41.0 |
| 01:15 AM - 01:20 AM | 42.4 | 45.9 | 40.8 |
| 01:20 AM - 01:25 AM | 42.3 | 57.2 | 39.4 |
| 01:25 AM - 01:30 AM | 43.9 | 55.9 | 39.8 |
| 01:30 AM - 01:35 AM | 41.2 | 49.4 | 39.5 |
| 01:35 AM - 01:40 AM | 42.2 | 44.7 | 41.0 |
| 01:40 AM - 01:45 AM | 43.4 | 53.0 | 41.6 |
| 01:45 AM - 01:50 AM | 42.1 | 48.9 | 40.7 |
| 01:50 AM - 01:55 AM | 41.7 | 43.6 | 40.6 |
| 01:55 AM - 02:00 AM | 41.9 | 46.8 | 40.8 |
| 02:00 AM - 02:05 AM | 42.3 | 48.3 | 41.2 |
| 02:05 AM - 02:10 AM | 42.1 | 47.8 | 40.6 |
| 02:10 AM - 02:15 AM | 41.2 | 48.3 | 40.3 |
| 02:15 AM - 02:20 AM | 41.4 | 54.1 | 39.5 |
| 02:20 AM - 02:25 AM | 41.2 | 46.3 | 39.8 |
| 02:25 AM - 02:30 AM | 42.5 | 54.7 | 40.6 |
| 02:30 AM - 02:35 AM | 42.0 | 47.0 | 40.7 |
| 02:35 AM - 02:40 AM | 43.0 | 55.9 | 41.2 |
| 02:40 AM - 02:45 AM | 44.2 | 59.0 | 41.2 |
| 02:45 AM - 02:50 AM | 43.2 | 53.7 | 41.3 |
| 02:50 AM - 02:55 AM | 43.1 | 50.2 | 41.0 |
| 02:55 AM - 03:00 AM | 42.3 | 49.1 | 40.1 |
| 03:00 AM - 03:05 AM | 41.5 | 44.6 | 40.1 |
| 03:05 AM - 03:10 AM | 42.6 | 53.7 | 40.4 |
| 03:10 AM - 03:15 AM | 40.9 | 44.3 | 39.9 |
| 03:15 AM - 03:20 AM | 41.3 | 45.4 | 40.1 |
| 03:20 AM - 03:25 AM | 42.1 | 54.4 | 40.1 |
| 03:25 AM - 03:30 AM | 41.8 | 53.0 | 40.2 |
| 03:30 AM - 03:35 AM | 42.7 | 48.4 | 41.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854853-1



**Sample No.** 23128880-28
**Parameter** Noise
**Location** ศาลาชุมชนเข้มแข็ง บ้านหนองปลาไหล (บ้านในซาก) (N4) (GPS 47P 0752941, 1425287) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 920832

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:35 AM - 03:40 AM | 43.0 | 48.5 | 41.1 |
| 03:40 AM - 03:45 AM | 43.0 | 49.6 | 41.3 |
| 03:45 AM - 03:50 AM | 43.4 | 55.2 | 41.0 |
| 03:50 AM - 03:55 AM | 46.0 | 55.8 | 41.4 |
| 03:55 AM - 04:00 AM | 43.7 | 52.9 | 41.2 |
| 04:00 AM - 04:05 AM | 42.1 | 45.1 | 40.9 |
| 04:05 AM - 04:10 AM | 42.6 | 51.9 | 40.7 |
| 04:10 AM - 04:15 AM | 42.6 | 51.7 | 40.4 |
| 04:15 AM - 04:20 AM | 42.7 | 54.4 | 40.5 |
| 04:20 AM - 04:25 AM | 43.1 | 53.7 | 40.7 |
| 04:25 AM - 04:30 AM | 44.1 | 56.4 | 40.4 |
| 04:30 AM - 04:35 AM | 42.6 | 54.3 | 40.2 |
| 04:35 AM - 04:40 AM | 51.4 | 69.0 | 39.7 |
| 04:40 AM - 04:45 AM | 45.2 | 57.8 | 39.4 |
| 04:45 AM - 04:50 AM | 42.6 | 55.4 | 39.3 |
| 04:50 AM - 04:55 AM | 43.1 | 51.8 | 41.2 |
| 04:55 AM - 05:00 AM | 43.6 | 55.4 | 40.5 |
| 05:00 AM - 05:05 AM | 41.9 | 54.3 | 40.9 |
| 05:05 AM - 05:10 AM | 44.4 | 57.0 | 41.0 |
| 05:10 AM - 05:15 AM | 46.7 | 60.0 | 40.4 |
| 05:15 AM - 05:20 AM | 46.2 | 59.0 | 40.9 |
| 05:20 AM - 05:25 AM | 46.9 | 62.3 | 41.6 |
| 05:25 AM - 05:30 AM | 46.8 | 58.3 | 42.7 |
| 05:30 AM - 05:35 AM | 46.4 | 58.8 | 42.2 |
| 05:35 AM - 05:40 AM | 45.8 | 57.1 | 42.0 |
| 05:40 AM - 05:45 AM | 52.5 | 66.5 | 43.1 |
| 05:45 AM - 05:50 AM | 52.5 | 68.1 | 43.0 |
| 05:50 AM - 05:55 AM | 51.2 | 66.2 | 43.8 |
| 05:55 AM - 06:00 AM | 47.8 | 59.1 | 44.2 |
| 06:00 AM - 07:00 AM | 50.9 | 71.0 | 44.7 |
| 07:00 AM - 08:00 AM | 53.8 | 75.0 | 45.5 |
| 08:00 AM - 09:00 AM | 51.0 | 77.1 | 43.0 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854854-1



**Sample No.** 23128880-29
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 48.2 | 81.4 | 38.2 |
| 02:00 PM - 03:00 PM | 53.7 | 79.3 | 42.5 |
| 03:00 PM - 04:00 PM | 50.4 | 75.3 | 41.7 |
| 04:00 PM - 05:00 PM | 51.0 | 75.5 | 42.5 |
| 05:00 PM - 06:00 PM | 49.8 | 78.3 | 42.1 |
| 06:00 PM - 07:00 PM | 49.0 | 69.6 | 45.2 |
| 07:00 PM - 08:00 PM | 55.0 | 68.1 | 50.6 |
| 08:00 PM - 09:00 PM | 52.9 | 66.5 | 51.6 |
| 09:00 PM - 10:00 PM | 53.0 | 62.8 | 51.9 |
| 10:00 PM - 10:05 PM | 53.8 | 55.4 | 53.1 |
| 10:05 PM - 10:10 PM | 53.4 | 56.9 | 52.5 |
| 10:10 PM - 10:15 PM | 58.5 | 79.4 | 53.0 |
| 10:15 PM - 10:20 PM | 53.6 | 58.6 | 52.7 |
| 10:20 PM - 10:25 PM | 65.7 | 82.4 | 52.7 |
| 10:25 PM - 10:30 PM | 60.1 | 79.3 | 52.2 |
| 10:30 PM - 10:35 PM | 58.1 | 84.1 | 52.0 |
| 10:35 PM - 10:40 PM | 51.9 | 53.9 | 50.9 |
| 10:40 PM - 10:45 PM | 51.4 | 58.3 | 50.0 |
| 10:45 PM - 10:50 PM | 52.1 | 60.8 | 50.1 |
| 10:50 PM - 10:55 PM | 52.1 | 60.6 | 50.6 |
| 10:55 PM - 11:00 PM | 56.3 | 61.4 | 51.1 |
| 11:00 PM - 11:05 PM | 60.2 | 63.5 | 52.8 |
| 11:05 PM - 11:10 PM | 59.9 | 64.4 | 52.3 |
| 11:10 PM - 11:15 PM | 59.5 | 62.0 | 52.2 |
| 11:15 PM - 11:20 PM | 59.3 | 62.0 | 52.3 |
| 11:20 PM - 11:25 PM | 58.3 | 62.0 | 51.8 |
| 11:25 PM - 11:30 PM | 58.7 | 61.6 | 52.6 |
| 11:30 PM - 11:35 PM | 58.8 | 61.8 | 52.6 |
| 11:35 PM - 11:40 PM | 59.5 | 62.1 | 52.3 |
| 11:40 PM - 11:45 PM | 59.3 | 61.9 | 52.7 |
| 11:45 PM - 11:50 PM | 58.7 | 62.7 | 52.3 |
| 11:50 PM - 11:55 PM | 59.4 | 61.8 | 52.8 |
| 11:55 PM - 12:00 AM | 57.0 | 61.9 | 51.1 |
| 12:00 AM - 12:05 AM | 58.3 | 62.1 | 51.6 |
| 12:05 AM - 12:10 AM | 58.0 | 61.6 | 51.3 |
| 12:10 AM - 12:15 AM | 58.4 | 61.4 | 52.1 |
| 12:15 AM - 12:20 AM | 59.0 | 61.8 | 53.6 |
| 12:20 AM - 12:25 AM | 57.3 | 61.6 | 52.2 |
| 12:25 AM - 12:30 AM | 53.0 | 55.1 | 51.0 |
| 12:30 AM - 12:35 AM | 52.1 | 54.6 | 50.0 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854854-1



**Sample No.** 23128880-29
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:35 AM - 12:40 AM | 52.9 | 54.8 | 50.9 |
| 12:40 AM - 12:45 AM | 54.5 | 60.1 | 51.6 |
| 12:45 AM - 12:50 AM | 55.2 | 60.1 | 52.5 |
| 12:50 AM - 12:55 AM | 54.6 | 62.7 | 51.3 |
| 12:55 AM - 01:00 AM | 55.9 | 61.9 | 52.2 |
| 01:00 AM - 01:05 AM | 56.2 | 59.1 | 52.2 |
| 01:05 AM - 01:10 AM | 52.5 | 56.7 | 50.5 |
| 01:10 AM - 01:15 AM | 53.9 | 62.7 | 50.7 |
| 01:15 AM - 01:20 AM | 55.7 | 59.7 | 52.0 |
| 01:20 AM - 01:25 AM | 57.1 | 60.1 | 53.7 |
| 01:25 AM - 01:30 AM | 57.3 | 60.6 | 53.9 |
| 01:30 AM - 01:35 AM | 57.1 | 60.8 | 53.3 |
| 01:35 AM - 01:40 AM | 56.9 | 60.4 | 53.0 |
| 01:40 AM - 01:45 AM | 56.8 | 60.4 | 53.0 |
| 01:45 AM - 01:50 AM | 57.1 | 60.1 | 52.9 |
| 01:50 AM - 01:55 AM | 54.5 | 62.3 | 49.0 |
| 01:55 AM - 02:00 AM | 55.3 | 62.6 | 49.1 |
| 02:00 AM - 02:05 AM | 56.4 | 61.9 | 50.6 |
| 02:05 AM - 02:10 AM | 53.0 | 62.0 | 47.7 |
| 02:10 AM - 02:15 AM | 51.3 | 62.5 | 48.0 |
| 02:15 AM - 02:20 AM | 54.8 | 59.2 | 48.6 |
| 02:20 AM - 02:25 AM | 56.9 | 60.1 | 49.3 |
| 02:25 AM - 02:30 AM | 54.4 | 60.1 | 49.2 |
| 02:30 AM - 02:35 AM | 55.9 | 59.5 | 50.0 |
| 02:35 AM - 02:40 AM | 53.6 | 62.9 | 49.1 |
| 02:40 AM - 02:45 AM | 55.7 | 58.5 | 50.5 |
| 02:45 AM - 02:50 AM | 54.3 | 61.3 | 49.5 |
| 02:50 AM - 02:55 AM | 55.5 | 59.2 | 50.6 |
| 02:55 AM - 03:00 AM | 54.4 | 58.9 | 48.8 |
| 03:00 AM - 03:05 AM | 55.1 | 59.6 | 49.4 |
| 03:05 AM - 03:10 AM | 55.3 | 59.9 | 49.6 |
| 03:10 AM - 03:15 AM | 53.7 | 60.6 | 48.5 |
| 03:15 AM - 03:20 AM | 52.1 | 58.3 | 47.5 |
| 03:20 AM - 03:25 AM | 53.4 | 59.1 | 48.4 |
| 03:25 AM - 03:30 AM | 55.5 | 61.4 | 50.7 |
| 03:30 AM - 03:35 AM | 55.5 | 59.8 | 50.4 |
| 03:35 AM - 03:40 AM | 54.9 | 59.5 | 49.3 |
| 03:40 AM - 03:45 AM | 53.3 | 62.6 | 48.2 |
| 03:45 AM - 03:50 AM | 50.9 | 58.5 | 46.0 |
| 03:50 AM - 03:55 AM | 51.4 | 61.4 | 47.1 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854854-1



**Sample No.** 23128880-29
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 23 - 24, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:55 AM - 04:00 AM | 50.6 | 54.6 | 47.0 |
| 04:00 AM - 04:05 AM | 50.8 | 56.1 | 45.8 |
| 04:05 AM - 04:10 AM | 50.6 | 61.5 | 46.2 |
| 04:10 AM - 04:15 AM | 50.8 | 60.6 | 46.5 |
| 04:15 AM - 04:20 AM | 50.7 | 60.8 | 46.2 |
| 04:20 AM - 04:25 AM | 49.6 | 58.6 | 45.9 |
| 04:25 AM - 04:30 AM | 47.3 | 52.5 | 44.7 |
| 04:30 AM - 04:35 AM | 47.1 | 52.7 | 44.0 |
| 04:35 AM - 04:40 AM | 52.1 | 59.5 | 45.4 |
| 04:40 AM - 04:45 AM | 49.8 | 58.6 | 45.1 |
| 04:45 AM - 04:50 AM | 48.4 | 60.3 | 43.7 |
| 04:50 AM - 04:55 AM | 47.0 | 54.2 | 42.9 |
| 04:55 AM - 05:00 AM | 47.5 | 53.3 | 43.3 |
| 05:00 AM - 05:05 AM | 47.2 | 60.0 | 42.9 |
| 05:05 AM - 05:10 AM | 47.2 | 53.3 | 43.1 |
| 05:10 AM - 05:15 AM | 49.3 | 60.6 | 44.0 |
| 05:15 AM - 05:20 AM | 49.2 | 60.7 | 44.4 |
| 05:20 AM - 05:25 AM | 48.2 | 59.8 | 45.7 |
| 05:25 AM - 05:30 AM | 48.6 | 59.3 | 46.2 |
| 05:30 AM - 05:35 AM | 49.6 | 58.5 | 47.2 |
| 05:35 AM - 05:40 AM | 49.3 | 53.4 | 46.9 |
| 05:40 AM - 05:45 AM | 50.3 | 57.2 | 47.9 |
| 05:45 AM - 05:50 AM | 51.2 | 57.4 | 47.3 |
| 05:50 AM - 05:55 AM | 48.8 | 56.6 | 46.0 |
| 05:55 AM - 06:00 AM | 49.5 | 59.4 | 47.1 |
| 06:00 AM - 07:00 AM | 48.3 | 77.5 | 44.0 |
| 07:00 AM - 08:00 AM | 54.4 | 73.8 | 48.1 |
| 08:00 AM - 09:00 AM | 52.1 | 78.0 | 43.7 |
| 09:00 AM - 10:00 AM | 46.9 | 67.4 | 41.9 |
| 10:00 AM - 11:00 AM | 46.4 | 72.0 | 40.2 |
| 11:00 AM - 12:00 PM | 51.0 | 76.7 | 39.8 |
| 12:00 PM - 01:00 PM | 47.1 | 70.5 | 39.4 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854855-1



**Sample No.** 23128880-30
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 47.4 | 68.6 | 40.0 |
| 02:00 PM - 03:00 PM | 47.7 | 70.0 | 40.2 |
| 03:00 PM - 04:00 PM | 47.2 | 65.8 | 41.1 |
| 04:00 PM - 05:00 PM | 46.2 | 68.7 | 38.7 |
| 05:00 PM - 06:00 PM | 46.6 | 71.4 | 39.8 |
| 06:00 PM - 07:00 PM | 49.4 | 70.5 | 43.4 |
| 07:00 PM - 08:00 PM | 50.2 | 66.1 | 47.6 |
| 08:00 PM - 09:00 PM | 51.9 | 73.9 | 48.7 |
| 09:00 PM - 10:00 PM | 55.8 | 76.8 | 50.0 |
| 10:00 PM - 10:05 PM | 51.2 | 53.3 | 50.1 |
| 10:05 PM - 10:10 PM | 51.2 | 54.5 | 50.0 |
| 10:10 PM - 10:15 PM | 50.9 | 54.9 | 49.8 |
| 10:15 PM - 10:20 PM | 51.0 | 58.9 | 49.6 |
| 10:20 PM - 10:25 PM | 50.7 | 53.1 | 49.2 |
| 10:25 PM - 10:30 PM | 50.5 | 53.1 | 49.0 |
| 10:30 PM - 10:35 PM | 49.9 | 58.2 | 48.3 |
| 10:35 PM - 10:40 PM | 48.6 | 58.0 | 47.0 |
| 10:40 PM - 10:45 PM | 48.5 | 50.9 | 47.1 |
| 10:45 PM - 10:50 PM | 66.3 | 80.9 | 47.6 |
| 10:50 PM - 10:55 PM | 49.1 | 60.0 | 47.5 |
| 10:55 PM - 11:00 PM | 50.9 | 68.8 | 48.3 |
| 11:00 PM - 11:05 PM | 49.7 | 54.5 | 47.8 |
| 11:05 PM - 11:10 PM | 51.6 | 68.0 | 48.9 |
| 11:10 PM - 11:15 PM | 50.6 | 54.9 | 49.1 |
| 11:15 PM - 11:20 PM | 51.3 | 55.1 | 50.2 |
| 11:20 PM - 11:25 PM | 51.3 | 60.3 | 50.1 |
| 11:25 PM - 11:30 PM | 50.1 | 53.0 | 47.8 |
| 11:30 PM - 11:35 PM | 49.9 | 62.6 | 48.1 |
| 11:35 PM - 11:40 PM | 48.4 | 53.5 | 45.4 |
| 11:40 PM - 11:45 PM | 51.5 | 62.3 | 48.5 |
| 11:45 PM - 11:50 PM | 50.8 | 54.1 | 48.9 |
| 11:50 PM - 11:55 PM | 50.6 | 56.7 | 48.8 |
| 11:55 PM - 12:00 AM | 50.9 | 54.8 | 49.0 |
| 12:00 AM - 12:05 AM | 52.1 | 59.8 | 49.3 |
| 12:05 AM - 12:10 AM | 51.8 | 61.8 | 49.4 |
| 12:10 AM - 12:15 AM | 51.3 | 59.8 | 49.2 |
| 12:15 AM - 12:20 AM | 49.0 | 55.5 | 45.8 |
| 12:20 AM - 12:25 AM | 50.0 | 52.6 | 47.6 |
| 12:25 AM - 12:30 AM | 49.3 | 52.5 | 46.2 |
| 12:30 AM - 12:35 AM | 49.0 | 56.7 | 46.0 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION
BLA-DSS
TESTING
No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854855-1



**Sample No.** 23128880-30
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:35 AM - 12:40 AM | 49.1 | 51.9 | 46.2 |
| 12:40 AM - 12:45 AM | 48.3 | 55.3 | 46.1 |
| 12:45 AM - 12:50 AM | 49.2 | 52.1 | 46.4 |
| 12:50 AM - 12:55 AM | 49.8 | 52.5 | 47.1 |
| 12:55 AM - 01:00 AM | 49.6 | 53.3 | 47.0 |
| 01:00 AM - 01:05 AM | 47.7 | 56.0 | 46.0 |
| 01:05 AM - 01:10 AM | 46.8 | 50.8 | 45.6 |
| 01:10 AM - 01:15 AM | 47.8 | 51.9 | 46.0 |
| 01:15 AM - 01:20 AM | 48.6 | 52.2 | 46.8 |
| 01:20 AM - 01:25 AM | 48.4 | 52.9 | 45.8 |
| 01:25 AM - 01:30 AM | 47.8 | 54.8 | 45.5 |
| 01:30 AM - 01:35 AM | 47.8 | 50.6 | 45.8 |
| 01:35 AM - 01:40 AM | 48.0 | 52.2 | 45.6 |
| 01:40 AM - 01:45 AM | 47.8 | 50.5 | 45.4 |
| 01:45 AM - 01:50 AM | 48.5 | 52.0 | 46.3 |
| 01:50 AM - 01:55 AM | 48.1 | 51.0 | 46.0 |
| 01:55 AM - 02:00 AM | 46.4 | 52.4 | 44.5 |
| 02:00 AM - 02:05 AM | 47.5 | 54.8 | 45.7 |
| 02:05 AM - 02:10 AM | 47.5 | 50.2 | 46.1 |
| 02:10 AM - 02:15 AM | 48.2 | 51.1 | 46.9 |
| 02:15 AM - 02:20 AM | 49.4 | 61.4 | 46.8 |
| 02:20 AM - 02:25 AM | 49.1 | 60.1 | 46.7 |
| 02:25 AM - 02:30 AM | 48.0 | 58.7 | 46.4 |
| 02:30 AM - 02:35 AM | 48.5 | 51.3 | 46.7 |
| 02:35 AM - 02:40 AM | 48.3 | 52.0 | 46.5 |
| 02:40 AM - 02:45 AM | 47.4 | 53.9 | 45.6 |
| 02:45 AM - 02:50 AM | 47.5 | 50.8 | 46.1 |
| 02:50 AM - 02:55 AM | 47.5 | 51.5 | 46.2 |
| 02:55 AM - 03:00 AM | 47.8 | 51.5 | 46.0 |
| 03:00 AM - 03:05 AM | 47.7 | 55.8 | 45.8 |
| 03:05 AM - 03:10 AM | 47.4 | 50.8 | 45.6 |
| 03:10 AM - 03:15 AM | 47.9 | 54.9 | 46.3 |
| 03:15 AM - 03:20 AM | 47.3 | 50.7 | 45.6 |
| 03:20 AM - 03:25 AM | 46.0 | 49.7 | 44.4 |
| 03:25 AM - 03:30 AM | 46.5 | 49.6 | 45.0 |
| 03:30 AM - 03:35 AM | 46.7 | 52.7 | 45.1 |
| 03:35 AM - 03:40 AM | 47.8 | 51.5 | 45.5 |
| 03:40 AM - 03:45 AM | 47.9 | 51.6 | 45.7 |
| 03:45 AM - 03:50 AM | 48.0 | 51.2 | 45.9 |
| 03:50 AM - 03:55 AM | 48.4 | 53.0 | 46.3 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854855-1



**Sample No.** 23128880-30
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 24 - 25, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:55 AM - 04:00 AM | 47.3 | 52.4 | 44.6 |
| 04:00 AM - 04:05 AM | 46.2 | 49.9 | 44.6 |
| 04:05 AM - 04:10 AM | 45.4 | 49.8 | 43.9 |
| 04:10 AM - 04:15 AM | 44.4 | 48.3 | 42.7 |
| 04:15 AM - 04:20 AM | 44.4 | 49.3 | 42.7 |
| 04:20 AM - 04:25 AM | 47.7 | 62.1 | 42.5 |
| 04:25 AM - 04:30 AM | 44.1 | 50.2 | 42.4 |
| 04:30 AM - 04:35 AM | 44.0 | 53.0 | 41.7 |
| 04:35 AM - 04:40 AM | 48.5 | 62.2 | 41.8 |
| 04:40 AM - 04:45 AM | 64.1 | 83.5 | 54.5 |
| 04:45 AM - 04:50 AM | 48.6 | 61.8 | 41.4 |
| 04:50 AM - 04:55 AM | 45.7 | 62.9 | 41.2 |
| 04:55 AM - 05:00 AM | 43.3 | 59.9 | 41.2 |
| 05:00 AM - 05:05 AM | 45.7 | 63.2 | 40.8 |
| 05:05 AM - 05:10 AM | 44.9 | 61.8 | 41.2 |
| 05:10 AM - 05:15 AM | 44.8 | 60.0 | 41.6 |
| 05:15 AM - 05:20 AM | 45.2 | 61.1 | 42.2 |
| 05:20 AM - 05:25 AM | 48.1 | 62.3 | 42.4 |
| 05:25 AM - 05:30 AM | 46.7 | 61.1 | 43.0 |
| 05:30 AM - 05:35 AM | 47.7 | 58.8 | 42.2 |
| 05:35 AM - 05:40 AM | 48.3 | 61.7 | 41.9 |
| 05:40 AM - 05:45 AM | 49.4 | 61.7 | 42.6 |
| 05:45 AM - 05:50 AM | 49.6 | 62.8 | 43.6 |
| 05:50 AM - 05:55 AM | 49.3 | 61.4 | 44.9 |
| 05:55 AM - 06:00 AM | 48.3 | 59.7 | 45.6 |
| 06:00 AM - 07:00 AM | 51.6 | 91.9 | 42.3 |
| 07:00 AM - 08:00 AM | 49.0 | 73.7 | 39.8 |
| 08:00 AM - 09:00 AM | 46.2 | 80.3 | 37.8 |
| 09:00 AM - 10:00 AM | 42.5 | 62.5 | 37.2 |
| 10:00 AM - 11:00 AM | 42.9 | 62.2 | 37.7 |
| 11:00 AM - 12:00 PM | 48.2 | 87.6 | 40.0 |
| 12:00 PM - 01:00 PM | 47.0 | 63.2 | 40.9 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854856-1



**Sample No.** 23128880-31
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 43.8 | 65.3 | 38.1 |
| 02:00 PM - 03:00 PM | 45.6 | 76.6 | 38.3 |
| 03:00 PM - 04:00 PM | 44.3 | 63.9 | 37.3 |
| 04:00 PM - 05:00 PM | 43.8 | 66.6 | 37.7 |
| 05:00 PM - 06:00 PM | 45.3 | 67.4 | 39.8 |
| 06:00 PM - 07:00 PM | 45.8 | 66.3 | 42.6 |
| 07:00 PM - 08:00 PM | 49.5 | 68.6 | 46.4 |
| 08:00 PM - 09:00 PM | 49.1 | 62.4 | 46.6 |
| 09:00 PM - 10:00 PM | 49.6 | 68.8 | 47.6 |
| 10:00 PM - 10:05 PM | 49.6 | 51.7 | 48.4 |
| 10:05 PM - 10:10 PM | 59.0 | 72.6 | 48.9 |
| 10:10 PM - 10:15 PM | 49.8 | 58.2 | 48.3 |
| 10:15 PM - 10:20 PM | 50.6 | 61.1 | 48.5 |
| 10:20 PM - 10:25 PM | 52.9 | 60.8 | 48.3 |
| 10:25 PM - 10:30 PM | 49.7 | 51.6 | 48.3 |
| 10:30 PM - 10:35 PM | 49.6 | 51.2 | 48.2 |
| 10:35 PM - 10:40 PM | 49.4 | 54.9 | 47.4 |
| 10:40 PM - 10:45 PM | 49.6 | 61.8 | 48.1 |
| 10:45 PM - 10:50 PM | 51.1 | 58.5 | 49.2 |
| 10:50 PM - 10:55 PM | 51.9 | 61.0 | 49.9 |
| 10:55 PM - 11:00 PM | 52.3 | 57.1 | 49.9 |
| 11:00 PM - 11:05 PM | 52.4 | 59.2 | 50.0 |
| 11:05 PM - 11:10 PM | 52.3 | 55.7 | 50.1 |
| 11:10 PM - 11:15 PM | 52.2 | 57.0 | 49.9 |
| 11:15 PM - 11:20 PM | 51.1 | 57.1 | 49.8 |
| 11:20 PM - 11:25 PM | 51.4 | 58.1 | 50.0 |
| 11:25 PM - 11:30 PM | 50.9 | 52.6 | 50.1 |
| 11:30 PM - 11:35 PM | 52.0 | 67.8 | 50.4 |
| 11:35 PM - 11:40 PM | 51.2 | 53.3 | 50.3 |
| 11:40 PM - 11:45 PM | 50.6 | 53.0 | 49.2 |
| 11:45 PM - 11:50 PM | 49.7 | 52.1 | 48.4 |
| 11:50 PM - 11:55 PM | 50.1 | 52.7 | 49.1 |
| 11:55 PM - 12:00 AM | 66.3 | 79.7 | 49.5 |
| 12:00 AM - 12:05 AM | 49.7 | 52.2 | 48.4 |
| 12:05 AM - 12:10 AM | 50.5 | 54.1 | 47.6 |
| 12:10 AM - 12:15 AM | 60.9 | 77.0 | 49.3 |
| 12:15 AM - 12:20 AM | 58.0 | 74.0 | 49.3 |
| 12:20 AM - 12:25 AM | 51.9 | 57.3 | 49.2 |
| 12:25 AM - 12:30 AM | 51.9 | 54.4 | 49.4 |
| 12:30 AM - 12:35 AM | 51.7 | 55.5 | 49.2 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854856-1



**Sample No.** 23128880-31
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:35 AM - 12:40 AM | 50.4 | 53.7 | 49.2 |
| 12:40 AM - 12:45 AM | 51.5 | 59.2 | 49.4 |
| 12:45 AM - 12:50 AM | 50.5 | 53.6 | 49.4 |
| 12:50 AM - 12:55 AM | 50.6 | 55.3 | 49.3 |
| 12:55 AM - 01:00 AM | 50.4 | 55.8 | 49.3 |
| 01:00 AM - 01:05 AM | 50.3 | 52.4 | 49.2 |
| 01:05 AM - 01:10 AM | 50.1 | 58.2 | 48.7 |
| 01:10 AM - 01:15 AM | 49.4 | 55.0 | 47.9 |
| 01:15 AM - 01:20 AM | 50.5 | 54.8 | 48.7 |
| 01:20 AM - 01:25 AM | 49.5 | 53.9 | 48.1 |
| 01:25 AM - 01:30 AM | 51.5 | 57.7 | 48.4 |
| 01:30 AM - 01:35 AM | 51.0 | 56.6 | 48.7 |
| 01:35 AM - 01:40 AM | 49.9 | 54.8 | 48.4 |
| 01:40 AM - 01:45 AM | 49.1 | 54.9 | 47.3 |
| 01:45 AM - 01:50 AM | 49.7 | 52.8 | 48.1 |
| 01:50 AM - 01:55 AM | 49.7 | 53.0 | 47.4 |
| 01:55 AM - 02:00 AM | 49.6 | 53.3 | 47.2 |
| 02:00 AM - 02:05 AM | 48.7 | 52.5 | 47.1 |
| 02:05 AM - 02:10 AM | 49.0 | 52.7 | 47.6 |
| 02:10 AM - 02:15 AM | 49.6 | 52.3 | 48.1 |
| 02:15 AM - 02:20 AM | 49.8 | 54.2 | 47.8 |
| 02:20 AM - 02:25 AM | 51.1 | 53.7 | 49.9 |
| 02:25 AM - 02:30 AM | 51.4 | 53.9 | 49.9 |
| 02:30 AM - 02:35 AM | 50.5 | 53.7 | 47.9 |
| 02:35 AM - 02:40 AM | 49.8 | 53.7 | 46.9 |
| 02:40 AM - 02:45 AM | 50.2 | 55.3 | 48.3 |
| 02:45 AM - 02:50 AM | 50.4 | 53.6 | 48.8 |
| 02:50 AM - 02:55 AM | 49.4 | 52.6 | 47.1 |
| 02:55 AM - 03:00 AM | 50.4 | 53.2 | 48.1 |
| 03:00 AM - 03:05 AM | 49.8 | 53.1 | 45.2 |
| 03:05 AM - 03:10 AM | 49.0 | 51.3 | 47.6 |
| 03:10 AM - 03:15 AM | 47.7 | 50.7 | 46.4 |
| 03:15 AM - 03:20 AM | 46.7 | 49.7 | 45.6 |
| 03:20 AM - 03:25 AM | 47.4 | 56.4 | 46.3 |
| 03:25 AM - 03:30 AM | 46.0 | 48.9 | 45.1 |
| 03:30 AM - 03:35 AM | 46.3 | 49.8 | 45.3 |
| 03:35 AM - 03:40 AM | 46.3 | 51.1 | 45.1 |
| 03:40 AM - 03:45 AM | 45.5 | 51.5 | 44.3 |
| 03:45 AM - 03:50 AM | 45.7 | 49.6 | 44.4 |
| 03:50 AM - 03:55 AM | 46.7 | 50.7 | 44.9 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854856-1



**Sample No.** 23128880-31
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 25 - 26, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:55 AM - 04:00 AM | 47.6 | 52.1 | 44.7 |
| 04:00 AM - 04:05 AM | 48.8 | 52.6 | 46.4 |
| 04:05 AM - 04:10 AM | 48.6 | 53.0 | 46.2 |
| 04:10 AM - 04:15 AM | 48.4 | 51.8 | 46.2 |
| 04:15 AM - 04:20 AM | 47.9 | 51.1 | 45.6 |
| 04:20 AM - 04:25 AM | 47.7 | 51.0 | 45.2 |
| 04:25 AM - 04:30 AM | 47.1 | 50.6 | 43.8 |
| 04:30 AM - 04:35 AM | 46.9 | 50.1 | 43.2 |
| 04:35 AM - 04:40 AM | 47.4 | 50.5 | 44.0 |
| 04:40 AM - 04:45 AM | 48.6 | 58.7 | 45.5 |
| 04:45 AM - 04:50 AM | 50.7 | 61.6 | 44.0 |
| 04:50 AM - 04:55 AM | 48.2 | 60.8 | 41.7 |
| 04:55 AM - 05:00 AM | 41.3 | 51.3 | 40.2 |
| 05:00 AM - 05:05 AM | 43.5 | 59.4 | 40.9 |
| 05:05 AM - 05:10 AM | 42.1 | 50.6 | 41.2 |
| 05:10 AM - 05:15 AM | 46.1 | 57.8 | 41.0 |
| 05:15 AM - 05:20 AM | 45.0 | 56.6 | 41.8 |
| 05:20 AM - 05:25 AM | 44.2 | 55.9 | 42.1 |
| 05:25 AM - 05:30 AM | 45.8 | 56.8 | 42.1 |
| 05:30 AM - 05:35 AM | 48.5 | 58.4 | 42.3 |
| 05:35 AM - 05:40 AM | 51.4 | 59.7 | 41.8 |
| 05:40 AM - 05:45 AM | 49.6 | 61.9 | 41.9 |
| 05:45 AM - 05:50 AM | 47.9 | 59.8 | 42.5 |
| 05:50 AM - 05:55 AM | 44.4 | 59.1 | 41.7 |
| 05:55 AM - 06:00 AM | 47.1 | 59.5 | 42.0 |
| 06:00 AM - 07:00 AM | 47.9 | 73.6 | 42.1 |
| 07:00 AM - 08:00 AM | 46.3 | 64.7 | 40.3 |
| 08:00 AM - 09:00 AM | 46.0 | 64.8 | 40.1 |
| 09:00 AM - 10:00 AM | 44.7 | 66.8 | 39.3 |
| 10:00 AM - 11:00 AM | 45.0 | 65.1 | 39.7 |
| 11:00 AM - 12:00 PM | 46.0 | 71.6 | 39.4 |
| 12:00 PM - 01:00 PM | 45.4 | 69.0 | 38.2 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854857-1



**Sample No.** 23128880-32
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 44.8 | 69.0 | 39.3 |
| 02:00 PM - 03:00 PM | 45.9 | 77.0 | 39.2 |
| 03:00 PM - 04:00 PM | 43.5 | 64.4 | 37.9 |
| 04:00 PM - 05:00 PM | 48.7 | 69.7 | 39.6 |
| 05:00 PM - 06:00 PM | 47.8 | 74.2 | 38.7 |
| 06:00 PM - 07:00 PM | 47.9 | 70.8 | 43.8 |
| 07:00 PM - 08:00 PM | 51.7 | 62.2 | 48.6 |
| 08:00 PM - 09:00 PM | 53.6 | 61.5 | 50.7 |
| 09:00 PM - 10:00 PM | 51.7 | 72.3 | 48.3 |
| 10:00 PM - 10:05 PM | 50.5 | 52.9 | 48.3 |
| 10:05 PM - 10:10 PM | 50.9 | 66.4 | 47.7 |
| 10:10 PM - 10:15 PM | 51.9 | 62.3 | 47.4 |
| 10:15 PM - 10:20 PM | 51.7 | 60.6 | 46.4 |
| 10:20 PM - 10:25 PM | 42.6 | 49.2 | 39.9 |
| 10:25 PM - 10:30 PM | 44.5 | 48.6 | 43.0 |
| 10:30 PM - 10:35 PM | 46.7 | 50.5 | 45.3 |
| 10:35 PM - 10:40 PM | 45.8 | 52.4 | 44.2 |
| 10:40 PM - 10:45 PM | 46.5 | 58.3 | 44.0 |
| 10:45 PM - 10:50 PM | 48.6 | 58.9 | 40.2 |
| 10:50 PM - 10:55 PM | 56.6 | 63.1 | 45.7 |
| 10:55 PM - 11:00 PM | 57.1 | 64.8 | 49.8 |
| 11:00 PM - 11:05 PM | 53.1 | 61.6 | 39.7 |
| 11:05 PM - 11:10 PM | 39.8 | 44.7 | 38.5 |
| 11:10 PM - 11:15 PM | 42.5 | 57.5 | 40.4 |
| 11:15 PM - 11:20 PM | 43.8 | 51.6 | 42.8 |
| 11:20 PM - 11:25 PM | 45.0 | 58.3 | 43.4 |
| 11:25 PM - 11:30 PM | 45.3 | 51.0 | 44.4 |
| 11:30 PM - 11:35 PM | 45.1 | 47.4 | 44.3 |
| 11:35 PM - 11:40 PM | 45.6 | 57.2 | 43.8 |
| 11:40 PM - 11:45 PM | 44.0 | 47.3 | 43.0 |
| 11:45 PM - 11:50 PM | 44.7 | 50.9 | 42.7 |
| 11:50 PM - 11:55 PM | 45.5 | 49.1 | 44.3 |
| 11:55 PM - 12:00 AM | 45.3 | 48.7 | 44.1 |
| 12:00 AM - 12:05 AM | 46.0 | 51.4 | 44.8 |
| 12:05 AM - 12:10 AM | 45.3 | 48.9 | 44.3 |
| 12:10 AM - 12:15 AM | 45.5 | 52.5 | 44.5 |
| 12:15 AM - 12:20 AM | 45.6 | 50.3 | 44.4 |
| 12:20 AM - 12:25 AM | 45.0 | 48.4 | 43.9 |
| 12:25 AM - 12:30 AM | 45.4 | 49.8 | 43.8 |
| 12:30 AM - 12:35 AM | 43.8 | 52.7 | 42.2 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854857-1



**Sample No.** 23128880-32
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:35 AM - 12:40 AM | 45.6 | 50.3 | 43.4 |
| 12:40 AM - 12:45 AM | 47.1 | 50.5 | 45.2 |
| 12:45 AM - 12:50 AM | 47.8 | 51.4 | 45.9 |
| 12:50 AM - 12:55 AM | 47.0 | 51.2 | 44.7 |
| 12:55 AM - 01:00 AM | 45.9 | 53.1 | 44.3 |
| 01:00 AM - 01:05 AM | 45.5 | 60.0 | 43.8 |
| 01:05 AM - 01:10 AM | 44.6 | 51.1 | 43.3 |
| 01:10 AM - 01:15 AM | 45.2 | 47.9 | 43.9 |
| 01:15 AM - 01:20 AM | 45.3 | 53.5 | 43.9 |
| 01:20 AM - 01:25 AM | 45.5 | 54.7 | 44.1 |
| 01:25 AM - 01:30 AM | 46.7 | 55.7 | 44.7 |
| 01:30 AM - 01:35 AM | 46.4 | 60.1 | 44.1 |
| 01:35 AM - 01:40 AM | 45.2 | 48.5 | 43.9 |
| 01:40 AM - 01:45 AM | 47.1 | 52.9 | 43.9 |
| 01:45 AM - 01:50 AM | 47.7 | 49.5 | 46.2 |
| 01:50 AM - 01:55 AM | 48.2 | 51.2 | 47.0 |
| 01:55 AM - 02:00 AM | 46.5 | 50.5 | 44.7 |
| 02:00 AM - 02:05 AM | 47.3 | 54.5 | 45.6 |
| 02:05 AM - 02:10 AM | 46.7 | 49.6 | 44.9 |
| 02:10 AM - 02:15 AM | 47.5 | 56.9 | 44.6 |
| 02:15 AM - 02:20 AM | 47.9 | 51.0 | 45.7 |
| 02:20 AM - 02:25 AM | 46.7 | 51.4 | 43.0 |
| 02:25 AM - 02:30 AM | 47.0 | 49.8 | 44.6 |
| 02:30 AM - 02:35 AM | 46.9 | 52.0 | 43.6 |
| 02:35 AM - 02:40 AM | 45.9 | 50.6 | 43.2 |
| 02:40 AM - 02:45 AM | 47.7 | 53.6 | 44.1 |
| 02:45 AM - 02:50 AM | 42.3 | 52.4 | 41.0 |
| 02:50 AM - 02:55 AM | 43.4 | 47.3 | 41.4 |
| 02:55 AM - 03:00 AM | 44.1 | 47.9 | 42.1 |
| 03:00 AM - 03:05 AM | 44.5 | 49.0 | 42.5 |
| 03:05 AM - 03:10 AM | 44.2 | 54.3 | 42.0 |
| 03:10 AM - 03:15 AM | 44.0 | 46.7 | 41.9 |
| 03:15 AM - 03:20 AM | 43.2 | 46.2 | 41.1 |
| 03:20 AM - 03:25 AM | 43.5 | 46.3 | 41.4 |
| 03:25 AM - 03:30 AM | 43.0 | 53.3 | 41.0 |
| 03:30 AM - 03:35 AM | 42.2 | 46.9 | 40.6 |
| 03:35 AM - 03:40 AM | 43.5 | 47.2 | 41.1 |
| 03:40 AM - 03:45 AM | 44.1 | 48.6 | 41.6 |
| 03:45 AM - 03:50 AM | 44.5 | 49.4 | 41.5 |
| 03:50 AM - 03:55 AM | 45.6 | 53.7 | 42.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854857-1



**Sample No.** 23128880-32
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 26 - 27, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:55 AM - 04:00 AM | 46.1 | 50.1 | 43.6 |
| 04:00 AM - 04:05 AM | 46.0 | 49.9 | 43.3 |
| 04:05 AM - 04:10 AM | 45.7 | 51.0 | 42.6 |
| 04:10 AM - 04:15 AM | 44.8 | 49.5 | 41.9 |
| 04:15 AM - 04:20 AM | 44.3 | 57.7 | 41.6 |
| 04:20 AM - 04:25 AM | 44.6 | 48.4 | 41.5 |
| 04:25 AM - 04:30 AM | 45.0 | 48.5 | 41.8 |
| 04:30 AM - 04:35 AM | 44.8 | 48.4 | 41.4 |
| 04:35 AM - 04:40 AM | 45.2 | 48.6 | 41.8 |
| 04:40 AM - 04:45 AM | 44.4 | 49.7 | 41.4 |
| 04:45 AM - 04:50 AM | 46.8 | 61.1 | 42.0 |
| 04:50 AM - 04:55 AM | 44.7 | 58.8 | 41.6 |
| 04:55 AM - 05:00 AM | 44.3 | 47.6 | 41.9 |
| 05:00 AM - 05:05 AM | 45.1 | 47.8 | 42.9 |
| 05:05 AM - 05:10 AM | 44.1 | 48.6 | 41.4 |
| 05:10 AM - 05:15 AM | 53.6 | 80.2 | 41.8 |
| 05:15 AM - 05:20 AM | 43.8 | 49.6 | 41.3 |
| 05:20 AM - 05:25 AM | 44.8 | 49.3 | 42.2 |
| 05:25 AM - 05:30 AM | 44.9 | 51.4 | 42.2 |
| 05:30 AM - 05:35 AM | 45.2 | 56.0 | 43.0 |
| 05:35 AM - 05:40 AM | 45.9 | 53.1 | 43.8 |
| 05:40 AM - 05:45 AM | 46.2 | 69.3 | 43.9 |
| 05:45 AM - 05:50 AM | 49.7 | 60.7 | 45.3 |
| 05:50 AM - 05:55 AM | 50.8 | 61.1 | 45.6 |
| 05:55 AM - 06:00 AM | 48.6 | 61.7 | 46.1 |
| 06:00 AM - 07:00 AM | 49.2 | 72.7 | 45.2 |
| 07:00 AM - 08:00 AM | 53.5 | 75.4 | 45.0 |
| 08:00 AM - 09:00 AM | 52.6 | 75.7 | 44.7 |
| 09:00 AM - 10:00 AM | 45.3 | 69.2 | 40.7 |
| 10:00 AM - 11:00 AM | 45.1 | 62.4 | 41.3 |
| 11:00 AM - 12:00 PM | 44.0 | 69.1 | 39.9 |
| 12:00 PM - 01:00 PM | 53.8 | 76.0 | 44.0 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854858-1



**Sample No.** 23128880-33
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 48.1 | 73.3 | 40.9 |
| 02:00 PM - 03:00 PM | 49.1 | 79.2 | 41.1 |
| 03:00 PM - 04:00 PM | 55.0 | 79.3 | 44.9 |
| 04:00 PM - 05:00 PM | 50.4 | 77.3 | 41.7 |
| 05:00 PM - 06:00 PM | 47.2 | 73.9 | 40.6 |
| 06:00 PM - 07:00 PM | 51.9 | 74.5 | 47.5 |
| 07:00 PM - 08:00 PM | 58.5 | 76.4 | 53.1 |
| 08:00 PM - 09:00 PM | 54.4 | 68.8 | 52.4 |
| 09:00 PM - 10:00 PM | 55.3 | 76.2 | 50.3 |
| 10:00 PM - 10:05 PM | 50.9 | 55.7 | 47.7 |
| 10:05 PM - 10:10 PM | 52.4 | 54.5 | 50.5 |
| 10:10 PM - 10:15 PM | 53.7 | 71.5 | 49.3 |
| 10:15 PM - 10:20 PM | 51.3 | 55.0 | 48.7 |
| 10:20 PM - 10:25 PM | 52.0 | 54.4 | 49.6 |
| 10:25 PM - 10:30 PM | 52.4 | 54.9 | 50.3 |
| 10:30 PM - 10:35 PM | 52.5 | 54.7 | 50.4 |
| 10:35 PM - 10:40 PM | 52.2 | 56.2 | 49.8 |
| 10:40 PM - 10:45 PM | 50.9 | 53.1 | 49.5 |
| 10:45 PM - 10:50 PM | 51.0 | 55.7 | 49.7 |
| 10:50 PM - 10:55 PM | 50.9 | 59.2 | 49.5 |
| 10:55 PM - 11:00 PM | 52.1 | 68.6 | 49.4 |
| 11:00 PM - 11:05 PM | 49.9 | 53.1 | 48.6 |
| 11:05 PM - 11:10 PM | 50.4 | 54.9 | 49.1 |
| 11:10 PM - 11:15 PM | 50.1 | 53.4 | 48.8 |
| 11:15 PM - 11:20 PM | 50.6 | 55.6 | 49.0 |
| 11:20 PM - 11:25 PM | 51.2 | 58.3 | 49.7 |
| 11:25 PM - 11:30 PM | 50.7 | 54.9 | 49.6 |
| 11:30 PM - 11:35 PM | 50.7 | 52.8 | 49.5 |
| 11:35 PM - 11:40 PM | 50.3 | 52.9 | 49.0 |
| 11:40 PM - 11:45 PM | 50.1 | 52.2 | 48.5 |
| 11:45 PM - 11:50 PM | 49.9 | 51.9 | 48.7 |
| 11:50 PM - 11:55 PM | 49.9 | 52.2 | 48.5 |
| 11:55 PM - 12:00 AM | 50.1 | 52.3 | 48.7 |
| 12:00 AM - 12:05 AM | 50.0 | 52.4 | 48.7 |
| 12:05 AM - 12:10 AM | 49.5 | 52.8 | 48.1 |
| 12:10 AM - 12:15 AM | 48.1 | 51.7 | 45.4 |
| 12:15 AM - 12:20 AM | 48.6 | 51.7 | 46.0 |
| 12:20 AM - 12:25 AM | 49.2 | 52.0 | 46.9 |
| 12:25 AM - 12:30 AM | 49.1 | 51.9 | 47.2 |
| 12:30 AM - 12:35 AM | 48.8 | 58.9 | 45.9 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854858-1



**Sample No.** 23128880-33
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:35 AM - 12:40 AM | 48.8 | 51.8 | 46.1 |
| 12:40 AM - 12:45 AM | 48.9 | 53.8 | 46.9 |
| 12:45 AM - 12:50 AM | 49.2 | 55.1 | 47.1 |
| 12:50 AM - 12:55 AM | 48.7 | 57.4 | 45.7 |
| 12:55 AM - 01:00 AM | 49.4 | 56.6 | 47.3 |
| 01:00 AM - 01:05 AM | 49.6 | 53.8 | 47.7 |
| 01:05 AM - 01:10 AM | 49.5 | 52.9 | 47.7 |
| 01:10 AM - 01:15 AM | 49.5 | 52.4 | 47.5 |
| 01:15 AM - 01:20 AM | 47.8 | 51.6 | 45.2 |
| 01:20 AM - 01:25 AM | 48.4 | 51.8 | 46.0 |
| 01:25 AM - 01:30 AM | 47.7 | 52.1 | 44.8 |
| 01:30 AM - 01:35 AM | 48.1 | 59.3 | 45.4 |
| 01:35 AM - 01:40 AM | 49.6 | 52.9 | 47.6 |
| 01:40 AM - 01:45 AM | 49.4 | 52.4 | 47.5 |
| 01:45 AM - 01:50 AM | 50.4 | 53.6 | 48.6 |
| 01:50 AM - 01:55 AM | 50.4 | 53.3 | 48.5 |
| 01:55 AM - 02:00 AM | 50.5 | 54.9 | 48.6 |
| 02:00 AM - 02:05 AM | 50.0 | 55.6 | 47.4 |
| 02:05 AM - 02:10 AM | 50.3 | 56.9 | 47.9 |
| 02:10 AM - 02:15 AM | 50.4 | 53.8 | 48.3 |
| 02:15 AM - 02:20 AM | 51.3 | 61.3 | 47.7 |
| 02:20 AM - 02:25 AM | 55.1 | 61.9 | 48.4 |
| 02:25 AM - 02:30 AM | 52.5 | 61.7 | 46.4 |
| 02:30 AM - 02:35 AM | 51.6 | 59.1 | 46.7 |
| 02:35 AM - 02:40 AM | 50.1 | 54.7 | 46.3 |
| 02:40 AM - 02:45 AM | 50.8 | 55.7 | 46.8 |
| 02:45 AM - 02:50 AM | 61.6 | 75.9 | 45.2 |
| 02:50 AM - 02:55 AM | 47.1 | 53.4 | 44.0 |
| 02:55 AM - 03:00 AM | 46.5 | 58.1 | 43.6 |
| 03:00 AM - 03:05 AM | 47.1 | 51.9 | 43.7 |
| 03:05 AM - 03:10 AM | 47.7 | 55.4 | 43.4 |
| 03:10 AM - 03:15 AM | 48.0 | 64.4 | 41.5 |
| 03:15 AM - 03:20 AM | 46.7 | 52.9 | 41.6 |
| 03:20 AM - 03:25 AM | 47.1 | 53.1 | 42.7 |
| 03:25 AM - 03:30 AM | 46.9 | 52.3 | 42.6 |
| 03:30 AM - 03:35 AM | 46.7 | 51.2 | 42.2 |
| 03:35 AM - 03:40 AM | 46.8 | 52.7 | 42.1 |
| 03:40 AM - 03:45 AM | 44.5 | 50.1 | 40.6 |
| 03:45 AM - 03:50 AM | 52.4 | 71.8 | 40.9 |
| 03:50 AM - 03:55 AM | 44.0 | 61.5 | 40.5 |

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854858-1



**Sample No.** 23128880-33
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 27 - 28, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:55 AM - 04:00 AM | 45.5 | 51.0 | 41.8 |
| 04:00 AM - 04:05 AM | 46.5 | 52.7 | 41.7 |
| 04:05 AM - 04:10 AM | 44.2 | 62.0 | 39.9 |
| 04:10 AM - 04:15 AM | 41.9 | 48.4 | 40.5 |
| 04:15 AM - 04:20 AM | 42.4 | 48.6 | 40.9 |
| 04:20 AM - 04:25 AM | 43.7 | 50.2 | 41.0 |
| 04:25 AM - 04:30 AM | 43.3 | 49.2 | 41.1 |
| 04:30 AM - 04:35 AM | 48.2 | 69.0 | 41.7 |
| 04:35 AM - 04:40 AM | 43.7 | 50.5 | 41.5 |
| 04:40 AM - 04:45 AM | 43.6 | 49.6 | 41.7 |
| 04:45 AM - 04:50 AM | 53.9 | 72.2 | 42.8 |
| 04:50 AM - 04:55 AM | 47.0 | 65.1 | 43.2 |
| 04:55 AM - 05:00 AM | 45.8 | 54.4 | 42.4 |
| 05:00 AM - 05:05 AM | 45.5 | 52.4 | 42.5 |
| 05:05 AM - 05:10 AM | 49.3 | 62.5 | 43.3 |
| 05:10 AM - 05:15 AM | 62.5 | 85.9 | 44.7 |
| 05:15 AM - 05:20 AM | 59.3 | 73.5 | 43.7 |
| 05:20 AM - 05:25 AM | 44.8 | 51.5 | 41.6 |
| 05:25 AM - 05:30 AM | 51.6 | 72.7 | 42.8 |
| 05:30 AM - 05:35 AM | 47.5 | 61.8 | 43.2 |
| 05:35 AM - 05:40 AM | 47.6 | 60.1 | 43.6 |
| 05:40 AM - 05:45 AM | 58.2 | 82.8 | 44.2 |
| 05:45 AM - 05:50 AM | 48.3 | 61.9 | 44.0 |
| 05:50 AM - 05:55 AM | 51.6 | 69.7 | 44.9 |
| 05:55 AM - 06:00 AM | 49.7 | 62.9 | 43.5 |
| 06:00 AM - 07:00 AM | 49.2 | 71.6 | 43.6 |
| 07:00 AM - 08:00 AM | 55.6 | 77.7 | 47.3 |
| 08:00 AM - 09:00 AM | 51.5 | 74.8 | 42.3 |
| 09:00 AM - 10:00 AM | 46.1 | 68.6 | 39.3 |
| 10:00 AM - 11:00 AM | 45.9 | 67.0 | 40.5 |
| 11:00 AM - 12:00 PM | 49.3 | 69.5 | 40.3 |
| 12:00 PM - 01:00 PM | 59.5 | 85.9 | 48.4 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854859-1



**Sample No.** 23128880-34
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 52.3 | 76.5 | 42.1 |
| 02:00 PM - 03:00 PM | 52.5 | 74.7 | 43.2 |
| 03:00 PM - 04:00 PM | 58.3 | 80.1 | 46.2 |
| 04:00 PM - 05:00 PM | 55.7 | 79.4 | 45.1 |
| 05:00 PM - 06:00 PM | 47.4 | 65.6 | 41.2 |
| 06:00 PM - 07:00 PM | 48.0 | 71.6 | 42.2 |
| 07:00 PM - 08:00 PM | 49.3 | 70.2 | 47.0 |
| 08:00 PM - 09:00 PM | 50.3 | 76.6 | 46.5 |
| 09:00 PM - 10:00 PM | 46.8 | 65.6 | 45.0 |
| 10:00 PM - 10:05 PM | 45.8 | 51.0 | 44.3 |
| 10:05 PM - 10:10 PM | 45.9 | 53.8 | 44.3 |
| 10:10 PM - 10:15 PM | 45.2 | 51.6 | 43.5 |
| 10:15 PM - 10:20 PM | 45.5 | 51.6 | 43.8 |
| 10:20 PM - 10:25 PM | 46.3 | 50.7 | 44.4 |
| 10:25 PM - 10:30 PM | 47.3 | 59.0 | 44.8 |
| 10:30 PM - 10:35 PM | 46.8 | 52.8 | 44.5 |
| 10:35 PM - 10:40 PM | 63.3 | 81.8 | 44.0 |
| 10:40 PM - 10:45 PM | 52.8 | 68.9 | 44.5 |
| 10:45 PM - 10:50 PM | 45.7 | 58.6 | 43.7 |
| 10:50 PM - 10:55 PM | 48.6 | 71.6 | 43.1 |
| 10:55 PM - 11:00 PM | 45.4 | 54.4 | 44.0 |
| 11:00 PM - 11:05 PM | 44.5 | 49.9 | 43.7 |
| 11:05 PM - 11:10 PM | 45.7 | 59.3 | 43.8 |
| 11:10 PM - 11:15 PM | 45.4 | 55.6 | 43.9 |
| 11:15 PM - 11:20 PM | 47.9 | 60.2 | 45.0 |
| 11:20 PM - 11:25 PM | 46.7 | 55.1 | 45.3 |
| 11:25 PM - 11:30 PM | 46.0 | 56.0 | 45.2 |
| 11:30 PM - 11:35 PM | 47.5 | 65.2 | 44.5 |
| 11:35 PM - 11:40 PM | 45.5 | 55.4 | 44.6 |
| 11:40 PM - 11:45 PM | 47.2 | 54.5 | 45.6 |
| 11:45 PM - 11:50 PM | 46.8 | 49.5 | 45.8 |
| 11:50 PM - 11:55 PM | 47.1 | 49.1 | 46.0 |
| 11:55 PM - 12:00 AM | 46.6 | 48.6 | 45.6 |
| 12:00 AM - 12:05 AM | 45.7 | 55.6 | 43.7 |
| 12:05 AM - 12:10 AM | 45.7 | 53.7 | 44.1 |
| 12:10 AM - 12:15 AM | 47.2 | 59.0 | 44.7 |
| 12:15 AM - 12:20 AM | 44.8 | 47.9 | 43.9 |
| 12:20 AM - 12:25 AM | 44.9 | 49.9 | 43.9 |
| 12:25 AM - 12:30 AM | 43.2 | 56.9 | 40.7 |
| 12:30 AM - 12:35 AM | 43.2 | 60.2 | 40.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854859-1



**Sample No.** 23128880-34
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:35 AM - 12:40 AM | 42.7 | 49.7 | 41.3 |
| 12:40 AM - 12:45 AM | 43.0 | 49.8 | 41.6 |
| 12:45 AM - 12:50 AM | 42.7 | 45.0 | 41.8 |
| 12:50 AM - 12:55 AM | 42.7 | 46.3 | 41.3 |
| 12:55 AM - 01:00 AM | 46.0 | 58.3 | 41.9 |
| 01:00 AM - 01:05 AM | 42.4 | 45.7 | 41.0 |
| 01:05 AM - 01:10 AM | 42.5 | 45.6 | 41.0 |
| 01:10 AM - 01:15 AM | 42.3 | 46.0 | 40.6 |
| 01:15 AM - 01:20 AM | 41.2 | 44.5 | 40.1 |
| 01:20 AM - 01:25 AM | 42.4 | 45.7 | 40.6 |
| 01:25 AM - 01:30 AM | 43.3 | 53.1 | 41.8 |
| 01:30 AM - 01:35 AM | 42.9 | 45.8 | 41.7 |
| 01:35 AM - 01:40 AM | 42.9 | 51.0 | 41.9 |
| 01:40 AM - 01:45 AM | 43.1 | 50.5 | 42.2 |
| 01:45 AM - 01:50 AM | 43.3 | 53.7 | 42.4 |
| 01:50 AM - 01:55 AM | 43.0 | 48.5 | 41.9 |
| 01:55 AM - 02:00 AM | 43.6 | 45.8 | 43.0 |
| 02:00 AM - 02:05 AM | 44.0 | 58.2 | 42.4 |
| 02:05 AM - 02:10 AM | 43.2 | 56.8 | 40.8 |
| 02:10 AM - 02:15 AM | 42.2 | 52.4 | 41.1 |
| 02:15 AM - 02:20 AM | 41.7 | 44.6 | 40.3 |
| 02:20 AM - 02:25 AM | 41.7 | 53.0 | 40.4 |
| 02:25 AM - 02:30 AM | 44.0 | 62.3 | 40.1 |
| 02:30 AM - 02:35 AM | 42.1 | 47.9 | 40.5 |
| 02:35 AM - 02:40 AM | 41.5 | 50.1 | 40.6 |
| 02:40 AM - 02:45 AM | 40.9 | 45.1 | 40.2 |
| 02:45 AM - 02:50 AM | 40.9 | 45.4 | 39.7 |
| 02:50 AM - 02:55 AM | 45.9 | 57.3 | 41.0 |
| 02:55 AM - 03:00 AM | 42.6 | 56.8 | 39.9 |
| 03:00 AM - 03:05 AM | 40.6 | 44.1 | 39.6 |
| 03:05 AM - 03:10 AM | 42.7 | 56.7 | 39.9 |
| 03:10 AM - 03:15 AM | 40.7 | 46.4 | 39.2 |
| 03:15 AM - 03:20 AM | 41.6 | 56.9 | 39.5 |
| 03:20 AM - 03:25 AM | 40.7 | 46.9 | 39.4 |
| 03:25 AM - 03:30 AM | 41.4 | 48.4 | 39.4 |
| 03:30 AM - 03:35 AM | 41.3 | 47.1 | 39.3 |
| 03:35 AM - 03:40 AM | 40.4 | 53.0 | 39.0 |
| 03:40 AM - 03:45 AM | 40.5 | 44.7 | 39.5 |
| 03:45 AM - 03:50 AM | 40.5 | 43.6 | 39.4 |
| 03:50 AM - 03:55 AM | 40.5 | 45.5 | 39.6 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854859-1



**Sample No.** 23128880-34
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 28 - 29, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:55 AM - 04:00 AM | 40.5 | 42.6 | 39.8 |
| 04:00 AM - 04:05 AM | 40.7 | 44.6 | 39.9 |
| 04:05 AM - 04:10 AM | 41.8 | 52.8 | 39.8 |
| 04:10 AM - 04:15 AM | 41.6 | 59.3 | 39.3 |
| 04:15 AM - 04:20 AM | 40.0 | 44.3 | 38.9 |
| 04:20 AM - 04:25 AM | 41.0 | 49.7 | 39.3 |
| 04:25 AM - 04:30 AM | 42.2 | 58.6 | 39.1 |
| 04:30 AM - 04:35 AM | 42.2 | 57.7 | 38.9 |
| 04:35 AM - 04:40 AM | 39.9 | 44.6 | 39.1 |
| 04:40 AM - 04:45 AM | 43.0 | 58.2 | 39.3 |
| 04:45 AM - 04:50 AM | 42.0 | 57.3 | 38.6 |
| 04:50 AM - 04:55 AM | 40.9 | 57.3 | 39.0 |
| 04:55 AM - 05:00 AM | 42.0 | 57.2 | 39.7 |
| 05:00 AM - 05:05 AM | 42.0 | 55.9 | 39.6 |
| 05:05 AM - 05:10 AM | 42.6 | 57.9 | 39.6 |
| 05:10 AM - 05:15 AM | 42.0 | 56.7 | 39.5 |
| 05:15 AM - 05:20 AM | 44.5 | 57.2 | 39.3 |
| 05:20 AM - 05:25 AM | 40.7 | 52.6 | 39.1 |
| 05:25 AM - 05:30 AM | 40.1 | 48.7 | 39.1 |
| 05:30 AM - 05:35 AM | 41.3 | 52.3 | 39.2 |
| 05:35 AM - 05:40 AM | 42.1 | 53.9 | 39.7 |
| 05:40 AM - 05:45 AM | 41.5 | 53.6 | 39.6 |
| 05:45 AM - 05:50 AM | 44.0 | 53.9 | 40.6 |
| 05:50 AM - 05:55 AM | 45.6 | 53.1 | 42.5 |
| 05:55 AM - 06:00 AM | 52.5 | 70.2 | 43.4 |
| 06:00 AM - 07:00 AM | 46.7 | 71.3 | 41.2 |
| 07:00 AM - 08:00 AM | 56.9 | 79.2 | 47.2 |
| 08:00 AM - 09:00 AM | 53.1 | 77.2 | 42.6 |
| 09:00 AM - 10:00 AM | 47.2 | 79.5 | 39.3 |
| 10:00 AM - 11:00 AM | 46.4 | 66.5 | 40.1 |
| 11:00 AM - 12:00 PM | 46.2 | 69.2 | 40.1 |
| 12:00 PM - 01:00 PM | 48.8 | 71.8 | 40.8 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854860-1



**Sample No.** 23128880-35
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 01:00 PM - 02:00 PM | 47.8 | 69.9 | 41.0 |
| 02:00 PM - 03:00 PM | 49.7 | 71.3 | 42.3 |
| 03:00 PM - 04:00 PM | 47.3 | 66.1 | 41.5 |
| 04:00 PM - 05:00 PM | 48.0 | 70.0 | 40.2 |
| 05:00 PM - 06:00 PM | 48.4 | 72.7 | 41.7 |
| 06:00 PM - 07:00 PM | 51.1 | 71.8 | 46.4 |
| 07:00 PM - 08:00 PM | 51.7 | 63.0 | 49.3 |
| 08:00 PM - 09:00 PM | 53.7 | 75.2 | 50.7 |
| 09:00 PM - 10:00 PM | 57.0 | 78.1 | 51.3 |
| 10:00 PM - 10:05 PM | 52.0 | 54.4 | 50.5 |
| 10:05 PM - 10:10 PM | 51.8 | 54.4 | 50.3 |
| 10:10 PM - 10:15 PM | 51.2 | 59.5 | 49.6 |
| 10:15 PM - 10:20 PM | 49.9 | 59.3 | 48.3 |
| 10:20 PM - 10:25 PM | 49.8 | 52.2 | 48.4 |
| 10:25 PM - 10:30 PM | 67.6 | 82.2 | 48.9 |
| 10:30 PM - 10:35 PM | 50.4 | 61.3 | 48.8 |
| 10:35 PM - 10:40 PM | 52.2 | 70.1 | 49.6 |
| 10:40 PM - 10:45 PM | 51.0 | 55.8 | 49.1 |
| 10:45 PM - 10:50 PM | 52.9 | 69.3 | 50.2 |
| 10:50 PM - 10:55 PM | 51.9 | 56.2 | 50.4 |
| 10:55 PM - 11:00 PM | 52.6 | 56.4 | 51.5 |
| 11:00 PM - 11:05 PM | 52.6 | 61.6 | 51.4 |
| 11:05 PM - 11:10 PM | 51.4 | 54.3 | 49.1 |
| 11:10 PM - 11:15 PM | 51.2 | 63.9 | 49.4 |
| 11:15 PM - 11:20 PM | 49.7 | 54.8 | 46.7 |
| 11:20 PM - 11:25 PM | 52.8 | 63.6 | 49.8 |
| 11:25 PM - 11:30 PM | 52.1 | 55.4 | 50.2 |
| 11:30 PM - 11:35 PM | 51.9 | 58.0 | 50.1 |
| 11:35 PM - 11:40 PM | 52.2 | 56.1 | 50.3 |
| 11:40 PM - 11:45 PM | 53.4 | 61.1 | 50.6 |
| 11:45 PM - 11:50 PM | 53.1 | 63.1 | 50.7 |
| 11:50 PM - 11:55 PM | 52.6 | 61.1 | 50.5 |
| 11:55 PM - 12:00 AM | 50.3 | 56.8 | 47.1 |
| 12:00 AM - 12:05 AM | 51.3 | 53.9 | 48.9 |
| 12:05 AM - 12:10 AM | 50.6 | 53.8 | 47.5 |
| 12:10 AM - 12:15 AM | 50.3 | 58.0 | 47.3 |
| 12:15 AM - 12:20 AM | 50.4 | 53.2 | 47.5 |
| 12:20 AM - 12:25 AM | 49.6 | 56.6 | 47.4 |
| 12:25 AM - 12:30 AM | 50.5 | 53.4 | 47.7 |
| 12:30 AM - 12:35 AM | 51.1 | 53.8 | 48.4 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS

TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854860-1



**Sample No.** 23128880-35
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 12:35 AM - 12:40 AM | 50.9 | 54.6 | 48.3 |
| 12:40 AM - 12:45 AM | 49.0 | 57.3 | 47.3 |
| 12:45 AM - 12:50 AM | 48.1 | 52.1 | 46.9 |
| 12:50 AM - 12:55 AM | 49.1 | 53.2 | 47.3 |
| 12:55 AM - 01:00 AM | 49.9 | 53.5 | 48.1 |
| 01:00 AM - 01:05 AM | 49.7 | 54.2 | 47.1 |
| 01:05 AM - 01:10 AM | 49.1 | 56.1 | 46.8 |
| 01:10 AM - 01:15 AM | 49.1 | 51.9 | 47.1 |
| 01:15 AM - 01:20 AM | 49.3 | 53.5 | 46.9 |
| 01:20 AM - 01:25 AM | 49.1 | 51.8 | 46.7 |
| 01:25 AM - 01:30 AM | 49.8 | 53.3 | 47.6 |
| 01:30 AM - 01:35 AM | 49.4 | 52.3 | 47.3 |
| 01:35 AM - 01:40 AM | 47.7 | 53.7 | 45.8 |
| 01:40 AM - 01:45 AM | 48.8 | 56.1 | 47.0 |
| 01:45 AM - 01:50 AM | 48.8 | 51.5 | 47.4 |
| 01:50 AM - 01:55 AM | 49.5 | 52.4 | 48.2 |
| 01:55 AM - 02:00 AM | 50.7 | 62.7 | 48.1 |
| 02:00 AM - 02:05 AM | 50.4 | 61.4 | 48.0 |
| 02:05 AM - 02:10 AM | 49.3 | 60.0 | 47.7 |
| 02:10 AM - 02:15 AM | 49.8 | 52.6 | 48.0 |
| 02:15 AM - 02:20 AM | 49.6 | 53.3 | 47.8 |
| 02:20 AM - 02:25 AM | 48.7 | 55.2 | 46.9 |
| 02:25 AM - 02:30 AM | 48.8 | 52.1 | 47.4 |
| 02:30 AM - 02:35 AM | 48.8 | 52.8 | 47.5 |
| 02:35 AM - 02:40 AM | 49.1 | 52.8 | 47.3 |
| 02:40 AM - 02:45 AM | 49.0 | 57.1 | 47.1 |
| 02:45 AM - 02:50 AM | 48.7 | 52.1 | 46.9 |
| 02:50 AM - 02:55 AM | 49.2 | 56.2 | 47.6 |
| 02:55 AM - 03:00 AM | 48.6 | 52.0 | 46.9 |
| 03:00 AM - 03:05 AM | 47.3 | 51.0 | 45.7 |
| 03:05 AM - 03:10 AM | 47.8 | 50.9 | 46.3 |
| 03:10 AM - 03:15 AM | 48.0 | 54.0 | 46.4 |
| 03:15 AM - 03:20 AM | 49.1 | 52.8 | 46.8 |
| 03:20 AM - 03:25 AM | 49.2 | 52.9 | 47.0 |
| 03:25 AM - 03:30 AM | 49.3 | 52.5 | 47.2 |
| 03:30 AM - 03:35 AM | 49.7 | 54.3 | 47.6 |
| 03:35 AM - 03:40 AM | 48.6 | 53.7 | 45.9 |
| 03:40 AM - 03:45 AM | 47.5 | 51.2 | 45.9 |
| 03:45 AM - 03:50 AM | 46.7 | 51.1 | 45.2 |
| 03:50 AM - 03:55 AM | 45.7 | 49.6 | 44.0 |

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**Approved by**

Wilawan Borirak
Manager

# Analysis / Test Report

LABORATORY ACCREDITATION BLA-DSS
TESTING No.0042

**Client** : Rojana Industrial Park Public Co., Ltd.
3/7 Moo 2, Rojana Industrial Park (Rayong), Banbung-Bankhai Rd., Nongbua, Bankhai, Rayong Thailand 21120
**P/O :** RJN-029/66
**Project Name** : Rayong Bankhai
**Project Location** :

**Lot ID: 23128880**
Date Received :Dec 01, 2023
Date Reported :Dec 06, 2023
Report No. : 2854860-1



**Sample No.** 23128880-35
**Parameter** Noise
**Location** โรงเรียนบ้านหินโค่งประชานุเคราะห์ (N5) (GPS 47P 0754851, 1424538) (Shut down)
**Measurement Date** Nov 29 - 30, 2023
**Measurement by** Mongkon Phalathip
**Sound Level Meter** 1120938

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---|---|---|---|
| 03:55 AM - 04:00 AM | 45.7 | 50.6 | 44.0 |
| 04:00 AM - 04:05 AM | 49.0 | 63.4 | 43.8 |
| 04:05 AM - 04:10 AM | 45.4 | 51.5 | 43.7 |
| 04:10 AM - 04:15 AM | 45.3 | 54.3 | 43.0 |
| 04:15 AM - 04:20 AM | 49.8 | 63.5 | 43.1 |
| 04:20 AM - 04:25 AM | 65.4 | 84.8 | 55.8 |
| 04:25 AM - 04:30 AM | 49.9 | 63.1 | 42.7 |
| 04:30 AM - 04:35 AM | 47.0 | 64.2 | 42.5 |
| 04:35 AM - 04:40 AM | 44.6 | 61.2 | 42.5 |
| 04:40 AM - 04:45 AM | 47.0 | 64.5 | 42.1 |
| 04:45 AM - 04:50 AM | 46.2 | 63.1 | 42.5 |
| 04:50 AM - 04:55 AM | 46.1 | 61.3 | 42.9 |
| 04:55 AM - 05:00 AM | 46.5 | 62.4 | 43.5 |
| 05:00 AM - 05:05 AM | 49.4 | 63.6 | 43.7 |
| 05:05 AM - 05:10 AM | 48.0 | 62.4 | 44.3 |
| 05:10 AM - 05:15 AM | 49.0 | 60.1 | 43.5 |
| 05:15 AM - 05:20 AM | 49.6 | 63.0 | 43.2 |
| 05:20 AM - 05:25 AM | 50.7 | 63.0 | 43.9 |
| 05:25 AM - 05:30 AM | 50.9 | 64.1 | 44.9 |
| 05:30 AM - 05:35 AM | 50.6 | 62.7 | 46.2 |
| 05:35 AM - 05:40 AM | 49.6 | 61.0 | 46.9 |
| 05:40 AM - 05:45 AM | 61.1 | 93.2 | 45.6 |
| 05:45 AM - 05:50 AM | 51.3 | 62.5 | 45.1 |
| 05:50 AM - 05:55 AM | 51.2 | 63.1 | 45.2 |
| 05:55 AM - 06:00 AM | 50.1 | 66.2 | 44.9 |
| 06:00 AM - 07:00 AM | 50.0 | 75.0 | 42.0 |
| 07:00 AM - 08:00 AM | 49.6 | 81.6 | 40.6 |
| 08:00 AM - 09:00 AM | 45.5 | 72.5 | 38.9 |
| 09:00 AM - 10:00 AM | 43.9 | 63.8 | 38.7 |
| 10:00 AM - 11:00 AM | 48.9 | 88.9 | 39.7 |
| 11:00 AM - 12:00 PM | 47.5 | 64.5 | 41.8 |
| 12:00 PM - 01:00 PM | 46.9 | 63.2 | 41.3 |

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak
Manager