

คุณภาพอากาศในบรรยากาศ



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

Page 1 of 28

| | |
|--------------------------------|--|
| Sample Number | 2351967-1 |
| Sampled Date | May 23, 2023 |
| Sample Description | Air Quality |
| Location | องค์การบริหารส่วนตำบลเขาคันทรง (A1) (GPS 47P 0732397, 1448658) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 23/05/23 - 24/05/23 | mg/m3 | - | 0.002 | 0.028 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 23/05/23 - 24/05/23 | mg/m3 | - | 0.005 | 0.019 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 23/05/23 - 24/05/23 | mg/m3 | - | 0.002 | 0.056 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

Guideline :

NEB : Notification of the National Environmental Board., 2022 (B.E.2565)

NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Jakkarin Manwicha

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Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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|--------------------------------|--|
| Sample Number | 2351967-2 |
| Sampled Date | May 24, 2023 |
| Sample Description | Air Quality |
| Location | องค์การบริหารส่วนตำบลเขาคันทรง (A1) (GPS 47P 0732397, 1448658) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 24/05/23 - 25/05/23 | mg/m3 | - | 0.002 | 0.032 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 24/05/23 - 25/05/23 | mg/m3 | - | 0.005 | 0.023 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 24/05/23 - 25/05/23 | mg/m3 | - | 0.002 | 0.057 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

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|--------------------------------|--|
| Sample Number | 2351967-3 |
| Sampled Date | May 25, 2023 |
| Sample Description | Air Quality |
| Location | องค์การบริหารส่วนตำบลเขาคันทรง (A1) (GPS 47P 0732397, 1448658) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 25/05/23 - 26/05/23 | mg/m3 | - | 0.002 | 0.028 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 25/05/23 - 26/05/23 | mg/m3 | - | 0.005 | 0.022 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 25/05/23 - 26/05/23 | mg/m3 | - | 0.002 | 0.073 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Sampled By : Jakkarin Manwicha

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Lot ID: 2351967

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|--------------------------------|--|
| Sample Number | 2351967-4 |
| Sampled Date | May 26, 2023 |
| Sample Description | Air Quality |
| Location | องค์การบริหารส่วนตำบลเขาคันทรง (A1) (GPS 47P 0732397, 1448658) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 26/05/23 - 27/05/23 | mg/m3 | - | 0.002 | 0.040 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 26/05/23 - 27/05/23 | mg/m3 | - | 0.005 | 0.032 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 26/05/23 - 27/05/23 | mg/m3 | - | 0.002 | 0.087 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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| | |
|--------------------------------|--|
| Sample Number | 2351967-5 |
| Sampled Date | May 27, 2023 |
| Sample Description | Air Quality |
| Location | องค์การบริหารส่วนตำบลเขาคันทรง (A1) (GPS 47P 0732397, 1448658) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 27/05/23 - 28/05/23 | mg/m3 | - | 0.002 | 0.029 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 27/05/23 - 28/05/23 | mg/m3 | - | 0.005 | 0.021 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 27/05/23 - 28/05/23 | mg/m3 | - | 0.002 | 0.074 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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| | |
|--------------------------------|--|
| Sample Number | 2351967-6 |
| Sampled Date | May 28, 2023 |
| Sample Description | Air Quality |
| Location | องค์การบริหารส่วนตำบลเขาคันทรง (A1) (GPS 47P 0732397, 1448658) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 28/05/23 - 29/05/23 | mg/m3 | - | 0.002 | 0.025 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 28/05/23 - 29/05/23 | mg/m3 | - | 0.005 | 0.019 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 28/05/23 - 29/05/23 | mg/m3 | - | 0.002 | 0.055 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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| | |
|--------------------------------|--|
| Sample Number | 2351967-7 |
| Sampled Date | May 29, 2023 |
| Sample Description | Air Quality |
| Location | องค์การบริหารส่วนตำบลเขาคันทรง (A1) (GPS 47P 0732397, 1448658) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 29/05/23 - 30/05/23 | mg/m3 | - | 0.002 | 0.022 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 29/05/23 - 30/05/23 | mg/m3 | - | 0.005 | 0.015 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 29/05/23 - 30/05/23 | mg/m3 | - | 0.002 | 0.046 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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| Sample Number | 2351967-8 |
| Sampled Date | May 23, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 9 บ้านห้วยตาเกล้า (A2) (GPS 47P 0733881, 1447102) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 23/05/23 - 24/05/23 | mg/m3 | - | 0.002 | 0.031 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 23/05/23 - 24/05/23 | mg/m3 | - | 0.005 | 0.023 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 23/05/23 - 24/05/23 | mg/m3 | - | 0.002 | 0.065 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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|--------------------------------|--|
| Sample Number | 2351967-9 |
| Sampled Date | May 24, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 9 บ้านห้วยตาเกล้า (A2) (GPS 47P 0733881, 1447102) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 24/05/23 - 25/05/23 | mg/m3 | - | 0.002 | 0.025 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 24/05/23 - 25/05/23 | mg/m3 | - | 0.005 | 0.019 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 24/05/23 - 25/05/23 | mg/m3 | - | 0.002 | 0.047 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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| Sample Number | 2351967-10 |
| Sampled Date | May 25, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 9 บ้านห้วยตาเกล้า (A2) (GPS 47P 0733881, 1447102) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 25/05/23 - 26/05/23 | mg/m3 | - | 0.002 | 0.035 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 25/05/23 - 26/05/23 | mg/m3 | - | 0.005 | 0.026 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 25/05/23 - 26/05/23 | mg/m3 | - | 0.002 | 0.064 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

Guideline :

NEB : Notification of the National Environmental Board., 2022 (B.E.2565)

NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Jakkarin Manwicha

Remark :

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Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-11 |
| Sampled Date | May 26, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 9 บ้านห้วยตาเกล้า (A2) (GPS 47P 0733881, 1447102) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 26/05/23 - 27/05/23 | mg/m3 | - | 0.002 | 0.043 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 26/05/23 - 27/05/23 | mg/m3 | - | 0.005 | 0.027 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 26/05/23 - 27/05/23 | mg/m3 | - | 0.002 | 0.067 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

Guideline :

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NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Jakkarin Manwicha

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Analysis / Test Report

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-12 |
| Sampled Date | May 27, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 9 บ้านห้วยตาเกล้า (A2) (GPS 47P 0733881, 1447102) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 27/05/23 - 28/05/23 | mg/m3 | - | 0.002 | 0.032 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 27/05/23 - 28/05/23 | mg/m3 | - | 0.005 | 0.022 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 27/05/23 - 28/05/23 | mg/m3 | - | 0.002 | 0.063 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

Guideline :

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NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Jakkarin Manwicha

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P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

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| | |
|--------------------------------|--|
| Sample Number | 2351967-13 |
| Sampled Date | May 28, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 9 บ้านห้วยตาเกล้า (A2) (GPS 47P 0733881, 1447102) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 28/05/23 - 29/05/23 | mg/m3 | - | 0.002 | 0.031 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 28/05/23 - 29/05/23 | mg/m3 | - | 0.005 | 0.017 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 28/05/23 - 29/05/23 | mg/m3 | - | 0.002 | 0.057 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Sampled By : Jakkarin Manwicha

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P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

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| | |
|--------------------------------|--|
| Sample Number | 2351967-14 |
| Sampled Date | May 29, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 9 บ้านห้วยตาเกล้า (A2) (GPS 47P 0733881, 1447102) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 29/05/23 - 30/05/23 | mg/m3 | - | 0.002 | 0.021 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 29/05/23 - 30/05/23 | mg/m3 | - | 0.005 | 0.015 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 29/05/23 - 30/05/23 | mg/m3 | - | 0.002 | 0.043 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

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| | |
|--------------------------------|--|
| Sample Number | 2351967-15 |
| Sampled Date | May 23, 2023 |
| Sample Description | Air Quality |
| Location | โรงเรียนบ้านพันเสด็จใน (A3) (GPS 47P 0730088, 1444098) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 23/05/23 - 24/05/23 | mg/m3 | - | 0.002 | 0.039 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 23/05/23 - 24/05/23 | mg/m3 | - | 0.005 | 0.020 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 23/05/23 - 24/05/23 | mg/m3 | - | 0.002 | 0.082 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Sampled By : Jakkarin Manwicha

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-16 |
| Sampled Date | May 24, 2023 |
| Sample Description | Air Quality |
| Location | โรงเรียนบ้านพันเสด็จใน (A3) (GPS 47P 0730088, 1444098) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 24/05/23 - 25/05/23 | mg/m3 | - | 0.002 | 0.043 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 24/05/23 - 25/05/23 | mg/m3 | - | 0.005 | 0.022 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 24/05/23 - 25/05/23 | mg/m3 | - | 0.002 | 0.101 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

Guideline :

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NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Jakkarin Manwicha

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Analysis / Test Report

TESTING
No.0042

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-17 |
| Sampled Date | May 25, 2023 |
| Sample Description | Air Quality |
| Location | โรงเรียนบ้านพันเสด็จใน (A3) (GPS 47P 0730088, 1444098) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 25/05/23 - 26/05/23 | mg/m3 | - | 0.002 | 0.042 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 25/05/23 - 26/05/23 | mg/m3 | - | 0.005 | 0.018 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 25/05/23 - 26/05/23 | mg/m3 | - | 0.002 | 0.116 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Sampled By : Jakkarin Manwicha

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P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

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| | |
|--------------------------------|--|
| Sample Number | 2351967-18 |
| Sampled Date | May 26, 2023 |
| Sample Description | Air Quality |
| Location | โรงเรียนบ้านพันเสด็จใน (A3) (GPS 47P 0730088, 1444098) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 26/05/23 - 27/05/23 | mg/m3 | - | 0.002 | 0.062 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 26/05/23 - 27/05/23 | mg/m3 | - | 0.005 | 0.026 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 26/05/23 - 27/05/23 | mg/m3 | - | 0.002 | 0.087 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Sampled By : Jakkarin Manwicha

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P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

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| | |
|--------------------------------|--|
| Sample Number | 2351967-19 |
| Sampled Date | May 27, 2023 |
| Sample Description | Air Quality |
| Location | โรงเรียนบ้านพันเสด็จใน (A3) (GPS 47P 0730088, 1444098) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 27/05/23 - 28/05/23 | mg/m3 | - | 0.002 | 0.038 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 27/05/23 - 28/05/23 | mg/m3 | - | 0.005 | 0.020 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 27/05/23 - 28/05/23 | mg/m3 | - | 0.002 | 0.103 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-20 |
| Sampled Date | May 28, 2023 |
| Sample Description | Air Quality |
| Location | โรงเรียนบ้านพันเสด็จใน (A3) (GPS 47P 0730088, 1444098) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 28/05/23 - 29/05/23 | mg/m3 | - | 0.002 | 0.031 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 28/05/23 - 29/05/23 | mg/m3 | - | 0.005 | 0.020 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 28/05/23 - 29/05/23 | mg/m3 | - | 0.002 | 0.058 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

Guideline :

NEB : Notification of the National Environmental Board., 2022 (B.E.2565)

NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Jakkarin Manwicha

Remark :

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-21 |
| Sampled Date | May 29, 2023 |
| Sample Description | Air Quality |
| Location | โรงเรียนบ้านพันเสด็จใน (A3) (GPS 47P 0730088, 1444098) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 29/05/23 - 30/05/23 | mg/m3 | - | 0.002 | 0.040 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 29/05/23 - 30/05/23 | mg/m3 | - | 0.005 | 0.014 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 29/05/23 - 30/05/23 | mg/m3 | - | 0.002 | 0.051 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

Guideline :

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NEB No.24 : Notification of the National Environmental Board. No.24, 2004 (B.E.2547) dated September 22, 2004

Sampled By : Jakkarin Manwicha

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-22 |
| Sampled Date | May 23, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 10 บ้านเจ้าพระยา (A4) (GPS 47P 0729691, 1447674) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 23/05/23 - 24/05/23 | mg/m3 | - | 0.002 | 0.028 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 23/05/23 - 24/05/23 | mg/m3 | - | 0.005 | 0.021 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 23/05/23 - 24/05/23 | mg/m3 | - | 0.002 | 0.065 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

Guideline :

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Sampled By : Jakkarin Manwicha

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P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-23 |
| Sampled Date | May 24, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 10 บ้านเจ้าพระยา (A4) (GPS 47P 0729691, 1447674) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 24/05/23 - 25/05/23 | mg/m3 | - | 0.002 | 0.041 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 24/05/23 - 25/05/23 | mg/m3 | - | 0.005 | 0.024 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 24/05/23 - 25/05/23 | mg/m3 | - | 0.002 | 0.070 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

Guideline :

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P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-24 |
| Sampled Date | May 25, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 10 บ้านเจ้าพระยา (A4) (GPS 47P 0729691, 1447674) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 25/05/23 - 26/05/23 | mg/m3 | - | 0.002 | 0.036 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 25/05/23 - 26/05/23 | mg/m3 | - | 0.005 | 0.023 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 25/05/23 - 26/05/23 | mg/m3 | - | 0.002 | 0.074 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Sampled By : Jakkarin Manwicha

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Scientist (4)

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-25 |
| Sampled Date | May 26, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 10 บ้านเจ้าพระยา (A4) (GPS 47P 0729691, 1447674) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 26/05/23 - 27/05/23 | mg/m3 | - | 0.002 | 0.043 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 26/05/23 - 27/05/23 | mg/m3 | - | 0.005 | 0.027 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 26/05/23 - 27/05/23 | mg/m3 | - | 0.002 | 0.090 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Sampled By : Jakkarin Manwicha

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P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-26 |
| Sampled Date | May 27, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 10 บ้านเจ้าพระยา (A4) (GPS 47P 0729691, 1447674) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 27/05/23 - 28/05/23 | mg/m3 | - | 0.002 | 0.033 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 27/05/23 - 28/05/23 | mg/m3 | - | 0.005 | 0.025 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 27/05/23 - 28/05/23 | mg/m3 | - | 0.002 | 0.077 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Analysis / Test Report

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-27 |
| Sampled Date | May 28, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 10 บ้านเจ้าพระยา (A4) (GPS 47P 0729691, 1447674) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 33.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 28/05/23 - 29/05/23 | mg/m3 | - | 0.002 | 0.031 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 28/05/23 - 29/05/23 | mg/m3 | - | 0.005 | 0.022 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 28/05/23 - 29/05/23 | mg/m3 | - | 0.002 | 0.041 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Project Name : Khao Khan Song

Project Location :

Lot ID: 2351967

Date Received : May 31, 2023

Date Reported : Jun 08, 2023

Report Number : 2644863-1

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| | |
|--------------------------------|--|
| Sample Number | 2351967-28 |
| Sampled Date | May 29, 2023 |
| Sample Description | Air Quality |
| Location | หมู่ที่ 10 บ้านเจ้าพระยา (A4) (GPS 47P 0729691, 1447674) |
| Date Analysis Commenced | Jun 01, 2023 |
| Condition of Sample | Drawn into one filter paper placed in plastic cassette, one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag |
| Barometric Pressure | 757 mmHg |
| Atmospheric Temperature | 32.0 °C |

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Guideline Limit | Method | Guideline | Testing Location |
|--------------------------------|---------------------|-------|-----|-----------|--------|-----------------|-----------------------------------|------------------|------------------|
| Air Testing | | | | | | | | | |
| Particulate matter as PM 10 | 29/05/23 - 30/05/23 | mg/m3 | - | 0.002 | 0.029 | 0.12 | US EPA 40 CFR Part 50, Appendix J | NEB No.24 Rayong | |
| Particulate Matter as PM 2.5 * | 29/05/23 - 30/05/23 | mg/m3 | - | 0.005 | 0.014 | 0.05 | US EPA 40 CFR Part 50, Appendix L | NEB | Rayong |
| Total Suspended Particulate | 29/05/23 - 30/05/23 | mg/m3 | - | 0.002 | 0.046 | 0.33 | US EPA 40 CFR Part 50, Appendix B | NEB No.24 Rayong | |

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Sampled By : Jakkarin Manwicha

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351965

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2644854-1

Page 1 of 1

Sample Description Air Quality
Location องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Parameter Sulfur Dioxide (ppm)
Measurement Date May 23, 2023 - May 30, 2023
Measurement by Jakkarin Manwicha

| | 2351965-1 May 23, 2023 | 2351965-2 May 24, 2023 | 2351965-3 May 25, 2023 | 2351965-4 May 26, 2023 | 2351965-5 May 27, 2023 | 2351965-6 May 28, 2023 | 2351965-7 May 29, 2023 |
|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Time | | | | | | | |
| 09:00 AM - 10:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 |
| 10:00 AM - 11:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.001 |
| 11:00 AM - 12:00 PM | 0.001 | 0.001 | <0.001 | 0.002 | 0.002 | <0.001 | 0.001 |
| 12:00 PM - 01:00 PM | 0.001 | 0.001 | <0.001 | 0.002 | 0.002 | 0.002 | 0.001 |
| 01:00 PM - 02:00 PM | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 02:00 PM - 03:00 PM | 0.002 | <0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 |
| 03:00 PM - 04:00 PM | 0.002 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | <0.001 |
| 04:00 PM - 05:00 PM | 0.002 | 0.001 | 0.001 | 0.002 | 0.002 | 0.001 | <0.001 |
| 05:00 PM - 06:00 PM | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.001 | <0.001 |
| 06:00 PM - 07:00 PM | 0.002 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 |
| 07:00 PM - 08:00 PM | 0.001 | 0.001 | <0.001 | 0.002 | 0.001 | 0.001 | 0.001 |
| 08:00 PM - 09:00 PM | 0.001 | 0.002 | <0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 09:00 PM - 10:00 PM | 0.001 | 0.001 | <0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 10:00 PM - 11:00 PM | 0.001 | 0.001 | <0.001 | 0.001 | 0.001 | <0.001 | 0.001 |
| 11:00 PM - 12:00 AM | 0.001 | 0.001 | <0.001 | 0.001 | 0.001 | <0.001 | 0.001 |
| 12:00 AM - 01:00 AM | 0.001 | 0.001 | <0.001 | 0.001 | 0.001 | <0.001 | 0.001 |
| 01:00 AM - 02:00 AM | 0.001 | 0.001 | <0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 02:00 AM - 03:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 03:00 AM - 04:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | <0.001 |
| 04:00 AM - 05:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 05:00 AM - 06:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | <0.001 | 0.001 |
| 06:00 AM - 07:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 07:00 AM - 08:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 |
| 08:00 AM - 09:00 AM | 0.001 | 0.002 | 0.001 | 0.001 | 0.002 | 0.002 | 0.001 |
| Average | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 1hr - Maximum | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 |
| Standard 1hr - Average | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Standard 24 hrs - Average | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 |

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : US EPA Method Part 53 and 58

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351965

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2675613-1

Page 1 of 1

Sample Description Air Quality
Location หมู่ที่ 9 บ้านห้วยตาเกล้า (A2)
Parameter Sulfur Dioxide (ppm)
Measurement Date May 23, 2023 - May 30, 2023
Measurement by Jakkarin Manwicha

| Time | 2351965-8 May 23, 2023 | 2351965-9 May 24, 2023 | 2351965-10 May 25, 2023 | 2351965-11 May 26, 2023 | 2351965-12 May 27, 2023 | 2351965-13 May 28, 2023 | 2351965-14 May 29, 2023 |
|---------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 10:00 AM - 11:00 AM | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 11:00 AM - 12:00 PM | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 12:00 PM - 01:00 PM | 0.001 | 0.001 | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 |
| 01:00 PM - 02:00 PM | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 02:00 PM - 03:00 PM | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 03:00 PM - 04:00 PM | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 |
| 04:00 PM - 05:00 PM | 0.002 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| 05:00 PM - 06:00 PM | 0.002 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| 06:00 PM - 07:00 PM | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| 07:00 PM - 08:00 PM | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| 08:00 PM - 09:00 PM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 |
| 09:00 PM - 10:00 PM | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 |
| 10:00 PM - 11:00 PM | 0.002 | <0.001 | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 |
| 11:00 PM - 12:00 AM | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 |
| 12:00 AM - 01:00 AM | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 01:00 AM - 02:00 AM | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 |
| 02:00 AM - 03:00 AM | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 |
| 03:00 AM - 04:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 |
| 04:00 AM - 05:00 AM | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 05:00 AM - 06:00 AM | 0.002 | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 |
| 06:00 AM - 07:00 AM | 0.002 | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 |
| 07:00 AM - 08:00 AM | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| 08:00 AM - 09:00 AM | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 |
| 09:00 AM - 10:00 AM | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 |
| Average | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 |
| 1hr - Maximum | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| Standard 1hr - Average | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Standard 24 hrs - Average | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 |

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : US EPA Method Part 53 and 58

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351965

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2675615-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรียนบ้านพันเสด็จใน (A3)
Parameter Sulfur Dioxide (ppm)
Measurement Date May 23, 2023 - May 30, 2023
Measurement by Jakkarin Manwicha

| Time | 2351965-15 May 23, 2023 | 2351965-16 May 24, 2023 | 2351965-17 May 25, 2023 | 2351965-18 May 26, 2023 | 2351965-19 May 27, 2023 | 2351965-20 May 28, 2023 | 2351965-21 May 29, 2023 |
|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 11:00 AM - 12:00 PM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 12:00 PM - 01:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 |
| 01:00 PM - 02:00 PM | 0.001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.001 | <0.001 |
| 02:00 PM - 03:00 PM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 |
| 03:00 PM - 04:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 04:00 PM - 05:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 05:00 PM - 06:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 06:00 PM - 07:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 07:00 PM - 08:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 08:00 PM - 09:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 09:00 PM - 10:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 10:00 PM - 11:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 11:00 PM - 12:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 12:00 AM - 01:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 01:00 AM - 02:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 02:00 AM - 03:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 03:00 AM - 04:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 04:00 AM - 05:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 05:00 AM - 06:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 06:00 AM - 07:00 AM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 07:00 AM - 08:00 AM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 08:00 AM - 09:00 AM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 09:00 AM - 10:00 AM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 10:00 AM - 11:00 AM | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Average | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 1hr - Maximum | 0.001 | 0.001 | 0.001 | 0.001 | <0.001 | 0.001 | <0.001 |
| Standard 1hr - Average | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Standard 24 hrs - Average | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 |

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : US EPA Method Part 53 and 58

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351965

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2675618-1

Page 1 of 1

Sample Description Air Quality
Location หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Parameter Sulfur Dioxide (ppm)
Measurement Date May 23, 2023 - May 30, 2023
Measurement by Jakkarin Manwicha

| Time | 2351965-22 May 23, 2023 | 2351965-23 May 24, 2023 | 2351965-24 May 25, 2023 | 2351965-25 May 26, 2023 | 2351965-26 May 27, 2023 | 2351965-27 May 28, 2023 | 2351965-28 May 29, 2023 |
|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 12:00 PM - 01:00 PM | 0.002 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.002 |
| 01:00 PM - 02:00 PM | 0.002 | 0.001 | 0.002 | 0.001 | 0.001 | 0.002 | 0.002 |
| 02:00 PM - 03:00 PM | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 |
| 03:00 PM - 04:00 PM | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 |
| 04:00 PM - 05:00 PM | 0.002 | 0.002 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| 05:00 PM - 06:00 PM | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 06:00 PM - 07:00 PM | 0.002 | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 |
| 07:00 PM - 08:00 PM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 08:00 PM - 09:00 PM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 09:00 PM - 10:00 PM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 10:00 PM - 11:00 PM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 11:00 PM - 12:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 12:00 AM - 01:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 01:00 AM - 02:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 |
| 02:00 AM - 03:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 03:00 AM - 04:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 04:00 AM - 05:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.001 |
| 05:00 AM - 06:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 06:00 AM - 07:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 07:00 AM - 08:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 08:00 AM - 09:00 AM | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 09:00 AM - 10:00 AM | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 |
| 10:00 AM - 11:00 AM | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 |
| 11:00 AM - 12:00 PM | 0.001 | 0.002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 |
| Average | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| 1hr - Maximum | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 |
| Standard 1hr - Average | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Standard 24 hrs - Average | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 |

Standard : Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544) and No.24, 2004 (B.E.2547).

Reference Method : US EPA Method Part 53 and 58

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Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351962

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2644849-1

Page 1 of 1

Sample Description Air Quality
Location องค์การบริหารส่วนตำบลเขาคันทรง (A1)
Parameter Nitrogen dioxide (ppm)
Measurement Date May 23, 2023 - May 30, 2023
Measurement by Jakkarin Manwicha

| | 2351962-1 May 23, 2023 | 2351962-2 May 24, 2023 | 2351962-3 May 25, 2023 | 2351962-4 May 26, 2023 | 2351962-5 May 27, 2023 | 2351962-6 May 28, 2023 | 2351962-7 May 29, 2023 |
|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Time | | | | | | | |
| 09:00 AM - 10:00 AM | 0.002 | <0.001 | <0.001 | 0.001 | <0.001 | 0.001 | 0.002 |
| 10:00 AM - 11:00 AM | 0.004 | 0.002 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 |
| 11:00 AM - 12:00 PM | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.001 | 0.001 |
| 12:00 PM - 01:00 PM | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.001 | 0.001 |
| 01:00 PM - 02:00 PM | <0.001 | 0.001 | <0.001 | 0.002 | 0.001 | <0.001 | 0.002 |
| 02:00 PM - 03:00 PM | <0.001 | 0.001 | <0.001 | 0.001 | 0.006 | <0.001 | 0.001 |
| 03:00 PM - 04:00 PM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 04:00 PM - 05:00 PM | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.001 |
| 05:00 PM - 06:00 PM | <0.001 | 0.002 | <0.001 | <0.001 | 0.001 | <0.001 | 0.001 |
| 06:00 PM - 07:00 PM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 07:00 PM - 08:00 PM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 08:00 PM - 09:00 PM | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 |
| 09:00 PM - 10:00 PM | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 |
| 10:00 PM - 11:00 PM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 11:00 PM - 12:00 AM | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 |
| 12:00 AM - 01:00 AM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.003 |
| 01:00 AM - 02:00 AM | 0.002 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 |
| 02:00 AM - 03:00 AM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 03:00 AM - 04:00 AM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 04:00 AM - 05:00 AM | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 05:00 AM - 06:00 AM | <0.001 | 0.003 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| 06:00 AM - 07:00 AM | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 07:00 AM - 08:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 08:00 AM - 09:00 AM | 0.001 | <0.001 | 0.001 | <0.001 | <0.001 | 0.001 | <0.001 |
| Average | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 1hr - Maximum | 0.004 | 0.003 | 0.001 | 0.002 | 0.006 | 0.001 | 0.003 |
| Standard 1hr - Average | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 |

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPAMethod Part 50 App. F (Chemiluminescence)

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Orawan Rakyong

Scientist (3)

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351962

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2675609-1

Page 1 of 1

Sample Description Air Quality
Location หมู่ที่ 9 บ้านห้วยตาเกล้า (A2)
Parameter Nitrogen dioxide (ppm)
Measurement Date May 23, 2023 - May 30, 2023
Measurement by Jakkarin Manwicha

| | 2351962-8 May 23, 2023 | 2351962-9 May 24, 2023 | 2351962-10 May 25, 2023 | 2351962-11 May 26, 2023 | 2351962-12 May 27, 2023 | 2351962-13 May 28, 2023 | 2351962-14 May 29, 2023 |
|------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Time | | | | | | | |
| 10:00 AM - 11:00 AM | 0.001 | 0.002 | 0.004 | 0.002 | 0.002 | 0.003 | 0.001 |
| 11:00 AM - 12:00 PM | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.003 | 0.001 |
| 12:00 PM - 01:00 PM | 0.004 | 0.002 | 0.002 | 0.002 | 0.001 | 0.002 | <0.001 |
| 01:00 PM - 02:00 PM | 0.003 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 | <0.001 |
| 02:00 PM - 03:00 PM | 0.002 | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | <0.001 |
| 03:00 PM - 04:00 PM | 0.002 | 0.002 | 0.001 | 0.002 | 0.001 | 0.002 | <0.001 |
| 04:00 PM - 05:00 PM | 0.002 | 0.002 | 0.001 | 0.002 | 0.001 | 0.002 | <0.001 |
| 05:00 PM - 06:00 PM | 0.003 | 0.002 | 0.001 | 0.002 | 0.002 | 0.007 | <0.001 |
| 06:00 PM - 07:00 PM | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.003 | <0.001 |
| 07:00 PM - 08:00 PM | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | <0.001 |
| 08:00 PM - 09:00 PM | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.002 | <0.001 |
| 09:00 PM - 10:00 PM | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.001 | <0.001 |
| 10:00 PM - 11:00 PM | 0.002 | 0.001 | 0.002 | 0.002 | 0.001 | 0.002 | <0.001 |
| 11:00 PM - 12:00 AM | 0.002 | 0.001 | 0.001 | 0.003 | 0.002 | 0.001 | <0.001 |
| 12:00 AM - 01:00 AM | 0.002 | 0.001 | 0.001 | 0.004 | 0.001 | 0.001 | <0.001 |
| 01:00 AM - 02:00 AM | 0.002 | 0.001 | 0.002 | 0.002 | 0.001 | 0.001 | 0.002 |
| 02:00 AM - 03:00 AM | 0.002 | 0.002 | 0.001 | 0.002 | 0.002 | 0.001 | 0.003 |
| 03:00 AM - 04:00 AM | 0.006 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.002 |
| 04:00 AM - 05:00 AM | 0.004 | 0.003 | 0.002 | 0.002 | 0.003 | 0.003 | 0.001 |
| 05:00 AM - 06:00 AM | 0.003 | 0.002 | 0.002 | 0.002 | 0.005 | 0.002 | 0.001 |
| 06:00 AM - 07:00 AM | 0.002 | 0.002 | 0.002 | 0.003 | 0.004 | 0.003 | 0.001 |
| 07:00 AM - 08:00 AM | 0.006 | 0.005 | 0.003 | 0.002 | 0.008 | 0.006 | 0.001 |
| 08:00 AM - 09:00 AM | 0.003 | 0.004 | 0.002 | 0.002 | 0.007 | 0.003 | 0.001 |
| 09:00 AM - 10:00 AM | 0.002 | 0.003 | 0.003 | 0.004 | 0.005 | 0.002 | 0.002 |
| Average | 0.003 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.001 |
| 1hr - Maximum | 0.006 | 0.005 | 0.004 | 0.004 | 0.008 | 0.007 | 0.003 |
| Standard 1hr - Average | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 |

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPAMethod Part 50 App. F (Chemiluminescence)

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351962

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2675610-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรียนบ้านพันเสด็จใน (A3)
Parameter Nitrogen dioxide (ppm)
Measurement Date May 23, 2023 - May 30, 2023
Measurement by Jakkarin Manwicha

| Time | 2351962-15 May 23, 2023 | 2351962-16 May 24, 2023 | 2351962-17 May 25, 2023 | 2351962-18 May 26, 2023 | 2351962-19 May 27, 2023 | 2351962-20 May 28, 2023 | 2351962-21 May 29, 2023 |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 11:00 AM - 12:00 PM | 0.001 | 0.002 | <0.001 | 0.001 | 0.001 | 0.004 | 0.001 |
| 12:00 PM - 01:00 PM | 0.002 | 0.001 | 0.001 | <0.001 | <0.001 | 0.004 | 0.001 |
| 01:00 PM - 02:00 PM | 0.005 | 0.001 | 0.001 | <0.001 | <0.001 | 0.002 | <0.001 |
| 02:00 PM - 03:00 PM | 0.001 | 0.001 | <0.001 | 0.001 | 0.001 | 0.002 | <0.001 |
| 03:00 PM - 04:00 PM | 0.003 | 0.001 | <0.001 | <0.001 | 0.001 | 0.001 | <0.001 |
| 04:00 PM - 05:00 PM | 0.001 | 0.001 | 0.002 | <0.001 | <0.001 | 0.001 | 0.001 |
| 05:00 PM - 06:00 PM | <0.001 | 0.003 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 |
| 06:00 PM - 07:00 PM | 0.001 | 0.002 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 |
| 07:00 PM - 08:00 PM | <0.001 | 0.003 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 |
| 08:00 PM - 09:00 PM | <0.001 | 0.003 | 0.002 | 0.001 | <0.001 | <0.001 | <0.001 |
| 09:00 PM - 10:00 PM | 0.002 | 0.002 | 0.004 | 0.002 | 0.001 | <0.001 | <0.001 |
| 10:00 PM - 11:00 PM | 0.002 | 0.002 | 0.006 | 0.002 | <0.001 | <0.001 | 0.001 |
| 11:00 PM - 12:00 AM | 0.003 | 0.002 | 0.006 | 0.002 | 0.001 | <0.001 | 0.002 |
| 12:00 AM - 01:00 AM | 0.005 | 0.009 | 0.007 | 0.004 | 0.001 | <0.001 | 0.003 |
| 01:00 AM - 02:00 AM | 0.008 | 0.002 | 0.009 | 0.005 | 0.001 | 0.001 | 0.002 |
| 02:00 AM - 03:00 AM | 0.002 | 0.007 | 0.009 | 0.007 | 0.003 | <0.001 | 0.002 |
| 03:00 AM - 04:00 AM | 0.006 | 0.007 | 0.010 | 0.006 | 0.004 | 0.002 | 0.002 |
| 04:00 AM - 05:00 AM | 0.003 | 0.004 | 0.005 | 0.007 | 0.002 | 0.003 | 0.002 |
| 05:00 AM - 06:00 AM | 0.004 | 0.004 | 0.004 | 0.002 | 0.002 | 0.001 | 0.002 |
| 06:00 AM - 07:00 AM | 0.003 | 0.002 | 0.003 | 0.002 | 0.001 | 0.001 | 0.002 |
| 07:00 AM - 08:00 AM | 0.002 | 0.001 | 0.003 | 0.002 | <0.001 | 0.002 | 0.002 |
| 08:00 AM - 09:00 AM | 0.001 | 0.001 | 0.002 | 0.002 | <0.001 | 0.002 | 0.001 |
| 09:00 AM - 10:00 AM | 0.002 | <0.001 | 0.002 | 0.003 | 0.001 | 0.002 | <0.001 |
| 10:00 AM - 11:00 AM | 0.002 | <0.001 | <0.001 | 0.002 | 0.002 | 0.001 | 0.002 |
| Average | 0.003 | 0.003 | 0.004 | 0.002 | 0.001 | 0.001 | 0.001 |
| 1hr - Maximum | 0.008 | 0.009 | 0.010 | 0.007 | 0.004 | 0.004 | 0.003 |
| Standard 1hr - Average | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 |

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPAMethod Part 50 App. F (Chemiluminescence)

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351962

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2675611-1

Page 1 of 1

Sample Description Air Quality
Location หมู่ที่ 10 บ้านเจ้าพระยา (A4)
Parameter Nitrogen dioxide (ppm)
Measurement Date May 23, 2023 - May 30, 2023
Measurement by Jakkarin Manwicha

| Time | 2351962-22 May 23, 2023 | 2351962-23 May 24, 2023 | 2351962-24 May 25, 2023 | 2351962-25 May 26, 2023 | 2351962-26 May 27, 2023 | 2351962-27 May 28, 2023 | 2351962-28 May 29, 2023 |
|------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 12:00 PM - 01:00 PM | 0.002 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 01:00 PM - 02:00 PM | 0.002 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 02:00 PM - 03:00 PM | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 03:00 PM - 04:00 PM | 0.002 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 04:00 PM - 05:00 PM | 0.002 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 05:00 PM - 06:00 PM | 0.002 | 0.001 | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 |
| 06:00 PM - 07:00 PM | 0.002 | 0.002 | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 |
| 07:00 PM - 08:00 PM | 0.002 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 08:00 PM - 09:00 PM | 0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 09:00 PM - 10:00 PM | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 10:00 PM - 11:00 PM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 11:00 PM - 12:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 12:00 AM - 01:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 01:00 AM - 02:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 02:00 AM - 03:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 03:00 AM - 04:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 04:00 AM - 05:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 05:00 AM - 06:00 AM | 0.001 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 |
| 06:00 AM - 07:00 AM | 0.001 | <0.001 | 0.001 | 0.004 | 0.001 | <0.001 | <0.001 |
| 07:00 AM - 08:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 08:00 AM - 09:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 09:00 AM - 10:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 10:00 AM - 11:00 AM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 11:00 AM - 12:00 PM | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Average | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| 1hr - Maximum | 0.002 | 0.002 | 0.001 | 0.004 | 0.001 | <0.001 | <0.001 |
| Standard 1hr - Average | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 | 0.170 |

Standard : Notification of the National Environment Board No. 33, 2009 (B.E. 2552).

Reference Method : US EPAMethod Part 50 App. F (Chemiluminescence)

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602065-1

Page 1 of 9

| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-1 | | | | | | | |
| Sampled Date | Mar 15, 2023 10:40 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะก่อนจระเข้น้ำทั้งของโครงการ (SW1) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|------------------------------------|------|--------|-----------|--------------|---------------|---------------|---|------------------|
| Metals Testing | | | | | | | | |
| ^[A] Arsenic | mg/L | 0.0003 | 0.0005 | 0.15 | ≤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 |
| ^[A] Barium | mg/L | 0.0003 | 0.0005 | 0.15 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Copper | mg/L | 0.0003 | 0.0005 | 0.0009 | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| ^[A] Iron | mg/L | 0.003 | 0.005 | 12.9 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Lead | mg/L | 0.0003 | 0.0005 | 0.002 | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Manganese | mg/L | 0.0003 | 0.0005 | 0.68 | ≤1 | ≤1 | 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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Dej Changchon
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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602065-1

Page 2 of 9

| Sample Number | 2327809-1 | | | | | | | |
|--|--|--------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:40 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะก่อนจรัญบายน้ำทั้งของโครงการ (SW1) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Metals Testing | | | | | | | | |
| ^[A] Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.002 | ≤0.002 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112 | Bangkok |
| ^[A] Nickel | mg/L | 0.0003 | 0.0005 | 0.001 | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Zinc | mg/L | 0.003 | 0.005 | 0.008 | ≤1 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Microbiological Testing | | | | | | | | |
| ^[A] Fecal Coliform | MPN/100mL | - | - | 700.0 | ≤4000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| ^[A] Total Coliform | MPN/100mL | - | - | 13000.0 | ≤20000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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

Dej Changchon
Senior Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602065-1

Page 3 of 9

| Sample Number | 2327809-1 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:40 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะก่อนจระเข้น้ำทั้งของโครงการ (SW1) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Aldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.10 | ≤0.10 | In-house method : STM 04-101 based on 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602065-1

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| Sample Number | 2327809-1 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:40 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะก่อนจระเข้น้ำทั้งของโครงการ (SW1) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | ≤0.02 | ≤0.02 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Chlordane | ug/L | 0.02 | 0.04 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤1 | ≤1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602065-1

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| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-1 | | | | | | | |
| Sampled Date | Mar 15, 2023 10:40 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะก่อนจรัญหาน้ำทิ้งของโครงการ (SW1) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|--|------|------|-----------|--------------|---------------|---------------|--|------------------|
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.1 | ≤0.1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan Sulfate | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin | ug/L | 0.01 | 0.02 | Not Detected | Not Detected | Not Detected | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602065-1

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| Sample Number | 2327809-1 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:40 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะก่อนจระเข้น้ำทั้งของโครงการ (SW1) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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 | ≤0.2 | ≤0.2 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602065-1

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| Sample Number | 2327809-1 | | | | | | | |
|--|--|-------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:40 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะก่อนจระเข้น้ำทั้งของโครงการ (SW1) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Water Testing | | | | | | | | |
| Ammonia Nitrogen * | mg/L | 0.02 | 0.05 | 5.34 | ≤0.5 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D) | Rayong |
| BOD (5 days at 20 Degree C) * | mg/L | - | 2.0 | 13.0 | ≤2 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B | Rayong |
| COD * | mg/L | - | 25 | 65 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D | Rayong |
| ^[A] Cyanide as CN | mg/L | 0.002 | 0.005 | Not Detected | ≤0.005 | ≤0.005 | In-house method : STM 04-007 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E) | Bangkok |
| Dissolved Oxygen * | mg/L | - | 0.1 | 5.8 | ≥4 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C) | Rayong |
| Formaldehyde * | mg/L | 0.03 | 0.1 | <0.1 | No Standard | No Standard | Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004 | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | 0.12 | ≤5 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602065-1

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| Sample Number | 2327809-1 | | | | | | | |
|--|--|--------|-----------|--------------|---------------|---------------|---|------------------|
| Sampled Date | Mar 15, 2023 10:40 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำรวจสาธารณะก่อนจระเขยน้ำทั้งของโครงการ (SW1) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Water Testing | | | | | | | | |
| pH at 25 degree C | | - | - | 7.6 | 5.0-9.0 | 5.0-9.0 | In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |
| Phenol * | mg/L | 0.0005 | 0.001 | Not Detected | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D | Rayong |
| Residual Free Chlorine * | mg/L | - | 0.1 | <0.1 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F) | Rayong |
| Sulfide * | mg/L | - | 0.5 | <0.5 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F) | Rayong |
| Temperature * | Degree C | - | - | 26.7 | (c) | (c) | 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 | 254 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 1.0 | 6.7 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D) | Rayong |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 23 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Rayong |

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602065-1

Page 9 of 9

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602066-1

Page 1 of 9

| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-2 | | | | | | | |
| Sampled Date | Mar 15, 2023 10:20 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะบริเวณจุดน้ำทิ้งของโครงการ (SW2) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|------------------------------------|------|--------|-----------|--------------|---------------|---------------|---|------------------|
| Metals Testing | | | | | | | | |
| ^[A] Arsenic | mg/L | 0.0003 | 0.0005 | 0.04 | ≤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 |
| ^[A] Barium | mg/L | 0.0003 | 0.0005 | 0.16 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Copper | mg/L | 0.0003 | 0.0005 | 0.001 | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| ^[A] Iron | mg/L | 0.003 | 0.005 | 0.25 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Lead | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Manganese | mg/L | 0.0003 | 0.0005 | 0.44 | ≤1 | ≤1 | 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 :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602066-1

Page 2 of 9

| Sample Number | 2327809-2 | | | | | | | |
|--|--|--------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:20 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะบริเวณน้ำทิ้งของโครงการ (SW2) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Metals Testing | | | | | | | | |
| ^[A] Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.002 | ≤0.002 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112 | Bangkok |
| ^[A] Nickel | mg/L | 0.0003 | 0.0005 | 0.001 | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Zinc | mg/L | 0.003 | 0.005 | 0.008 | ≤1 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Microbiological Testing | | | | | | | | |
| ^[A] Fecal Coliform | MPN/100mL | - | - | 1300000.0 | ≤4000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| ^[A] Total Coliform | MPN/100mL | - | - | 2400000.0 | ≤20000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602066-1

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| Sample Number | 2327809-2 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:20 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะบริเวณน้ำทิ้งของโครงการ (SW2) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Aldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.10 | ≤0.10 | In-house method : STM 04-101 based on 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602066-1

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| Sample Number | 2327809-2 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:20 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะบริเวณจุดน้ำทิ้งของโครงการ (SW2) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | ≤0.02 | ≤0.02 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Chlordane | ug/L | 0.02 | 0.04 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤1 | ≤1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602066-1

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| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-2 | | | | | | | |
| Sampled Date | Mar 15, 2023 10:20 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ลำรางสาธารณะบริเวณจุดน้ำทิ้งของโครงการ (SW2) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|--|------|------|-----------|--------------|---------------|---------------|--|------------------|
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.1 | ≤0.1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan Sulfate | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin | ug/L | 0.01 | 0.02 | Not Detected | Not Detected | Not Detected | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602066-1

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| Sample Number | 2327809-2 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:20 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะบริเวณจุดน้ำทิ้งของโครงการ (SW2) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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 | ≤0.2 | ≤0.2 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602066-1

Page 7 of 9

| Sample Number | 2327809-2 | | | | | | | |
|--|--|-------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:20 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะบริเวณจุดน้ำทิ้งของโครงการ (SW2) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Water Testing | | | | | | | | |
| Ammonia Nitrogen * | mg/L | 0.02 | 0.05 | 29.2 | ≤0.5 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D) | Rayong |
| BOD (5 days at 20 Degree C) * | mg/L | - | 2.0 | 11.2 | ≤2 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B | Rayong |
| COD * | mg/L | - | 25 | 55 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D | Rayong |
| ^[A] Cyanide as CN | mg/L | 0.002 | 0.005 | Not Detected | ≤0.005 | ≤0.005 | In-house method : STM 04-007 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E) | Bangkok |
| Dissolved Oxygen * | mg/L | - | 0.1 | 3.2 | ≥4 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C) | Rayong |
| Formaldehyde * | mg/L | 0.03 | 0.1 | Not Detected | No Standard | No Standard | Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004 | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | <0.05 | ≤5 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |

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P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602066-1

Page 8 of 9

| Sample Number | 2327809-2 | | | | | | | |
|--|--|--------|-----------|--------|---------------|---------------|---|------------------|
| Sampled Date | Mar 15, 2023 10:20 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญสาธารณะบริเวณจุดน้ำทิ้งของโครงการ (SW2) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Water Testing | | | | | | | | |
| pH at 25 degree C | | - | - | 7.9 | 5.0-9.0 | 5.0-9.0 | In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |
| Phenol * | mg/L | 0.0005 | 0.001 | <0.001 | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D | Rayong |
| Residual Free Chlorine * | mg/L | - | 0.1 | <0.1 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F) | Rayong |
| Sulfide * | mg/L | - | 0.5 | <0.5 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F) | Rayong |
| Temperature * | Degree C | - | - | 27.7 | (c) | (c) | 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 | 548 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 1.0 | 37.8 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D) | Rayong |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 5 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Rayong |

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P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602066-1

Page 9 of 9

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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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Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602067-1

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| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-3 | | | | | | | |
| Sampled Date | Mar 15, 2023 10:05 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จก่อนจุดบรรจบรางสาธารณะประมาณ 500 เมตร (SW3) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|------------------------------------|------|--------|-----------|--------------|---------------|---------------|---|------------------|
| Metals Testing | | | | | | | | |
| ^[A] Arsenic | mg/L | 0.0003 | 0.0005 | 0.005 | ≤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 |
| ^[A] Barium | mg/L | 0.0003 | 0.0005 | 0.15 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Copper | mg/L | 0.0003 | 0.0005 | 0.002 | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| ^[A] Iron | mg/L | 0.003 | 0.005 | 0.59 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Lead | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Manganese | mg/L | 0.0003 | 0.0005 | 2.07 | ≤1 | ≤1 | 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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| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Metals Testing | | | | | | | | |
| ^[A] Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.002 | ≤0.002 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112 | Bangkok |
| ^[A] Nickel | mg/L | 0.0003 | 0.0005 | 0.03 | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Zinc | mg/L | 0.003 | 0.005 | 0.04 | ≤1 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Microbiological Testing | | | | | | | | |
| ^[A] Fecal Coliform | MPN/100mL | - | - | 1300.0 | ≤4000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| ^[A] Total Coliform | MPN/100mL | - | - | 2400.0 | ≤20000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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| Location | ห้วยพันเสด็จก่อนจุดบรรจบรางสาธารณะประมาณ 500 เมตร (SW3) | | | | | | | |
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| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Aldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.10 | ≤0.10 | In-house method : STM 04-101 based on 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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| Sample Number | 2327809-3 | | | | | | | |
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| Sampled Date | Mar 15, 2023 10:05 AM | | | | | | | |
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| Location | ห้วยพันเสด็จก่อนจุดบรรจบรางสาธารณะประมาณ 500 เมตร (SW3) | | | | | | | |
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| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | ≤0.02 | ≤0.02 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Chlordane | ug/L | 0.02 | 0.04 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤1 | ≤1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
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| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|--|------|------|-----------|--------------|---------------|---------------|--|------------------|
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.1 | ≤0.1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan Sulfate | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin | ug/L | 0.01 | 0.02 | Not Detected | Not Detected | Not Detected | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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 | ≤0.2 | ≤0.2 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|--|------|-------|-----------|--------------|---------------|---------------|--|------------------|
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Water Testing | | | | | | | | |
| Ammonia Nitrogen * | mg/L | 0.02 | 0.05 | 1.38 | ≤0.5 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D) | Rayong |
| BOD (5 days at 20 Degree C) * | mg/L | - | 2.0 | <2.0 | ≤2 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B | Rayong |
| COD * | mg/L | - | 25 | <25 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D | Rayong |
| ^[A] Cyanide as CN | mg/L | 0.002 | 0.005 | Not Detected | ≤0.005 | ≤0.005 | In-house method : STM 04-007 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E) | Bangkok |
| Dissolved Oxygen * | mg/L | - | 0.1 | 6.6 | ≥4 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C) | Rayong |
| Formaldehyde * | mg/L | 0.03 | 0.1 | Not Detected | No Standard | No Standard | Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004 | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | 1.00 | ≤5 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |

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| Sample Number | 2327809-3 | | | | | | | |
|--|--|--------|-----------|--------|---------------|---------------|---|------------------|
| Sampled Date | Mar 15, 2023 10:05 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จก่อนจุดบรรจบรางสาธารณะประมาณ 500 เมตร (SW3) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Water Testing | | | | | | | | |
| pH at 25 degree C | | - | - | 7.8 | 5.0-9.0 | 5.0-9.0 | In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |
| Phenol * | mg/L | 0.0005 | 0.001 | <0.001 | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D | Rayong |
| Residual Free Chlorine * | mg/L | - | 0.1 | <0.1 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F) | Rayong |
| Sulfide * | mg/L | - | 0.5 | <0.5 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F) | Rayong |
| Temperature * | Degree C | - | - | 27.8 | (c) | (c) | 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 | 308 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 1.0 | 3.2 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D) | Rayong |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 12 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Rayong |

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602067-1

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Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602068-1

Page 1 of 9

| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-4 | | | | | | | |
| Sampled Date | Mar 15, 2023 11:25 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จจตุรบรรณสาธารณะ (SW4) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|------------------------------------|------|--------|-----------|--------------|---------------|---------------|---|------------------|
| Metals Testing | | | | | | | | |
| ^[A] Arsenic | mg/L | 0.0003 | 0.0005 | 0.003 | ≤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 |
| ^[A] Barium | mg/L | 0.0003 | 0.0005 | 0.12 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Copper | mg/L | 0.0003 | 0.0005 | 0.003 | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| ^[A] Iron | mg/L | 0.003 | 0.005 | 0.44 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Lead | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Manganese | mg/L | 0.0003 | 0.0005 | 0.98 | ≤1 | ≤1 | 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602068-1

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| Sample Number | 2327809-4 | | | | | | | |
|--|--|--------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 11:25 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จจตุรบรรจบรางสาธารณะ (SW4) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Metals Testing | | | | | | | | |
| ^[A] Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.002 | ≤0.002 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112 | Bangkok |
| ^[A] Nickel | mg/L | 0.0003 | 0.0005 | 0.04 | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Zinc | mg/L | 0.003 | 0.005 | <0.005 | ≤1 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Microbiological Testing | | | | | | | | |
| ^[A] Fecal Coliform | MPN/100mL | - | - | 24000.0 | ≤4000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| ^[A] Total Coliform | MPN/100mL | - | - | 49000.0 | ≤20000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602068-1

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| Sample Number | 2327809-4 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 11:25 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จจตุรบรรณสาธารณะ (SW4) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Aldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.10 | ≤0.10 | In-house method : STM 04-101 based on 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602068-1

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| Sample Number | 2327809-4 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 11:25 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จจตุรบรรณสาธารณะ (SW4) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | ≤0.02 | ≤0.02 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Chlordane | ug/L | 0.02 | 0.04 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤1 | ≤1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602068-1

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| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-4 | | | | | | | |
| Sampled Date | Mar 15, 2023 11:25 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จจตุรบรรณสาธารณะ (SW4) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|--|------|------|-----------|--------------|---------------|---------------|--|------------------|
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.1 | ≤0.1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan Sulfate | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin | ug/L | 0.01 | 0.02 | Not Detected | Not Detected | Not Detected | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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 :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602068-1

Page 6 of 9

| Sample Number | 2327809-4 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 11:25 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จจตุรบรรณสาธารณะ (SW4) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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 | ≤0.2 | ≤0.2 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602068-1

Page 7 of 9

| Sample Number | 2327809-4 | | | | | | | |
|--|--|-------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 11:25 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จจตุรบรรณสาธารณะ (SW4) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Water Testing | | | | | | | | |
| Ammonia Nitrogen * | mg/L | 0.02 | 0.05 | 1.08 | ≤0.5 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D) | Rayong |
| BOD (5 days at 20 Degree C) * | mg/L | - | 2.0 | <2.0 | ≤2 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B | Rayong |
| COD * | mg/L | - | 25 | <25 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D | Rayong |
| ^[A] Cyanide as CN | mg/L | 0.002 | 0.005 | Not Detected | ≤0.005 | ≤0.005 | In-house method : STM 04-007 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E) | Bangkok |
| Dissolved Oxygen * | mg/L | - | 0.1 | 6.8 | ≥4 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C) | Rayong |
| Formaldehyde * | mg/L | 0.03 | 0.1 | Not Detected | No Standard | No Standard | Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004 | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | 2.04 | ≤5 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |

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TESTING

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| Sample Number | 2327809-4 | | | | | | | |
|--|--|--------|-----------|--------------|---------------|---------------|---|------------------|
| Sampled Date | Mar 15, 2023 11:25 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ห้วยพันเสด็จจตุรบรรณสาธารณะ (SW4) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Water Testing | | | | | | | | |
| pH at 25 degree C | | - | - | 7.7 | 5.0-9.0 | 5.0-9.0 | In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |
| Phenol * | mg/L | 0.0005 | 0.001 | Not Detected | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D | Rayong |
| Residual Free Chlorine * | mg/L | - | 0.1 | <0.1 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F) | Rayong |
| Sulfide * | mg/L | - | 0.5 | <0.5 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F) | Rayong |
| Temperature * | Degree C | - | - | 29.0 | (c) | (c) | 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 | 352 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 1.0 | 1.7 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D) | Rayong |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 7 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Rayong |

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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

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TESTING

No.0042

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Date Reported : Mar 23, 2023

Report Number : 2602068-1

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Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602070-1

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| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-6 | | | | | | | |
| Sampled Date | Mar 15, 2023 9:23 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (SW6) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|------------------------------------|------|--------|-----------|--------------|---------------|---------------|---|------------------|
| Metals Testing | | | | | | | | |
| ^[A] Arsenic | mg/L | 0.0003 | 0.0005 | 0.006 | ≤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 |
| ^[A] Barium | mg/L | 0.0003 | 0.0005 | 0.24 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Cadmium | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Copper | mg/L | 0.0003 | 0.0005 | Not Detected | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Hexavalent Chromium | mg/L | 0.003 | 0.01 | Not Detected | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| ^[A] Iron | mg/L | 0.003 | 0.005 | 1.73 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Lead | mg/L | 0.0003 | 0.0005 | <0.0005 | ≤0.05 | ≤0.05 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Manganese | mg/L | 0.0003 | 0.0005 | 1.13 | ≤1 | ≤1 | 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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Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602070-1

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| Sample Number | 2327809-6 | | | | | | | |
|--|--|--------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 9:23 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | สำราญก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (SW6) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Metals Testing | | | | | | | | |
| ^[A] Mercury | mg/L | 0.0001 | 0.0005 | Not Detected | ≤0.002 | ≤0.002 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112 | Bangkok |
| ^[A] Nickel | mg/L | 0.0003 | 0.0005 | 0.008 | ≤0.10 | ≤0.10 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Silver | mg/L | 0.0003 | 0.0005 | Not Detected | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| ^[A] Zinc | mg/L | 0.003 | 0.005 | 0.007 | ≤1 | ≤1 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Microbiological Testing | | | | | | | | |
| ^[A] Fecal Coliform | MPN/100mL | - | - | 240.0 | ≤4000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B, E | Bangkok |
| ^[A] Total Coliform | MPN/100mL | - | - | 790.0 | ≤20000 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 9221 B | Bangkok |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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Project Name : Khao Khan Song

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TESTING

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Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602070-1

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| Sample Number | 2327809-6 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 9:23 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (SW6) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] 2,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 2,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDD | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDE | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] 4,4-DDT | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Aldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.10 | ≤0.10 | In-house method : STM 04-101 based on 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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Project Name : Khao Khan Song

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Lot ID: 2327809

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| Sample Number | 2327809-6 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 9:23 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (SW6) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] alpha-BHC | ug/L | 0.01 | 0.02 | Not Detected | ≤0.02 | ≤0.02 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] alpha-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] beta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Chlordane | ug/L | 0.02 | 0.04 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] DDT | ug/L | 0.06 | 0.12 | Not Detected | ≤1 | ≤1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] delta-BHC | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-6 | | | | | | | |
| Sampled Date | Mar 15, 2023 9:23 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (SW6) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|--|------|------|-----------|--------------|---------------|---------------|--|------------------|
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Dieldrin | ug/L | 0.01 | 0.02 | Not Detected | ≤0.1 | ≤0.1 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan I | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan II | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endosulfan Sulfate | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin | ug/L | 0.01 | 0.02 | Not Detected | Not Detected | Not Detected | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Endrin aldehyde | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602070-1

Page 6 of 9

| Sample Number | 2327809-6 | | | | | | | |
|--|--|------|-----------|--------------|---------------|---------------|--|------------------|
| Sampled Date | Mar 15, 2023 9:23 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (SW6) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Endrin ketone | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] gamma-Chlordane | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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 | ≤0.2 | ≤0.2 | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Heptachlor-Epoxide | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| ^[A] Lindane (gamma-BHC) | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on 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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Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602070-1

Page 7 of 9

| | | | | | | | | |
|--------------------------------|--|--|--|--|--|--|--|--|
| Sample Number | 2327809-6 | | | | | | | |
| Sampled Date | Mar 15, 2023 9:23 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (SW6) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
|--|------|-------|-----------|--------------|---------------|---------------|--|------------------|
| Pesticides - Organochlorine Group | | | | | | | | |
| ^[A] Methoxychlor | ug/L | 0.01 | 0.02 | Not Detected | No Standard | No Standard | In-house method : STM 04-101 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 6630 D, part 6410 B | Bangkok |
| Water Testing | | | | | | | | |
| Ammonia Nitrogen * | mg/L | 0.02 | 0.05 | 0.37 | ≤0.5 | ≤0.5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NH3 (D) | Rayong |
| BOD (5 days at 20 Degree C) * | mg/L | - | 2.0 | <2.0 | ≤2 | ≤4 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B | Rayong |
| COD * | mg/L | - | 25 | <25 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D | Rayong |
| ^[A] Cyanide as CN | mg/L | 0.002 | 0.005 | Not Detected | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - CN (C, E) | Bangkok |
| Dissolved Oxygen * | mg/L | - | 0.1 | 6.6 | ≥4 | ≥2 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-O (C) | Rayong |
| Formaldehyde * | mg/L | 0.03 | 0.1 | Not Detected | No Standard | No Standard | Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004 | Rayong |
| Nitrate as N * | mg/L | 0.015 | 0.05 | 0.74 | ≤5 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-NO3 (E) | Rayong |

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Approved by

D. Changchon

Dej Changchon
Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602070-1

Page 8 of 9

| Sample Number | 2327809-6 | | | | | | | |
|--|--|--------|-----------|--------------|---------------|---------------|---|------------------|
| Sampled Date | Mar 15, 2023 9:23 AM | | | | | | | |
| Sample Description | Surface Water | | | | | | | |
| Location | ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (SW6) | | | | | | | |
| Date Analysis Commenced | Mar 15, 2023 | | | | | | | |
| Condition of Sample | Contained in two glass vials, three amber glass bottles, one BOD bottle and eight plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) | | | | | | | |
| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline (1) | Guideline (2) | Method | Testing Location |
| Water Testing | | | | | | | | |
| pH at 25 degree C | | - | - | 7.0 | 5.0-9.0 | 5.0-9.0 | In-house method : STM 02-005 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |
| Phenol * | mg/L | 0.0005 | 0.001 | Not Detected | ≤0.005 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5530 D | Rayong |
| Residual Free Chlorine * | mg/L | - | 0.1 | <0.1 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F) | Rayong |
| Sulfide * | mg/L | - | 0.5 | <0.5 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-S2 (C, F) | Rayong |
| Temperature * | Degree C | - | - | 26.7 | (c) | (c) | 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 | 114 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C | Rayong |
| Total Kjeldahl Nitrogen as N * | mg/L | - | 1.0 | 1.8 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C), part NH3 (D) | Rayong |
| Total Suspended Solids Dried at 103-105 degree C * | mg/L | - | 5 | 5 | No Standard | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Rayong |

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Dej Changchon
Senior Manager

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Analysis / Test Report

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0042

Lot ID: 2327809

Date Received : Mar 15, 2023

Date Reported : Mar 23, 2023

Report Number : 2602070-1

Page 9 of 9

Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act. B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457

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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Dej Changchon
Senior Manager

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327810

Date Received : Mar 16, 2023

Date Reported : Mar 23, 2023

Report Number : 2591535-1

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2327810-1 |
| Sampled Date | Mar 16, 2023 10:50 AM |
| Sample Description | Wastewater |
| Location | บ่อน้ำฝน |
| Date Analysis Commenced | Mar 16, 2023 |
| Condition of Sample | Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------------|------|-----|-----------|--------|---------------------------|---|------------------|
| Water Testing | | | | | | | |
| BOD (5 days at 20 Degree C) | mg/L | - | 2.0 | 3.2 | ≤20 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B | Rayong |
| COD | mg/L | 1.5 | 25 | 41 | ≤120 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D | Rayong |
| pH at 25 degree C * | | - | - | 6.6 | 5.5-9.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-7830

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.

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2327810

Date Received : Mar 16, 2023

Date Reported : Mar 23, 2023

Report Number : 2591535-2

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Page 1 of 3

| | |
|--------------------------------|---|
| Sample Number | 2327810-1 |
| Sampled Date | Mar 16, 2023 10:50 AM |
| Sample Description | Wastewater |
| Location | บ่อนกวนน้ำฝน |
| Date Analysis Commenced | Mar 17, 2023 |
| Condition of Sample | Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|---|------------------|
| Metals Testing | | | | | | | |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.003 | ≤0.25 | 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 | 0.04 | ≤1.0 | 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 | ≤0.03 | 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 | 0.002 | ≤2.0 | 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 | ≤0.25 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3500-Cr B | Bangkok |
| Lead | mg/L | 0.0003 | 0.0005 | 0.002 | ≤0.2 | 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 | 0.04 | ≤5.0 | 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 | ≤0.005 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3112 | Bangkok |

Technical Management

Savitree N.

Savitree Noisangiam

Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

Kanokkorn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2327810

Date Received : Mar 16, 2023

Date Reported : Mar 23, 2023

Report Number : 2591535-2

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Page 2 of 3

| | |
|--------------------------------|---|
| Sample Number | 2327810-1 |
| Sampled Date | Mar 16, 2023 10:50 AM |
| Sample Description | Wastewater |
| Location | บ่อนกวนน้ำฝน |
| Date Analysis Commenced | Mar 17, 2023 |
| Condition of Sample | Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|--|------|--------|-----------|--------------|---------------------------|---|------------------|
| Metals Testing | | | | | | | |
| Nickel | mg/L | 0.0003 | 0.0005 | 0.0007 | ≤1.0 | 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 | ≤0.02 | 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 | ≤0.75 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Zinc | mg/L | 0.003 | 0.005 | 0.04 | ≤5.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| Oil & Grease * | mg/L | - | 3 | <3 | ≤5 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 D | Bangkok |
| Total Kjeldahl Nitrogen as N * | mg/L | 0.15 | 1.0 | <1.0 | ≤100 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Norg (C) | Bangkok |
| Total Suspended Solids Dried at 103-105 degree C | mg/L | - | 5 | 12 | ≤50 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D | Bangkok |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchainaow ทะเบียนเลขที่ ว-323-จ-9457 , Samart Khumphlee ทะเบียนเลขที่ ว-204-จ-7830

Technical Management

Savitree N.

Savitree Noisangiam

Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

Kanokkorn Anek

Kanokkorn Anek

Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327810

Date Received : Mar 16, 2023

Date Reported : Mar 23, 2023

Report Number : 2591535-2

Page 3 of 3

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Sawitree N.

Sawitree Noisangiam
Manager

ทะเบียนเลขที่ ว-204-จ-4709

Approved by

Kanokkorn Anek

Kanokkorn Anek
Senior Manager

ทะเบียนเลขที่ ว-204-ค-6111

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Analysis / Test Report

TESTING

No.0009

Lot ID: 2327810

Date Received : Mar 16, 2023

Date Reported : Mar 23, 2023

Report Number : 2591535-3

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Page 1 of 1

| | |
|--------------------------------|---|
| Sample Number | 2327810-1 |
| Sampled Date | Mar 16, 2023 10:50 AM |
| Sample Description | Wastewater |
| Location | บ่อท่อน้ำฝน |
| Date Analysis Commenced | Mar 17, 2023 |
| Condition of Sample | Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|---|------------------|
| Metals Testing | | | | | | | |
| 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 |

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

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.

Approved by

Sawitree N.

Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 1 of 12

| | |
|--------------------------------|---|
| Sample Number | 2327811-1 |
| Sampled Date | Mar 30, 2023 2:17 PM |
| Sample Description | Underground Water |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศเหนือ (GW1) |
| Date Analysis Commenced | Mar 30, 2023 |
| Condition of Sample | Contained in two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|---|------------------|
| Metals Testing | | | | | | | |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.03 | ≤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 | 0.60 | 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 | 0.005 | ≤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 | 17.3 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Lead | mg/L | 0.0003 | 0.0005 | 0.13 | ≤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 | 2.15 | ≤0.5 | 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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Sawitree N.

Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 2 of 12

| | |
|--------------------------------|---|
| Sample Number | 2327811-1 |
| Sampled Date | Mar 30, 2023 2:17 PM |
| Sample Description | Underground Water |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศเหนือ (GW1) |
| Date Analysis Commenced | Mar 30, 2023 |
| Condition of Sample | Contained in two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| 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 | 0.007 | ≤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 | 0.0006 | ≤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 |
| 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 |
| Water Testing | | | | | | | |
| pH at 25 degree C * | | - | - | 6.5 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

Approved by

Sawitree N.

Sawitree Noisangiam
Manager

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Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 3 of 12

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.
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Sawitree N.

Sawitree Noisangiam
Manager

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Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 4 of 12

| | |
|--------------------------------|---|
| Sample Number | 2327811-2 |
| Sampled Date | Mar 30, 2023 10:42 AM |
| Sample Description | Underground Water |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศใต้ (GW2) |
| Date Analysis Commenced | Mar 30, 2023 |
| Condition of Sample | Contained in two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|---|------------------|
| Metals Testing | | | | | | | |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.02 | ≤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 | 0.30 | 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 | 0.002 | ≤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 | 7.77 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Lead | mg/L | 0.0003 | 0.0005 | 0.02 | ≤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 | 0.56 | ≤0.5 | 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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Sawitree N.

Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 5 of 12

| | |
|--------------------------------|---|
| Sample Number | 2327811-2 |
| Sampled Date | Mar 30, 2023 10:42 AM |
| Sample Description | Underground Water |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศใต้ (GW2) |
| Date Analysis Commenced | Mar 30, 2023 |
| Condition of Sample | Contained in two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| 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 | 0.001 | ≤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 |
| 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 |
| Water Testing | | | | | | | |
| pH at 25 degree C * | | - | - | 5.6 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

Approved by

Sawitree N.

Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 6 of 12

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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Sawitree Noisangiam
Manager

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Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 7 of 12

| | |
|--------------------------------|---|
| Sample Number | 2327811-3 |
| Sampled Date | Mar 30, 2023 2:25 PM |
| Sample Description | Underground Water |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันออก (GW3) |
| Date Analysis Commenced | Mar 30, 2023 |
| Condition of Sample | Contained in two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|---|------------------|
| Metals Testing | | | | | | | |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.02 | ≤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 | 0.19 | 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 | 2.26 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Lead | 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 |
| Manganese | mg/L | 0.0003 | 0.0005 | 0.74 | ≤0.5 | 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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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 8 of 12

| | |
|--------------------------------|---|
| Sample Number | 2327811-3 |
| Sampled Date | Mar 30, 2023 2:25 PM |
| Sample Description | Underground Water |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันออก (GW3) |
| Date Analysis Commenced | Mar 30, 2023 |
| Condition of Sample | Contained in two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| 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 |
| Zinc | mg/L | 0.003 | 0.005 | 0.007 | ≤5.0 | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Water Testing | | | | | | | |
| pH at 25 degree C * | | - | - | 6.7 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

Approved by

Sawitree N.

Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 9 of 12

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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Approved by

Sawitree N.

Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 10 of 12

| | |
|--------------------------------|---|
| Sample Number | 2327811-4 |
| Sampled Date | Mar 30, 2023 10:00 AM |
| Sample Description | Underground Water |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันตก (GW4) |
| Date Analysis Commenced | Mar 30, 2023 |
| Condition of Sample | Contained in two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|---|------------------|
| Metals Testing | | | | | | | |
| Arsenic | mg/L | 0.0003 | 0.0005 | 0.007 | ≤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 | 0.35 | 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 | 4.54 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 3125 B, 3030 F | Bangkok |
| Lead | 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 |
| Manganese | mg/L | 0.0003 | 0.0005 | 0.19 | ≤0.5 | 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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Sawitree N.

Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 11 of 12

| | |
|--------------------------------|---|
| Sample Number | 2327811-4 |
| Sampled Date | Mar 30, 2023 10:00 AM |
| Sample Description | Underground Water |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันตก (GW4) |
| Date Analysis Commenced | Mar 30, 2023 |
| Condition of Sample | Contained in two glass vials and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA) |

| Analyte | Unit | LOD | LOQ (LOR) | Result | Guideline / Specification | Method | Testing Location |
|-----------------------|------|--------|-----------|--------------|---------------------------|--|------------------|
| Metals Testing | | | | | | | |
| 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 | 0.006 | ≤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 | 0.001 | ≤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 |
| 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 |
| Water Testing | | | | | | | |
| pH at 25 degree C * | | - | - | 6.7 | No Standard | Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B) | Rayong |

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

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

Approved by

Sawitree N.

Sawitree Noisangiam
Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

TESTING

No.0009

Lot ID: 2327811

Date Received : Mar 30, 2023

Date Reported : Apr 04, 2023

Report Number : 2614212-1

Page 12 of 12

Remark :

- LOD : Limit of Detection
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ทรัพยากรชีวภาพทางน้ำ



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Rojana Industrial Park Public Co., Ltd.

Address : 2034/115 26TH FL. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok, Thailand, 10310

Project Name : Khao Khan Song

รายงานผลการวิเคราะห์แพลงก์ตอนพืช

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 15 มีนาคม 2566)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | | | |
|--|---|------------|-----------|-----------|-----------|-----------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 |
| Division Cyanophyta | | | | | | |
| Class Cyanophyceae | | | | | | |
| Order Chroococcales | | | | | | |
| Family Chroococcaceae | | | | | | |
| 1. <i>Chroococcus minutus</i> | 45,000 | - | - | - | - | - |
| 2. <i>Coelosphaerium kuetzingianum</i> | 5,134,000 | - | - | 1,068,000 | - | - |
| 3. <i>Merismopedia convoluta</i> | 634,000 | - | - | - | - | - |
| 4. <i>Merismopedia elegans</i> | 408,000 | - | - | - | - | - |
| Order Nostocales | | | | | | |
| Family Oscillatoriaceae | | | | | | |
| 5. <i>Lyngbya</i> sp. | 30,000 | 67,000 | - | - | - | - |
| 6. <i>Oscillatoria brevis</i> | - | - | - | 205,000 | - | 91,000 |
| 7. <i>Oscillatoria planctonica</i> | 4,077,000 | 84,550,000 | 119,000 | 142,000 | - | 100,000 |
| 8. <i>Oscillatoria princeps</i> | - | - | - | - | - | 58,000 |
| 9. <i>Oscillatoria</i> sp. | - | - | 37,000 | - | - | - |

ตาราง ผลการวิเคราะห์แฟล่งก์ตอนพืช (เก็บตัวอย่างวันที่ 15 มีนาคม 2566)

(ต่อ)

| ชนิดแฟล่งก์ตอนพืช | ปริมาณแฟล่งก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | | | |
|---|--|-----------|-----------|-----------|-----------|-----------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 |
| 10. <i>Oscillatoria tenuis</i> Family Nostocaceae | 257,000 | 19,000 | 220,000 | 187,000 | - | 125,000 |
| 11. <i>Anabaena azollae</i> Family Rivulariaceae | 15,000 | - | 55,000 | 18,000 | - | 8,000 |
| 12. <i>Calothrix</i> sp. | - | - | - | - | - | 17,000 |
| Division Chlorophyta | | | | | | |
| Class Chlorophyceae | | | | | | |
| Order Chlorococcales | | | | | | |
| Family Hydrodictyaceae | | | | | | |
| 13. <i>Pediastrum duplex</i> | - | - | 18,000 | - | - | - |
| 14. <i>Pediastrum</i> sp. | - | - | 27,000 | - | - | - |
| Family Coelastraceae | | | | | | |
| 15. <i>Coelastrum microporum</i> | - | - | - | - | - | 33,000 |
| Family Scenedesmaceae | | | | | | |
| 16. <i>Scenedesmus armatus</i> | - | - | 238,000 | 214,000 | - | - |
| 17. <i>Scenedesmus dimorphus</i> | - | - | - | 16,000 | - | 25,000 |
| 18. <i>Scenedesmus opoliensis</i> | - | 48,000 | 915,000 | 801,000 | - | - |
| 19. <i>Scenedesmus</i> sp. | - | - | 37,000 | - | - | - |
| Order Zygomatales | | | | | | |
| Family Zygnemataceae | | | | | | |
| 20. <i>Spirogyra</i> sp. | - | - | 55,000 | 71,000 | - | 299,000 |
| 21. <i>Spirogyra weberi</i> | - | - | 55,000 | - | - | 332,000 |
| Family Desmidiaceae | | | | | | |
| 22. <i>Closterium acerosum</i> | 181,000 | - | 64,000 | - | - | - |
| 23. <i>Closterium ehrenbergii</i> | 15,000 | 86,000 | 1,281,000 | 9,000 | - | 42,000 |
| 24. <i>Closterium ralfsii</i> | 277,000 | - | - | - | - | - |
| 25. <i>Cosmarium nudum</i> | - | - | 18,000 | 27,000 | - | 25,000 |

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 15 มีนาคม 2566)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | | | |
|------------------------------------|---|-----------|-----------|-----------|-----------|-----------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 |
| 26. <i>Pleurotaenium</i> sp. | - | - | 18,000 | - | - | - |
| 27. <i>Pleurotaenium trabecula</i> | - | - | 9,000 | - | - | - |
| Class Euglenophyceae | | | | | | |
| Order Euglenales | | | | | | |
| Family Euglenaceae | | | | | | |
| 28. <i>Euglena acus</i> | 1,057,000 | 4,370,000 | 9,000 | - | - | - |
| 29. <i>Euglena oxyuris</i> | 347,000 | - | - | - | - | 25,000 |
| 30. <i>Euglena</i> sp. | 664,000 | - | - | - | - | - |
| 31. <i>Euglena splendens</i> | 2,416,000 | 38,000 | 110,000 | 36,000 | - | 232,000 |
| 32. <i>Euglena viridis</i> | 1,359,000 | - | 146,000 | - | - | 8,000 |
| 33. <i>Lepocinclis ovum</i> | 35,636,000 | 76,000 | 403,000 | 979,000 | - | 108,000 |
| 34. <i>Phacus angulatus</i> | 604,000 | 10,000 | 27,000 | 427,000 | - | - |
| 35. <i>Phacus anomalus</i> | 317,000 | - | - | 62,000 | - | - |
| 36. <i>Phacus hamatus</i> | 423,000 | 48,000 | - | 36,000 | - | - |
| 37. <i>Phacus myersi</i> | 1,812,000 | - | - | 62,000 | - | 33,000 |
| 38. <i>Phacus pleuronectes</i> | - | - | - | - | - | 8,000 |
| 39. <i>Phacus</i> sp. | 2,718,000 | - | - | 80,000 | - | 83,000 |
| 40. <i>Phacus stokesii</i> | 9,664,000 | - | - | 142,000 | - | - |
| 41. <i>Phacus torta</i> | 106,000 | - | - | - | - | 8,000 |
| 42. <i>Strombomonas</i> sp. | - | - | - | 53,000 | - | - |
| 43. <i>Trachelomonas hispida</i> | 166,000 | 10,000 | 27,000 | 125,000 | - | 42,000 |
| 44. <i>Trachelomonas</i> sp. | 272,000 | 29,000 | - | 36,000 | - | - |

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 15 มีนาคม 2566)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | | | |
|------------------------------------|---|-----------|-----------|-----------|-----------|-----------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 |
| Division Chromophyta | | | | | | |
| Class Bacillariophyceae | | | | | | |
| Order Biddulphiales | | | | | | |
| Suborder Coscinodiscineae | | | | | | |
| Family Thalassiosiraceae | | | | | | |
| 45. <i>Cyclotella meneghiniana</i> | - | - | 18,000 | 27,000 | - | - |
| Family Aulacoseiraceae | | | | | | |
| 46. <i>Aulacoseira granulata</i> | - | - | 27,000 | - | - | - |
| Suborder Rhizosoleniineae | | | | | | |
| Family Chaetoceraceae | | | | | | |
| 47. <i>Bacteriastrum furcatum</i> | - | - | - | 9,000 | - | - |
| Order Bacillariales | | | | | | |
| Suborder Fragilariineae | | | | | | |
| Family Fragilariaceae | | | | | | |
| 48. <i>Fragilaria capucina</i> | - | 228,000 | 2,196,000 | 1,513,000 | - | 66,000 |
| 49. <i>Synedra ulna</i> | 45,000 | - | 183,000 | 534,000 | - | - |
| Family Licmophoriaceae | | | | | | |
| 50. <i>Licmophora</i> sp. | - | - | - | 18,000 | - | - |
| Suborder Bacillariineae | | | | | | |
| Family Eunotiaceae | | | | | | |
| 51. <i>Eunotia lineolata</i> | - | 29,000 | - | - | - | - |
| 52. <i>Eunotia pectinalis</i> | 45,000 | 10,000 | 37,000 | 27,000 | - | - |
| Family Achnantheaceae | | | | | | |
| 53. <i>Achnanthes</i> sp. | - | 19,000 | 18,000 | 18,000 | - | - |
| Family Cymbellaceae | | | | | | |
| 54. <i>Gomphonema parvulum</i> | 362,000 | - | 549,000 | 62,000 | - | - |

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 15 มีนาคม 2566)

(ต่อ)

| ชนิดแพลงก์ตอนพืช | ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร) | | | | | |
|--------------------------------------|---|-------------------|------------------|------------------|-----------|------------------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 |
| Family Naviculaceae | | | | | | |
| 55. <i>Gyrosigma attenuatum</i> | 30,000 | - | - | - | - | - |
| 56. <i>Hantzschia virgata</i> | - | 48,000 | 46,000 | 178,000 | - | - |
| 57. <i>Navicula cuspidata</i> | 287,000 | - | 73,000 | 18,000 | - | 8,000 |
| 58. <i>Navicula</i> sp. | - | 29,000 | 64,000 | - | - | 33,000 |
| 59. <i>Pinnularia gibba</i> | 121,000 | - | 137,000 | 45,000 | - | 199,000 |
| 60. <i>Pinnularia grunowii</i> | 30,000 | - | - | - | - | 166,000 |
| 61. <i>Pinnularia viridis</i> | 378,000 | - | - | - | - | 133,000 |
| Family Bacillariaceae | | | | | | |
| 62. <i>Bacillaria paxillifer</i> | - | - | 18,000 | 320,000 | - | - |
| 63. <i>Nitzschia reversa</i> | - | - | - | 9,000 | - | - |
| 64. <i>Tryblionella</i> sp. | - | - | - | 134,000 | - | - |
| Family Surirellaceae | | | | | | |
| 65. <i>Surirella elegans</i> | 60,000 | - | - | 45,000 | - | - |
| 66. <i>Surirella robusta</i> | - | - | - | 27,000 | - | 33,000 |
| 67. <i>Surirella tenera</i> | 76,000 | - | - | - | - | - |
| ชนิดแพลงก์ตอนพืช | 36 | 18 | 34 | 38 | - | 28 |
| ปริมาณแพลงก์ตอนพืช | 70,068,000 | 89,714,000 | 7,254,000 | 7,780,000 | - | 2,340,000 |
| ดัชนีความหลากหลายแพลงก์ตอนพืช | 1.9233 | 0.2661 | 2.4233 | 2.7582 | - | 2.8626 |
| ดัชนีความสม่ำเสมอแพลงก์ตอนพืช | 0.5367 | 0.0921 | 0.6872 | 0.7583 | - | 0.8591 |

Sample Location :

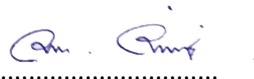
1. สถานี 2327812-1 : ลำรางสาธารณะก่อนจุดระบายน้ำทิ้งของโครงการ (Bio1)
2. สถานี 2327812-2 : ลำรางสาธารณะบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio2)
3. สถานี 2327812-3 : ห้วยพันเสด็จก่อนจุดบรรจบลำรางสาธารณะประมาณ 500 เมตร (Bio3)
4. สถานี 2327812-4 : ห้วยพันเสด็จจุดบรรจบลำรางสาธารณะ (Bio4)
5. สถานี 2327812-5 : ลำรางก่อนไหลผ่านพื้นที่โครงการ (Bio5)
(สภาพน้ำแห้งไม่สามารถเก็บตัวอย่างได้)
6. สถานี 2327812-6 : ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (Bio6)

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



(นางสาวกนกวรรณ ขาวต่อน)

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 : 2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok, Thailand, 10310

Project Name : Khao Khan Song

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 15 มีนาคม 2566)

| ชนิดแพลงก์ตอนสัตว์ | ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร) | | | | | |
|---------------------------------|---|-----------|-----------|-----------|-----------|-----------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 |
| Phylum Protozoa | | | | | | |
| Subphylum Plasmodroma | | | | | | |
| Class Sarcodina | | | | | | |
| Subclass Rhizopoda | | | | | | |
| Order Testacida | | | | | | |
| Family Arcellidae | | | | | | |
| 1. <i>Amoeba proteus</i> | - | 48,000 | 27,000 | - | - | - |
| 2. <i>Arcella</i> sp. | 91,000 | 10,000 | - | 18,000 | - | 8,000 |
| 3. <i>Arcella vulgaris</i> | 287,000 | 10,000 | - | 71,000 | - | 66,000 |
| Family Diffugiidae | | | | | | |
| 4. <i>Centropyxis aculeata</i> | 60,000 | - | - | - | - | 8,000 |
| Family Euglyphidae | | | | | | |
| 5. <i>Euglypha acanthophora</i> | - | - | - | 27,000 | - | 27,000 |
| 6. <i>Euglypha rotunda</i> | - | - | 27,000 | 18,000 | - | 8,000 |
| 7. <i>Euglypha</i> sp. | - | 19,000 | - | 9,000 | - | 17,000 |

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 15 มีนาคม 2566)

(ต่อ)

| ชนิดแพลงก์ตอนสัตว์ | ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร) | | | | | |
|--------------------------------------|---|-----------|-----------|-----------|-----------|-----------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 |
| Subphylum Ciliophora | | | | | | |
| Class Ciliata | | | | | | |
| Subclass Holotricha | | | | | | |
| Order Gymnostomatida | | | | | | |
| 8. <i>Coleps</i> sp. | - | - | 18,000 | - | - | 33,000 |
| 9. <i>Didinium</i> sp. | 181,000 | 29,000 | 101,000 | 45,000 | - | - |
| Order Hymenostomatida | | | | | | |
| 10. <i>Paramecium</i> sp. | 151,000 | 29,000 | - | - | - | - |
| Subclass Spirotricha | | | | | | |
| Order Tintinnida | | | | | | |
| Family Codonellidae | | | | | | |
| 11. <i>Tintinnopsis tocaninensis</i> | - | - | 9,000 | - | - | - |
| Order Hypotrichida | | | | | | |
| 12. <i>Euplotes</i> sp. | 196,000 | 10,000 | 55,000 | - | - | 17,000 |
| Phylum Rotifera | | | | | | |
| Class Monogononta | | | | | | |
| Order Ploima | | | | | | |
| Family Brachionidae | | | | | | |
| 13. <i>Anuraeopsis fissa</i> | 106,000 | - | - | - | - | - |
| 14. <i>Lepadella acuminata</i> | - | - | - | 9,000 | - | - |
| 15. <i>Platyias quadricornis</i> | - | - | 9,000 | - | - | - |
| Family Lecanidae | | | | | | |
| 16. <i>Lecane bulla</i> | - | - | - | 27,000 | - | - |
| 17. <i>Lecane inopinata</i> | - | - | - | 18,000 | - | - |
| 18. <i>Lecane pygmea</i> | - | - | - | 9,000 | - | - |
| 19. <i>Lecane</i> sp. | - | 10,000 | 9,000 | - | - | - |

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 15 มีนาคม 2566)

(ต่อ)

| ชนิดแพลงก์ตอนสัตว์ | ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร) | | | | | |
|------------------------------------|---|-----------|-----------|-----------|-----------|-----------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 |
| Family Notommatidae | | | | | | |
| 20. <i>Cephalodella gibba</i> | 45,000 | 10,000 | - | 9,000 | - | - |
| Family Tricercidae | | | | | | |
| 21. <i>Trichocerca</i> sp. | - | - | 18,000 | - | - | - |
| Family Asplanchnidae | | | | | | |
| 22. <i>Asplanchna priodonta</i> | - | 38,000 | 9,000 | - | - | - |
| Family Synchaetidae | | | | | | |
| 23. <i>Polyarthra dolichoptera</i> | 60,000 | - | - | - | - | - |
| 24. <i>Polyarthra vulgaris</i> | 76,000 | - | - | - | - | - |
| Order Flosculariaceae | | | | | | |
| Family Testudinellidae | | | | | | |
| 25. <i>Testudinella patina</i> | - | - | 9,000 | - | - | - |
| Class Digononta | | | | | | |
| Family Philodinidae | | | | | | |
| 26. <i>Rotaria rotatoria</i> | 15,000 | 10,000 | - | - | - | - |
| Phylum Arthropoda | | | | | | |
| Class Crustacea | | | | | | |
| Subclass Copepoda | | | | | | |
| 27. Copepod nauius | - | - | 37,000 | - | - | 25,000 |
| Order Cyclopoida | | | | | | |
| 28. Cyclopoid copepod | - | - | - | - | - | 8,000 |
| ชนิดแพลงก์ตอนสัตว์ | 11 | 11 | 12 | 11 | - | 10 |
| ปริมาณแพลงก์ตอนสัตว์ | 1,268,000 | 223,000 | 328,000 | 260,000 | - | 217,000 |
| ดัชนีความหลากหลายแพลงก์ตอนสัตว์ | 2.1811 | 2.2079 | 2.1313 | 2.1487 | - | 2.0424 |
| ดัชนีความสม่ำเสมอแพลงก์ตอนสัตว์ | 0.9096 | 0.9208 | 0.8577 | 0.8961 | - | 0.8870 |

- Sample Location :**
1. สถานี 2327812-1 : ลำรางสาธารณะก่อนจุดระบายน้ำทิ้งของโครงการ (Bio1)
 2. สถานี 2327812-2 : ลำรางสาธารณะบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio2)
 3. สถานี 2327812-3 : ห้วยพันเสด็จก่อนจุดบรรจบลำรางสาธารณะประมาณ 500 เมตร (Bio3)
 4. สถานี 2327812-4 : ห้วยพันเสด็จจุดบรรจบลำรางสาธารณะ (Bio4)
 5. สถานี 2327812-5 : ลำรางก่อนไหลผ่านพื้นที่โครงการ (Bio5)
(สภาพน้ำแห้งไม่สามารถเก็บตัวอย่างได้)
 6. สถานี 2327812-6 : ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (Bio6)

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



(นางสาวกนกวรรณ ขาวค่อน)
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 : 2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok, Thailand, 10310

Project Name : Khao Khan Song

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 15 มีนาคม 2566)

| ชนิดสัตว์น้ำ | ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร) | | | | | | ช่วงขนาด | น้ำหนักรวม |
|---|----------------------------------|-----------|-----------|-----------|-----------|-----------|------------|------------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 | (ซม.) | (กรัม) |
| Phylum Chordata | | | | | | | | |
| Class Actinopterygii | | | | | | | | |
| Order Anabantiformes | | | | | | | | |
| Family Osphronemidae | | | | | | | | |
| <i>Trichopodus trichopterus</i> (ปลากระดี่หม้อ) | 5 | - | 1 | 2 | - | 6 | 6.50-10.00 | 101.00 |

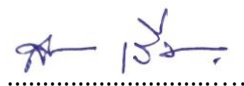
ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 15 มีนาคม 2566) (ต่อ)

| ชนิดสัตว์น้ำ | ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร) | | | | | | ช่วงขนาด | น้ำหนักรวม |
|--|----------------------------------|---------------|---------------|---------------|-----------|---------------|-------------------|---------------|
| | 2327812-1 | 2327812-2 | 2327812-3 | 2327812-4 | 2327812-5 | 2327812-6 | (ซม.) | (กรัม) |
| Order Cichliformes | | | | | | | | |
| Family Cichlidae | | | | | | | | |
| <i>Oreochromis niloticus</i> (ปลานิล) | - | - | 2 | 3 | - | 1 | 6.00-8.40 | 40.00 |
| Order Cypriniformes | | | | | | | | |
| Family Cyprinidae | | | | | | | | |
| <i>Esomus metallicus</i> (ปลาซิวหนวดขาว) | - | 1 | 4 | 2 | - | - | 6.10-7.10 | 16.00 |
| <i>Puntius brevis</i> (ปลาคะเพียนทราย) | 1 | 2 | 2 | 1 | - | - | 5.20-7.90 | 25.00 |
| <i>Rasbora paviana</i> (ปลาซิวควายแถบดำ) | - | - | 1 | - | - | 3 | 6.10-8.80 | 20.00 |
| Order Siluriformes | | | | | | | | |
| Family Clariidae | | | | | | | | |
| <i>Clarias macrocephalus</i> (ปลาดุกค้ำ) | - | 1 | - | - | - | - | 21.00 | 74.00 |
| ชนิดสัตว์น้ำ | 2 | 3 | 5 | 4 | - | 3 | 5.20-21.00 | 276.00 |
| ปริมาณสัตว์น้ำ | 6 | 4 | 10 | 8 | - | 10 | | |
| ดัชนีความหลากหลายสัตว์น้ำ | 0.4506 | 1.0397 | 1.4708 | 1.3209 | - | 0.8979 | | |

Sample Location :

1. สถานี 2327812-1 : ลำรางสาธารณะก่อนจุดระบายน้ำทิ้งของโครงการ (Bio1)
2. สถานี 2327812-2 : ลำรางสาธารณะบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio2)
3. สถานี 2327812-3 : ห้วยพันเสด็จก่อนจุดบรรจบลำรางสาธารณะประมาณ 500 เมตร (Bio3)
4. สถานี 2327812-4 : ห้วยพันเสด็จจุดบรรจบลำรางสาธารณะ (Bio4)
5. สถานี 2327812-5 : ลำรางก่อนไหลผ่านพื้นที่โครงการ (Bio5) (สภาพน้ำแห้งไม่สามารถเก็บตัวอย่างได้)
6. สถานี 2327812-6 : ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (Bio6)

Condition of Sample : fishing gear



(นายสารโรจน์ เรียมดำริห์)

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 : 2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang,
Bangkok, Thailand, 10310

Project Name : Khao Khan Song

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 15 มีนาคม 2566)

| ชนิดสัตว์หน้าดิน | ปริมาณสัตว์หน้าดิน (ตัว/ตารางเมตร) | | | | | |
|---------------------------------|------------------------------------|-----------|-----------|-----------|-----------|-----------|
| | 2327813-1 | 2327813-2 | 2327813-3 | 2327813-4 | 2327813-5 | 2327813-6 |
| Phylum Arthropoda | | | | | | |
| Class Insecta | | | | | | |
| Order Diptera | | | | | | |
| Family Chironomidae | | | | | | |
| <i>Chironomus</i> sp. (หนอนแดง) | - | 30 | 504 | 312 | - | 178 |
| Class Malacostraca | | | | | | |
| Order Decapoda | | | | | | |
| Family Gecarcinucidae | | | | | | |
| <i>Sayamia</i> sp. (ปูนา) | 15 | - | - | - | - | - |
| Phylum Mollusca | | | | | | |
| Class Gastropoda | | | | | | |
| Order Architenioglossa | | | | | | |
| Family Ampullariidae | | | | | | |
| <i>Pomacea</i> sp. (หอยเชอรี่) | 45 | - | - | - | - | - |

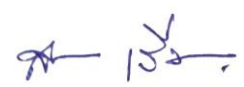
ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 15 มีนาคม 2566) (ต่อ)

| ชนิดสัตว์หน้าดิน | ปริมาณสัตว์หน้าดิน (ตัว/ตารางเมตร) | | | | | |
|----------------------------------|------------------------------------|---------------|---------------|---------------|-----------|---------------|
| | 2327813-1 | 2327813-2 | 2327813-3 | 2327813-4 | 2327813-5 | 2327813-6 |
| Family Viviparidae | | | | | | |
| <i>Filopaludina</i> sp. (หอยขม) | 15 | - | - | - | - | - |
| <i>Trochotaia</i> sp. (หอยเวียน) | 60 | - | - | - | - | - |
| รวมจำนวนสกุลที่พบทั้งหมด | 4 | 1 | 1 | 1 | - | 1 |
| รวมปริมาณที่พบทั้งหมด | 135 | 30 | 504 | 312 | - | 178 |
| ค่าดัชนีความหลากหลาย | 1.2149 | 0.0000 | 0.0000 | 0.0000 | - | 0.0000 |

Sample Location :

1. สถานี 2327813-1 : ลำรางสาธารณะก่อนจุดระบายน้ำทิ้งของโครงการ (Bio1)
2. สถานี 2327813-2 : ลำรางสาธารณะบริเวณจุดระบายน้ำทิ้งของโครงการ (Bio2)
3. สถานี 2327813-3 : ห้วยพันเสด็จก่อนจุดบรรจบลำรางสาธารณะประมาณ 500 เมตร (Bio3)
4. สถานี 2327813-4 : ห้วยพันเสด็จจุดบรรจบลำรางสาธารณะ (Bio4)
5. สถานี 2327813-5 : ลำรางก่อนไหลผ่านพื้นที่โครงการ (Bio5)
(สภาพน้ำแห้งไม่สามารถเก็บตัวอย่างได้)
6. สถานี 2327813-6 : ลำรางก่อนไหลผ่าน บริษัท จีเอฟพีที จำกัด (มหาชน) (Bio6)

Condition of Sample : contained in one plastic zip bag



(นายสาโรจน์ เร่มคำริห์)
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา

คุณภาพตะกอนดิน



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

Page 1 of 10

Sample Number 2327814-1
Sampled Date Mar 15, 2023 10:40 AM
Sample Description ตะกอนดิน
Location ล้างรางสาธารณะก่อนจุดระบายน้ำทิ้งของโครงการ (SD1)
Date Analysis Commenced Mar 17, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤10 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 41.1 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.16 | <0.16 | ≤0.16 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 4.75 | ≤21.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 7449 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 11.4 | ≤36 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 164 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤0.2 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 1.80 | ≤27.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | No Standard | 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 |

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

Nanthawadee Somboon
Specialist 1



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

Page 2 of 10

| Sample Number | 2327814-1 | | | | | | |
|--------------------------------|---|-----|-----------|--------|---------------------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:40 AM | | | | | | |
| Sample Description | ตะกอนดิน | | | | | | |
| Location | สำร่งสาธารณะก่อนจตุรรมายน้ำทั้งของโครงการ (SD1) | | | | | | |
| Date Analysis Commenced | Mar 17, 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 | | | | | | | |
| Zinc | mg/kg | - | 1.00 | 44.2 | ≤80 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Physical Parameters | | | | | | | |
| Moisture | % | - | 0.1 | 2.1 | 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 | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 6.9 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

Guideline : ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

Note : Analysis Results expressed on dry basis.

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

Remark :

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

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Nanthawadee Somboon
Specialist 1



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

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Sample Number 2327814-2
Sampled Date Mar 15, 2023 10:20 AM
Sample Description ตะกอนดิน
Location สำรองสารเคมีบริเวณจุดระบายน้ำทิ้งของโครงการ (SD2)
Date Analysis Commenced Mar 17, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤10 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 39.4 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.16 | <0.16 | ≤0.16 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 4.26 | ≤21.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 9432 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 8.13 | ≤36 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 124 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤0.2 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 1.20 | ≤27.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | No Standard | 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 |

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Specialist 1



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

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| Sample Number | 2327814-2 | | | | | | |
|--------------------------------|---|-----|-----------|--------|---------------------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:20 AM | | | | | | |
| Sample Description | ตะกอนดิน | | | | | | |
| Location | สำรagsาธารณะบริเวณจุดระบายน้ำทิ้งของโครงการ (SD2) | | | | | | |
| Date Analysis Commenced | Mar 17, 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 | | | | | | | |
| Zinc | mg/kg | - | 1.00 | 50.8 | ≤80 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Physical Parameters | | | | | | | |
| Moisture | % | - | 0.1 | 0.8 | 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 | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 7.4 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

Guideline : ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

Note : Analysis Results expressed on dry basis.

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

Remark :

- LOD : Limit of Detection
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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

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| | |
|--------------------------------|---|
| Sample Number | 2327814-3 |
| Sampled Date | Mar 15, 2023 10:05 AM |
| Sample Description | ตะกอนดิน |
| Location | ห้วยพันเสด็จก่อนจุดบรรจบรางสาธารณะประมาณ 500 เมตร (SD3) |
| Date Analysis Commenced | Mar 17, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤10 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 29.1 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.16 | <0.16 | ≤0.16 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 1.98 | ≤21.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 1258 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 3.09 | ≤36 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 518 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤0.2 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 13.8 | ≤27.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | No Standard | 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 |

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Analysis / Test Report

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

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| Sample Number | 2327814-3 | | | | | | |
|--------------------------------|---|-----|-----------|--------|---------------------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:05 AM | | | | | | |
| Sample Description | ตะกอนดิน | | | | | | |
| Location | ห้วยพันเสด็จก่อนจุดบรรจบรางสาธารณะประมาณ 500 เมตร (SD3) | | | | | | |
| Date Analysis Commenced | Mar 17, 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 | | | | | | | |
| Zinc | mg/kg | - | 1.00 | 4.69 | ≤80 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Physical Parameters | | | | | | | |
| Moisture | % | - | 0.1 | 1.6 | 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 | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 7.2 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

Guideline : ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

Note : Analysis Results expressed on dry basis.

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

Remark :

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

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Analysis / Test Report

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

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| | |
|--------------------------------|---|
| Sample Number | 2327814-4 |
| Sampled Date | Mar 15, 2023 10:25 AM |
| Sample Description | ตะกอนดิน |
| Location | ห้วยพันเสด็จจตุรบรรจบรางสาธารณะ (SD4) |
| Date Analysis Commenced | Mar 17, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤10 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 25.7 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.16 | <0.16 | ≤0.16 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 1.79 | ≤21.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 1082 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 3.57 | ≤36 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 483 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤0.2 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 9.23 | ≤27.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | No Standard | 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 |

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Analysis / Test Report

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

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| Sample Number | 2327814-4 | | | | | | |
|--------------------------------|---|-----|-----------|--------|---------------------------|--|------------------|
| Sampled Date | Mar 15, 2023 10:25 AM | | | | | | |
| Sample Description | ตะกอนดิน | | | | | | |
| Location | ห้วยพันเสด็จจذبรวบรวมสาธารณะ (SD4) | | | | | | |
| Date Analysis Commenced | Mar 17, 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 | | | | | | | |
| Zinc | mg/kg | - | 1.00 | 4.35 | ≤80 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Physical Parameters | | | | | | | |
| Moisture | % | - | 0.1 | 2.0 | 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 | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 7.2 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

Guideline : ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์หน้าดิน

Note : Analysis Results expressed on dry basis.

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

Remark :

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Analysis / Test Report

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

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| | |
|--------------------------------|---|
| Sample Number | 2327814-6 |
| Sampled Date | Mar 15, 2023 9:23 AM |
| Sample Description | ตะกอนดิน |
| Location | ลำรางก่อนไหลผ่าน บริษัท รีโอพีที จำกัด (มหาชน) (SD6) |
| Date Analysis Commenced | Mar 17, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤10 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Barium | mg/kg | - | 1.00 | 162 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.16 | <0.16 | ≤0.16 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 12.9 | ≤21.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 19133 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 34.9 | ≤36 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 633 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤0.2 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 3.95 | ≤27.5 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | No Standard | 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 |

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Analysis / Test Report

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2327814

Date Received : Mar 15, 2023

Date Reported : Mar 24, 2023

Report Number : 2591539-1

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| Sample Number | 2327814-6 | | | | | | |
|--------------------------------|---|-----|-----------|--------|---------------------------|--|------------------|
| Sampled Date | Mar 15, 2023 9:23 AM | | | | | | |
| Sample Description | ตะกอนดิน | | | | | | |
| Location | สำรวจก่อนไหลผ่าน บริษัท รีโอพีที จำกัด (มหาชน) (SD6) | | | | | | |
| Date Analysis Commenced | Mar 17, 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 | | | | | | | |
| Zinc | mg/kg | - | 1.00 | 79.8 | ≤80 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Physical Parameters | | | | | | | |
| Moisture | % | - | 0.1 | 60.8 | 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 | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 6.6 | No Standard | United States Environmental Protection Agency, EPA Method 9045 D | Bangkok |

Guideline : ประกาศกรมควบคุมมลพิษ เรื่อง เกณฑ์คุณภาพตะกอนดินในแหล่งน้ำผิวดินเพื่อคุ้มครองสัตว์น้ำดิน

Note : Analysis Results expressed on dry basis.

Sampling By : Wanlop Hunchainaow , Samart Khumphlee

Remark :

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

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Specialist 1

คุณภาพดิน



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

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| | |
|--------------------------------|---|
| Sample Number | 2328497-1 |
| Sampled Date | Mar 30, 2023 1:50 PM |
| Sample Description | Soil ที่ระดับความลึก 5 ซม. |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศเหนือ (S1) |
| Date Analysis Commenced | Mar 31, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤25 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.12 | ≤762 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 2.00 | ≤35040 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤212 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 6425 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 7.11 | ≤800 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 129 | ≤19640 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤263 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 1.41 | ≤5205 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤4380 | 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 |
| Zinc | mg/kg | - | 1.00 | 5.58 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |

Soil Testing

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Sawitree N.

Sawitree Noisangiam
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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 2 of 16

Sample Number 2328497-1
Sampled Date Mar 30, 2023 1:50 PM
Sample Description Soil ที่ระดับความลึก 5 ซม.
Location พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศเหนือ (S1)
Date Analysis Commenced Mar 31, 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 |
|----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Soil Testing | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 5.8 | 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 2: Soil usage for commercial, agricultural and others.

Note : Analysis Results expressed on dry basis.

Sampling By : Samart Khumphlee

Remark :

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

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 3 of 16

Sample Number 2328497-2
Sampled Date Mar 30, 2023 10:35 AM
Sample Description Soil ที่ระดับความลึก 5 ซม.
Location พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศใต้ (S2)
Date Analysis Commenced Mar 31, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤25 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.12 | ≤762 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 1.31 | ≤35040 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤212 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 6185 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 37.1 | ≤800 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 51.0 | ≤19640 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤263 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | <1.00 | ≤5205 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤4380 | 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 |
| Zinc | mg/kg | - | 1.00 | 1.68 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |

Soil Testing

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Sawitree Noisangiam
Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

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| | |
|--------------------------------|---|
| Sample Number | 2328497-2 |
| Sampled Date | Mar 30, 2023 10:35 AM |
| Sample Description | Soil ที่ระดับความลึก 5 ซม. |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศใต้ (S2) |
| Date Analysis Commenced | Mar 31, 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 |
|----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Soil Testing | | | | | | | |
| 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 2: Soil usage for commercial, agricultural and others.

Note : Analysis Results expressed on dry basis.

Sampling By : Samart Khumphlee

Remark :

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Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 5 of 16

Sample Number 2328497-3
Sampled Date Mar 30, 2023 11:00 AM
Sample Description Soil ที่ระดับความลึก 5 ซม.
Location พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันออก (S3)
Date Analysis Commenced Mar 31, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤25 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.12 | ≤762 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | <1.00 | ≤35040 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤212 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 2744 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 8.49 | ≤800 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 21.5 | ≤19640 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤263 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | <1.00 | ≤5205 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤4380 | 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 |
| Zinc | mg/kg | - | 1.00 | <1.00 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |

Soil Testing

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

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| | |
|--------------------------------|---|
| Sample Number | 2328497-3 |
| Sampled Date | Mar 30, 2023 11:00 AM |
| Sample Description | Soil ที่ระดับความลึก 5 ซม. |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันออก (S3) |
| Date Analysis Commenced | Mar 31, 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 |
|----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Soil Testing | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 6.3 | 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 2: Soil usage for commercial, agricultural and others.

Note : Analysis Results expressed on dry basis.

Sampling By : Samart Khumphlee

Remark :

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

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Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 7 of 16

Sample Number 2328497-4
Sampled Date Mar 30, 2023 9:45 AM
Sample Description Soil ที่ระดับความลึก 5 ซม.
Location พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันตก (S4)
Date Analysis Commenced Mar 31, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤25 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.12 | ≤762 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 1.99 | ≤35040 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤212 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 8248 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 31.5 | ≤800 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 1076 | ≤19640 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤263 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 1.53 | ≤5205 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤4380 | 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 |
| Zinc | mg/kg | - | 1.00 | 3.81 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |

Soil Testing

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Analysis / Test Report

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

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| | |
|--------------------------------|---|
| Sample Number | 2328497-4 |
| Sampled Date | Mar 30, 2023 9:45 AM |
| Sample Description | Soil ที่ระดับความลึก 5 ซม. |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันตก (S4) |
| Date Analysis Commenced | Mar 31, 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 |
|----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Soil Testing | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 4.6 | 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 2: Soil usage for commercial, agricultural and others.

Note : Analysis Results expressed on dry basis.

Sampling By : Samart Khumphlee

Remark :

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

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Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 9 of 16

Sample Number 2328497-5
Sampled Date Mar 30, 2023 1:55 PM
Sample Description Soil ที่ระดับความลึก 30 ซม.
Location พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศเหนือ (S1)
Date Analysis Commenced Mar 31, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤25 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.12 | ≤762 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 1.86 | ≤35040 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤212 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 5352 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 7.66 | ≤800 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 161 | ≤19640 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤263 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 27.7 | ≤5205 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤4380 | 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 |
| Zinc | mg/kg | - | 1.00 | 3.13 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |

Soil Testing

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Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

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| | |
|--------------------------------|---|
| Sample Number | 2328497-5 |
| Sampled Date | Mar 30, 2023 1:55 PM |
| Sample Description | Soil ที่ระดับความลึก 30 ซม. |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศเหนือ (S1) |
| Date Analysis Commenced | Mar 31, 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 |
|----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Soil Testing | | | | | | | |
| 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 2: Soil usage for commercial, agricultural and others.

Note : Analysis Results expressed on dry basis.

Sampling By : Samart Khumphlee

Remark :

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Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 11 of 16

Sample Number 2328497-6
Sampled Date Mar 30, 2023 10:40 AM
Sample Description Soil ที่ระดับความลึก 30 ซม.
Location พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศใต้ (S2)
Date Analysis Commenced Mar 31, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤25 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.12 | ≤762 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 1.42 | ≤35040 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤212 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 9387 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 8.00 | ≤800 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 146 | ≤19640 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤263 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 20.7 | ≤5205 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤4380 | 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 |
| Zinc | mg/kg | - | 1.00 | 2.32 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |

Soil Testing

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Approved by

Sawitree N.

Sawitree Noisangiam
Manager

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 12 of 16

| | |
|--------------------------------|---|
| Sample Number | 2328497-6 |
| Sampled Date | Mar 30, 2023 10:40 AM |
| Sample Description | Soil ที่ระดับความลึก 30 ซม. |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศใต้ (S2) |
| Date Analysis Commenced | Mar 31, 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 |
|----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Soil Testing | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 6.8 | 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 2: Soil usage for commercial, agricultural and others.

Note : Analysis Results expressed on dry basis.

Sampling By : Samart Khumphlee

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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 13 of 16

| | |
|--------------------------------|---|
| Sample Number | 2328497-7 |
| Sampled Date | Mar 30, 2023 11:10 AM |
| Sample Description | Soil ที่ระดับความลึก 30 ซม. |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันออก (S3) |
| Date Analysis Commenced | Mar 31, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤25 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.12 | ≤762 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | <1.00 | ≤35040 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤212 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 3298 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 6.81 | ≤800 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 13.7 | ≤19640 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤263 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 5.55 | ≤5205 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤4380 | 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 |
| Zinc | mg/kg | - | 1.00 | 1.23 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |

Soil Testing

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Approved by

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Sawitree Noisangiam
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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 14 of 16

| | |
|--------------------------------|---|
| Sample Number | 2328497-7 |
| Sampled Date | Mar 30, 2023 11:10 AM |
| Sample Description | Soil ที่ระดับความลึก 30 ซม. |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันออก (S3) |
| Date Analysis Commenced | Mar 31, 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 |
|----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Soil Testing | | | | | | | |
| 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 2: Soil usage for commercial, agricultural and others.

Note : Analysis Results expressed on dry basis.

Sampling By : Samart Khumphlee

Remark :

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

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 15 of 16

Sample Number 2328497-8
Sampled Date Mar 30, 2023 9:50 AM
Sample Description Soil ที่ระดับความลึก 30 ซม.
Location พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันตก (S4)
Date Analysis Commenced Mar 31, 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 | | | | | | | |
| Arsenic | mg/kg | - | 0.50 | <0.50 | ≤25 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Cadmium | mg/kg | - | 0.50 | <0.12 | ≤762 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Copper | mg/kg | - | 1.00 | 2.66 | ≤35040 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Hexavalent Chromium | mg/kg | - | 1.00 | <1.00 | ≤212 | United States Environmental Protection Agency, EPA Method 3060A and 7196A | Bangkok |
| Iron | mg/kg | - | 1.00 | 13979 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Lead | mg/kg | - | 1.00 | 63.9 | ≤800 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Manganese | mg/kg | - | 1.00 | 475 | ≤19640 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Mercury | mg/kg | - | 0.10 | <0.10 | ≤263 | United States Environmental Protection Agency, EPA Method 7473 | Bangkok |
| Nickel | mg/kg | - | 1.00 | 61.7 | ≤5205 | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |
| Selenium | mg/kg | - | 0.50 | <0.50 | ≤4380 | 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 |
| Zinc | mg/kg | - | 1.00 | 4.53 | No Standard | United States Environmental Protection Agency, EPA Method 3050B and 6010D | Bangkok |

Soil Testing

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Approved by

Sawitree N.

Sawitree Noisangiam
Manager



Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2328497

Date Received : Mar 30, 2023

Date Reported : Apr 18, 2023

Report Number : 2592813-1

Page 16 of 16

| | |
|--------------------------------|---|
| Sample Number | 2328497-8 |
| Sampled Date | Mar 30, 2023 9:50 AM |
| Sample Description | Soil ที่ระดับความลึก 30 ซม. |
| Location | พื้นที่สีเขียวในแนวกันชนของโครงการด้านทิศตะวันตก (S4) |
| Date Analysis Commenced | Mar 31, 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 |
|----------------------------|------|-----|-----------|--------|---------------------------|--|------------------|
| Soil Testing | | | | | | | |
| pH aqueous phase 50% (w/v) | | - | - | 4.6 | 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 2: Soil usage for commercial, agricultural and others.

Note : Analysis Results expressed on dry basis.

Sampling By : Samart Khumphlee

Remark :

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

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ระดับเสียง



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671746-1

Page 1 of 1

Sample Number 2351980-1
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 23 - May 24, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734223

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 51.0 | 79.0 | 45.4 |
| 12:00 PM - 01:00 PM | 55.7 | 89.5 | 46.2 |
| 01:00 PM - 02:00 PM | 55.7 | 88.9 | 45.9 |
| 02:00 PM - 03:00 PM | 52.9 | 78.0 | 44.2 |
| 03:00 PM - 04:00 PM | 48.6 | 72.9 | 43.3 |
| 04:00 PM - 05:00 PM | 58.2 | 87.1 | 44.1 |
| 05:00 PM - 06:00 PM | 58.8 | 84.1 | 43.0 |
| 06:00 PM - 07:00 PM | 47.9 | 73.6 | 42.5 |
| 07:00 PM - 08:00 PM | 53.6 | 83.2 | 42.5 |
| 08:00 PM - 09:00 PM | 46.5 | 68.5 | 41.4 |
| 09:00 PM - 10:00 PM | 45.5 | 65.6 | 39.5 |
| 10:00 PM - 11:00 PM | 45.9 | 58.1 | 41.1 |
| 11:00 PM - 12:00 AM | 51.5 | 77.0 | 40.5 |
| 12:00 AM - 01:00 AM | 55.3 | 78.9 | 42.3 |
| 01:00 AM - 02:00 AM | 55.1 | 78.2 | 44.7 |
| 02:00 AM - 03:00 AM | 54.4 | 78.6 | 47.6 |
| 03:00 AM - 04:00 AM | 59.9 | 84.4 | 47.7 |
| 04:00 AM - 05:00 AM | 57.5 | 81.5 | 46.4 |
| 05:00 AM - 06:00 AM | 58.2 | 82.8 | 46.3 |
| 06:00 AM - 07:00 AM | 56.8 | 84.7 | 49.8 |
| 07:00 AM - 08:00 AM | 53.8 | 79.5 | 49.7 |
| 08:00 AM - 09:00 AM | 51.3 | 81.2 | 45.3 |
| 09:00 AM - 10:00 AM | 52.2 | 73.9 | 44.9 |
| 10:00 AM - 11:00 AM | 60.0 | 87.1 | 44.9 |

Leq Average 24 hrs. (dB(A)) 55.4
Lmax (dB(A)) 89.5
L90 (dB(A)) 44.7
Ldn (dB(A)) 62.5
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671747-1

Page 1 of 1

Sample Number 2351980-2
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 24 - May 25, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734223

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 52.8 | 80.1 | 45.8 |
| 12:00 PM - 01:00 PM | 51.7 | 80.4 | 45.7 |
| 01:00 PM - 02:00 PM | 54.5 | 81.9 | 46.1 |
| 02:00 PM - 03:00 PM | 53.5 | 82.9 | 44.9 |
| 03:00 PM - 04:00 PM | 57.8 | 86.3 | 45.0 |
| 04:00 PM - 05:00 PM | 48.9 | 72.0 | 43.9 |
| 05:00 PM - 06:00 PM | 48.7 | 75.3 | 43.6 |
| 06:00 PM - 07:00 PM | 47.2 | 60.4 | 44.9 |
| 07:00 PM - 08:00 PM | 47.8 | 62.5 | 44.8 |
| 08:00 PM - 09:00 PM | 48.3 | 63.8 | 44.4 |
| 09:00 PM - 10:00 PM | 51.8 | 62.0 | 47.3 |
| 10:00 PM - 11:00 PM | 51.0 | 75.6 | 44.2 |
| 11:00 PM - 12:00 AM | 51.7 | 74.6 | 44.9 |
| 12:00 AM - 01:00 AM | 53.9 | 75.4 | 42.8 |
| 01:00 AM - 02:00 AM | 61.3 | 89.3 | 44.7 |
| 02:00 AM - 03:00 AM | 58.5 | 85.0 | 48.9 |
| 03:00 AM - 04:00 AM | 58.8 | 84.0 | 48.5 |
| 04:00 AM - 05:00 AM | 54.7 | 80.9 | 47.3 |
| 05:00 AM - 06:00 AM | 56.2 | 83.8 | 48.5 |
| 06:00 AM - 07:00 AM | 57.8 | 82.2 | 47.5 |
| 07:00 AM - 08:00 AM | 54.5 | 74.2 | 45.8 |
| 08:00 AM - 09:00 AM | 51.6 | 72.3 | 42.3 |
| 09:00 AM - 10:00 AM | 50.6 | 70.4 | 46.1 |
| 10:00 AM - 11:00 AM | 50.9 | 73.4 | 45.2 |

Leq Average 24 hrs. (dB(A)) 54.8
Lmax (dB(A)) 89.3
L90 (dB(A)) 45.0
Ldn (dB(A)) 63.1
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671748-1

Page 1 of 1

Sample Number 2351980-3
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 25 - May 26, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734223

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 52.6 | 81.3 | 45.1 |
| 12:00 PM - 01:00 PM | 54.0 | 75.2 | 46.8 |
| 01:00 PM - 02:00 PM | 54.6 | 81.2 | 47.0 |
| 02:00 PM - 03:00 PM | 60.1 | 95.6 | 44.6 |
| 03:00 PM - 04:00 PM | 48.2 | 68.9 | 43.6 |
| 04:00 PM - 05:00 PM | 47.4 | 65.3 | 43.1 |
| 05:00 PM - 06:00 PM | 56.1 | 87.3 | 42.6 |
| 06:00 PM - 07:00 PM | 45.4 | 68.2 | 42.5 |
| 07:00 PM - 08:00 PM | 47.4 | 74.1 | 42.5 |
| 08:00 PM - 09:00 PM | 46.2 | 70.5 | 42.9 |
| 09:00 PM - 10:00 PM | 48.2 | 75.0 | 43.1 |
| 10:00 PM - 11:00 PM | 50.0 | 78.1 | 45.3 |
| 11:00 PM - 12:00 AM | 48.7 | 73.0 | 40.5 |
| 12:00 AM - 01:00 AM | 53.9 | 76.8 | 39.8 |
| 01:00 AM - 02:00 AM | 56.8 | 86.4 | 44.4 |
| 02:00 AM - 03:00 AM | 55.6 | 85.1 | 46.4 |
| 03:00 AM - 04:00 AM | 54.4 | 81.6 | 45.6 |
| 04:00 AM - 05:00 AM | 52.0 | 73.5 | 45.1 |
| 05:00 AM - 06:00 AM | 53.3 | 70.1 | 49.5 |
| 06:00 AM - 07:00 AM | 54.0 | 79.6 | 49.9 |
| 07:00 AM - 08:00 AM | 55.3 | 90.5 | 49.6 |
| 08:00 AM - 09:00 AM | 55.2 | 96.1 | 44.3 |
| 09:00 AM - 10:00 AM | 53.5 | 71.0 | 50.5 |
| 10:00 AM - 11:00 AM | 54.9 | 75.4 | 50.6 |

Leq Average 24 hrs. (dB(A)) 53.9
Lmax (dB(A)) 96.1
L90 (dB(A)) 44.6
Ldn (dB(A)) 60.2
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671749-1

Page 1 of 1

Sample Number 2351980-4
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 26 - May 27, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734223

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 54.4 | 74.6 | 50.0 |
| 12:00 PM - 01:00 PM | 53.5 | 78.8 | 46.2 |
| 01:00 PM - 02:00 PM | 53.3 | 71.8 | 47.6 |
| 02:00 PM - 03:00 PM | 58.0 | 83.5 | 46.9 |
| 03:00 PM - 04:00 PM | 54.5 | 80.6 | 48.7 |
| 04:00 PM - 05:00 PM | 48.1 | 75.0 | 43.7 |
| 05:00 PM - 06:00 PM | 51.7 | 81.4 | 43.3 |
| 06:00 PM - 07:00 PM | 60.4 | 84.1 | 42.2 |
| 07:00 PM - 08:00 PM | 53.0 | 78.3 | 41.7 |
| 08:00 PM - 09:00 PM | 54.7 | 85.8 | 40.4 |
| 09:00 PM - 10:00 PM | 46.6 | 68.7 | 41.5 |
| 10:00 PM - 11:00 PM | 47.6 | 74.0 | 40.8 |
| 11:00 PM - 12:00 AM | 47.2 | 74.0 | 40.2 |
| 12:00 AM - 01:00 AM | 52.9 | 75.6 | 38.8 |
| 01:00 AM - 02:00 AM | 55.2 | 81.6 | 43.3 |
| 02:00 AM - 03:00 AM | 53.0 | 72.6 | 45.8 |
| 03:00 AM - 04:00 AM | 55.2 | 81.4 | 47.2 |
| 04:00 AM - 05:00 AM | 53.2 | 77.3 | 47.3 |
| 05:00 AM - 06:00 AM | 56.7 | 90.8 | 52.3 |
| 06:00 AM - 07:00 AM | 55.4 | 75.8 | 51.6 |
| 07:00 AM - 08:00 AM | 57.2 | 91.3 | 49.9 |
| 08:00 AM - 09:00 AM | 55.1 | 82.8 | 46.0 |
| 09:00 AM - 10:00 AM | 54.9 | 87.2 | 50.2 |
| 10:00 AM - 11:00 AM | 52.7 | 81.3 | 48.0 |

Leq Average 24 hrs. (dB(A)) 54.7
Lmax (dB(A)) 91.3
L90 (dB(A)) 46.0
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671750-1

Page 1 of 1

Sample Number : 2351980-5
Parameter : Noise (Leq 24 hrs.)
Location : บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date : May 27 - May 28, 2023
Measurement by : Jakkarin Manwicha
Sound Level meter : Serial No. 734223

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 53.8 | 78.6 | 46.9 |
| 12:00 PM - 01:00 PM | 57.1 | 77.4 | 46.1 |
| 01:00 PM - 02:00 PM | 51.8 | 77.2 | 44.8 |
| 02:00 PM - 03:00 PM | 52.4 | 80.5 | 44.0 |
| 03:00 PM - 04:00 PM | 47.7 | 72.8 | 42.6 |
| 04:00 PM - 05:00 PM | 59.9 | 87.6 | 42.1 |
| 05:00 PM - 06:00 PM | 50.1 | 80.4 | 41.4 |
| 06:00 PM - 07:00 PM | 42.3 | 62.6 | 39.8 |
| 07:00 PM - 08:00 PM | 49.5 | 79.2 | 39.2 |
| 08:00 PM - 09:00 PM | 42.1 | 66.6 | 39.0 |
| 09:00 PM - 10:00 PM | 55.4 | 85.1 | 39.0 |
| 10:00 PM - 11:00 PM | 42.3 | 61.3 | 40.6 |
| 11:00 PM - 12:00 AM | 51.1 | 78.1 | 38.1 |
| 12:00 AM - 01:00 AM | 60.1 | 88.7 | 47.8 |
| 01:00 AM - 02:00 AM | 57.5 | 78.5 | 52.0 |
| 02:00 AM - 03:00 AM | 53.6 | 76.4 | 47.7 |
| 03:00 AM - 04:00 AM | 52.4 | 74.0 | 47.5 |
| 04:00 AM - 05:00 AM | 57.7 | 84.0 | 47.2 |
| 05:00 AM - 06:00 AM | 59.8 | 91.2 | 46.3 |
| 06:00 AM - 07:00 AM | 53.5 | 79.5 | 44.9 |
| 07:00 AM - 08:00 AM | 57.4 | 84.9 | 42.5 |
| 08:00 AM - 09:00 AM | 58.3 | 76.6 | 46.6 |
| 09:00 AM - 10:00 AM | 54.6 | 83.1 | 50.5 |
| 10:00 AM - 11:00 AM | 53.1 | 75.3 | 49.2 |

Leq Average 24 hrs. (dB(A)) : 55.4
Lmax (dB(A)) : 91.2
L90 (dB(A)) : 44.8
Ldn (dB(A)) : 62.6
Standard (dB(A)) : 70

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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Suppt S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671751-1

Page 1 of 1

Sample Number 2351980-6
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 28 - May 29, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734223

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 53.6 | 72.1 | 47.7 |
| 12:00 PM - 01:00 PM | 57.4 | 92.1 | 44.7 |
| 01:00 PM - 02:00 PM | 54.1 | 81.5 | 41.4 |
| 02:00 PM - 03:00 PM | 54.4 | 85.1 | 43.7 |
| 03:00 PM - 04:00 PM | 50.3 | 78.0 | 43.8 |
| 04:00 PM - 05:00 PM | 56.1 | 81.0 | 50.9 |
| 05:00 PM - 06:00 PM | 58.7 | 83.1 | 51.1 |
| 06:00 PM - 07:00 PM | 50.6 | 62.2 | 45.8 |
| 07:00 PM - 08:00 PM | 50.8 | 64.0 | 45.9 |
| 08:00 PM - 09:00 PM | 53.3 | 67.3 | 48.3 |
| 09:00 PM - 10:00 PM | 52.2 | 61.5 | 47.3 |
| 10:00 PM - 11:00 PM | 52.4 | 68.8 | 46.8 |
| 11:00 PM - 12:00 AM | 51.9 | 71.8 | 48.4 |
| 12:00 AM - 01:00 AM | 50.8 | 72.9 | 40.6 |
| 01:00 AM - 02:00 AM | 57.0 | 82.9 | 43.8 |
| 02:00 AM - 03:00 AM | 54.4 | 81.4 | 46.9 |
| 03:00 AM - 04:00 AM | 55.9 | 78.8 | 47.2 |
| 04:00 AM - 05:00 AM | 52.7 | 76.2 | 45.9 |
| 05:00 AM - 06:00 AM | 54.8 | 82.4 | 46.2 |
| 06:00 AM - 07:00 AM | 53.0 | 74.3 | 48.2 |
| 07:00 AM - 08:00 AM | 52.7 | 78.6 | 47.7 |
| 08:00 AM - 09:00 AM | 58.6 | 88.0 | 44.1 |
| 09:00 AM - 10:00 AM | 56.9 | 85.9 | 47.3 |
| 10:00 AM - 11:00 AM | 55.4 | 80.9 | 48.2 |

Leq Average 24 hrs. (dB(A)) 54.8
Lmax (dB(A)) 92.1
L90 (dB(A)) 46.8
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671752-1

Page 1 of 1

Sample Number 2351980-7
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 29 - May 30, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734223

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 53.4 | 77.8 | 48.2 |
| 12:00 PM - 01:00 PM | 57.0 | 82.3 | 48.8 |
| 01:00 PM - 02:00 PM | 56.8 | 84.4 | 46.4 |
| 02:00 PM - 03:00 PM | 57.1 | 85.8 | 45.2 |
| 03:00 PM - 04:00 PM | 48.8 | 74.4 | 43.5 |
| 04:00 PM - 05:00 PM | 46.1 | 67.0 | 41.9 |
| 05:00 PM - 06:00 PM | 47.4 | 72.8 | 42.3 |
| 06:00 PM - 07:00 PM | 48.0 | 66.7 | 44.9 |
| 07:00 PM - 08:00 PM | 48.2 | 65.9 | 46.0 |
| 08:00 PM - 09:00 PM | 46.1 | 64.5 | 42.0 |
| 09:00 PM - 10:00 PM | 58.2 | 70.5 | 53.6 |
| 10:00 PM - 11:00 PM | 56.1 | 70.5 | 53.0 |
| 11:00 PM - 12:00 AM | 54.6 | 79.4 | 45.5 |
| 12:00 AM - 01:00 AM | 52.6 | 74.0 | 43.5 |
| 01:00 AM - 02:00 AM | 57.2 | 82.5 | 44.3 |
| 02:00 AM - 03:00 AM | 53.0 | 84.5 | 46.0 |
| 03:00 AM - 04:00 AM | 55.2 | 86.4 | 44.7 |
| 04:00 AM - 05:00 AM | 56.5 | 81.1 | 47.2 |
| 05:00 AM - 06:00 AM | 52.7 | 75.2 | 47.0 |
| 06:00 AM - 07:00 AM | 51.8 | 77.9 | 47.3 |
| 07:00 AM - 08:00 AM | 52.2 | 77.2 | 47.1 |
| 08:00 AM - 09:00 AM | 49.2 | 72.0 | 43.6 |
| 09:00 AM - 10:00 AM | 52.1 | 77.8 | 46.0 |
| 10:00 AM - 11:00 AM | 47.6 | 72.0 | 42.0 |

Leq Average 24 hrs. (dB(A)) 53.9
Lmax (dB(A)) 86.4
L90 (dB(A)) 45.5
Ldn (dB(A)) 61.0
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671753-1

Page 1 of 1

Sample Number 2351980-8
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 23 - May 24, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222723

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 48.6 | 69.6 | 42.9 |
| 03:00 PM - 04:00 PM | 46.7 | 64.9 | 43.9 |
| 04:00 PM - 05:00 PM | 48.0 | 68.8 | 43.8 |
| 05:00 PM - 06:00 PM | 47.3 | 67.8 | 44.0 |
| 06:00 PM - 07:00 PM | 50.4 | 73.2 | 46.4 |
| 07:00 PM - 08:00 PM | 53.4 | 76.4 | 48.0 |
| 08:00 PM - 09:00 PM | 52.7 | 75.6 | 47.5 |
| 09:00 PM - 10:00 PM | 53.1 | 85.8 | 44.3 |
| 10:00 PM - 11:00 PM | 48.8 | 71.2 | 44.0 |
| 11:00 PM - 12:00 AM | 48.6 | 69.3 | 44.5 |
| 12:00 AM - 01:00 AM | 47.1 | 61.7 | 44.8 |
| 01:00 AM - 02:00 AM | 46.6 | 66.0 | 43.9 |
| 02:00 AM - 03:00 AM | 48.4 | 72.8 | 43.6 |
| 03:00 AM - 04:00 AM | 46.9 | 62.2 | 43.1 |
| 04:00 AM - 05:00 AM | 44.7 | 59.5 | 41.6 |
| 05:00 AM - 06:00 AM | 45.2 | 73.8 | 40.4 |
| 06:00 AM - 07:00 AM | 55.5 | 66.3 | 49.3 |
| 07:00 AM - 08:00 AM | 52.9 | 65.7 | 43.1 |
| 08:00 AM - 09:00 AM | 50.2 | 60.3 | 40.3 |
| 09:00 AM - 10:00 AM | 47.8 | 61.5 | 43.3 |
| 10:00 AM - 11:00 AM | 48.6 | 63.7 | 45.2 |
| 11:00 AM - 12:00 PM | 58.8 | 88.7 | 43.6 |
| 12:00 PM - 01:00 PM | 54.8 | 78.5 | 47.2 |
| 01:00 PM - 02:00 PM | 53.2 | 75.2 | 45.3 |

Leq Average 24 hrs. (dB(A)) 51.6
Lmax (dB(A)) 88.7
L90 (dB(A)) 43.9
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671754-1

Page 1 of 1

Sample Number 2351980-9
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 24 - May 25, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222723

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 54.3 | 85.4 | 46.0 |
| 03:00 PM - 04:00 PM | 53.1 | 77.1 | 47.1 |
| 04:00 PM - 05:00 PM | 52.7 | 78.0 | 44.8 |
| 05:00 PM - 06:00 PM | 53.6 | 76.7 | 44.9 |
| 06:00 PM - 07:00 PM | 57.9 | 72.2 | 50.3 |
| 07:00 PM - 08:00 PM | 56.3 | 72.5 | 51.1 |
| 08:00 PM - 09:00 PM | 55.3 | 71.6 | 47.0 |
| 09:00 PM - 10:00 PM | 61.1 | 71.0 | 47.1 |
| 10:00 PM - 11:00 PM | 64.0 | 73.8 | 52.9 |
| 11:00 PM - 12:00 AM | 64.8 | 73.8 | 57.4 |
| 12:00 AM - 01:00 AM | 65.9 | 75.1 | 58.6 |
| 01:00 AM - 02:00 AM | 66.9 | 76.9 | 57.6 |
| 02:00 AM - 03:00 AM | 65.8 | 74.4 | 60.9 |
| 03:00 AM - 04:00 AM | 65.2 | 73.3 | 54.3 |
| 04:00 AM - 05:00 AM | 62.4 | 74.8 | 52.2 |
| 05:00 AM - 06:00 AM | 51.2 | 69.5 | 47.8 |
| 06:00 AM - 07:00 AM | 53.5 | 73.4 | 48.2 |
| 07:00 AM - 08:00 AM | 53.2 | 73.7 | 48.2 |
| 08:00 AM - 09:00 AM | 60.3 | 89.8 | 46.3 |
| 09:00 AM - 10:00 AM | 48.9 | 73.2 | 44.2 |
| 10:00 AM - 11:00 AM | 47.4 | 71.0 | 44.1 |
| 11:00 AM - 12:00 PM | 47.5 | 66.1 | 44.0 |
| 12:00 PM - 01:00 PM | 48.8 | 71.9 | 41.9 |
| 01:00 PM - 02:00 PM | 53.0 | 91.6 | 43.3 |

Leq Average 24 hrs. (dB(A)) 60.8
Lmax (dB(A)) 91.6
L90 (dB(A)) 47.1
Ldn (dB(A)) 70.0
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671755-1

Page 1 of 1

Sample Number 2351980-10
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 25 - May 26, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222723

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 48.1 | 70.0 | 44.6 |
| 03:00 PM - 04:00 PM | 48.9 | 70.2 | 44.5 |
| 04:00 PM - 05:00 PM | 48.4 | 64.0 | 44.1 |
| 05:00 PM - 06:00 PM | 51.2 | 80.0 | 44.2 |
| 06:00 PM - 07:00 PM | 53.3 | 82.6 | 43.6 |
| 07:00 PM - 08:00 PM | 47.2 | 66.9 | 44.7 |
| 08:00 PM - 09:00 PM | 46.1 | 64.1 | 44.2 |
| 09:00 PM - 10:00 PM | 45.7 | 56.2 | 43.5 |
| 10:00 PM - 11:00 PM | 44.9 | 57.0 | 43.6 |
| 11:00 PM - 12:00 AM | 45.7 | 66.5 | 43.2 |
| 12:00 AM - 01:00 AM | 44.0 | 57.3 | 42.0 |
| 01:00 AM - 02:00 AM | 43.1 | 57.1 | 41.3 |
| 02:00 AM - 03:00 AM | 43.5 | 60.5 | 40.8 |
| 03:00 AM - 04:00 AM | 46.1 | 65.1 | 41.4 |
| 04:00 AM - 05:00 AM | 47.3 | 66.4 | 43.6 |
| 05:00 AM - 06:00 AM | 50.8 | 71.1 | 47.6 |
| 06:00 AM - 07:00 AM | 50.8 | 68.2 | 45.6 |
| 07:00 AM - 08:00 AM | 54.2 | 77.9 | 49.6 |
| 08:00 AM - 09:00 AM | 50.9 | 73.2 | 46.7 |
| 09:00 AM - 10:00 AM | 50.7 | 75.9 | 46.8 |
| 10:00 AM - 11:00 AM | 54.0 | 76.6 | 48.4 |
| 11:00 AM - 12:00 PM | 52.7 | 75.0 | 47.2 |
| 12:00 PM - 01:00 PM | 50.2 | 72.8 | 44.9 |
| 01:00 PM - 02:00 PM | 51.0 | 74.8 | 45.8 |

Leq Average 24 hrs. (dB(A)) 49.9
Lmax (dB(A)) 82.6
L90 (dB(A)) 44.2
Ldn (dB(A)) 54.4
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671756-1

Page 1 of 1

Sample Number 2351980-11
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 26 - May 27, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222723

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 51.4 | 75.5 | 45.8 |
| 03:00 PM - 04:00 PM | 50.7 | 72.7 | 45.5 |
| 04:00 PM - 05:00 PM | 50.2 | 66.5 | 45.8 |
| 05:00 PM - 06:00 PM | 52.7 | 76.0 | 43.7 |
| 06:00 PM - 07:00 PM | 50.0 | 67.6 | 44.7 |
| 07:00 PM - 08:00 PM | 53.2 | 74.6 | 46.4 |
| 08:00 PM - 09:00 PM | 50.5 | 71.6 | 45.2 |
| 09:00 PM - 10:00 PM | 48.7 | 67.1 | 45.1 |
| 10:00 PM - 11:00 PM | 47.8 | 64.3 | 45.2 |
| 11:00 PM - 12:00 AM | 47.1 | 64.8 | 43.4 |
| 12:00 AM - 01:00 AM | 45.7 | 70.8 | 42.0 |
| 01:00 AM - 02:00 AM | 43.9 | 57.9 | 41.6 |
| 02:00 AM - 03:00 AM | 43.6 | 58.8 | 41.1 |
| 03:00 AM - 04:00 AM | 43.3 | 57.1 | 40.6 |
| 04:00 AM - 05:00 AM | 46.9 | 61.7 | 40.9 |
| 05:00 AM - 06:00 AM | 49.5 | 66.7 | 45.0 |
| 06:00 AM - 07:00 AM | 52.0 | 74.6 | 46.6 |
| 07:00 AM - 08:00 AM | 50.2 | 72.0 | 45.6 |
| 08:00 AM - 09:00 AM | 50.2 | 77.4 | 46.2 |
| 09:00 AM - 10:00 AM | 48.1 | 62.9 | 45.7 |
| 10:00 AM - 11:00 AM | 52.1 | 73.2 | 46.7 |
| 11:00 AM - 12:00 PM | 49.1 | 65.6 | 46.3 |
| 12:00 PM - 01:00 PM | 49.1 | 67.6 | 45.8 |
| 01:00 PM - 02:00 PM | 48.9 | 69.1 | 45.3 |

Leq Average 24 hrs. (dB(A)) 49.7
Lmax (dB(A)) 77.4
L90 (dB(A)) 45.2
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671757-1

Page 1 of 1

Sample Number 2351980-12
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 27 - May 28, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222723

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 47.2 | 62.5 | 44.3 |
| 03:00 PM - 04:00 PM | 48.3 | 67.8 | 43.7 |
| 04:00 PM - 05:00 PM | 47.5 | 71.7 | 42.6 |
| 05:00 PM - 06:00 PM | 49.0 | 74.2 | 43.5 |
| 06:00 PM - 07:00 PM | 53.1 | 76.2 | 45.1 |
| 07:00 PM - 08:00 PM | 48.1 | 64.9 | 45.0 |
| 08:00 PM - 09:00 PM | 48.6 | 73.3 | 43.2 |
| 09:00 PM - 10:00 PM | 44.0 | 55.8 | 42.9 |
| 10:00 PM - 11:00 PM | 43.8 | 54.7 | 42.6 |
| 11:00 PM - 12:00 AM | 44.0 | 63.7 | 42.5 |
| 12:00 AM - 01:00 AM | 44.8 | 71.5 | 41.7 |
| 01:00 AM - 02:00 AM | 43.0 | 58.9 | 41.5 |
| 02:00 AM - 03:00 AM | 42.5 | 63.0 | 39.6 |
| 03:00 AM - 04:00 AM | 44.3 | 65.1 | 39.2 |
| 04:00 AM - 05:00 AM | 61.3 | 88.1 | 53.3 |
| 05:00 AM - 06:00 AM | 51.7 | 70.4 | 47.9 |
| 06:00 AM - 07:00 AM | 56.4 | 77.5 | 46.9 |
| 07:00 AM - 08:00 AM | 55.0 | 78.4 | 47.2 |
| 08:00 AM - 09:00 AM | 56.1 | 87.7 | 45.1 |
| 09:00 AM - 10:00 AM | 49.1 | 65.4 | 45.3 |
| 10:00 AM - 11:00 AM | 52.6 | 75.2 | 44.5 |
| 11:00 AM - 12:00 PM | 50.6 | 71.4 | 42.0 |
| 12:00 PM - 01:00 PM | 49.9 | 71.1 | 42.6 |
| 01:00 PM - 02:00 PM | 51.4 | 72.8 | 42.3 |

Leq Average 24 hrs. (dB(A)) 52.3
Lmax (dB(A)) 88.1
L90 (dB(A)) 43.2
Ldn (dB(A)) 59.7
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671758-1

Page 1 of 1

Sample Number 2351980-13
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 28 - May 29, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222723

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 52.3 | 74.3 | 44.9 |
| 03:00 PM - 04:00 PM | 49.8 | 69.2 | 40.6 |
| 04:00 PM - 05:00 PM | 50.8 | 72.3 | 40.8 |
| 05:00 PM - 06:00 PM | 49.0 | 73.6 | 41.2 |
| 06:00 PM - 07:00 PM | 50.4 | 80.4 | 44.2 |
| 07:00 PM - 08:00 PM | 48.6 | 71.1 | 45.1 |
| 08:00 PM - 09:00 PM | 48.0 | 72.3 | 44.5 |
| 09:00 PM - 10:00 PM | 48.7 | 65.2 | 43.9 |
| 10:00 PM - 11:00 PM | 54.0 | 66.0 | 44.2 |
| 11:00 PM - 12:00 AM | 59.1 | 72.3 | 48.9 |
| 12:00 AM - 01:00 AM | 62.5 | 68.3 | 57.6 |
| 01:00 AM - 02:00 AM | 62.5 | 69.5 | 58.4 |
| 02:00 AM - 03:00 AM | 59.7 | 65.6 | 55.2 |
| 03:00 AM - 04:00 AM | 59.9 | 65.3 | 55.9 |
| 04:00 AM - 05:00 AM | 52.6 | 63.1 | 45.7 |
| 05:00 AM - 06:00 AM | 50.5 | 66.7 | 46.0 |
| 06:00 AM - 07:00 AM | 53.7 | 81.3 | 46.2 |
| 07:00 AM - 08:00 AM | 52.8 | 72.3 | 46.2 |
| 08:00 AM - 09:00 AM | 49.2 | 67.6 | 45.1 |
| 09:00 AM - 10:00 AM | 51.7 | 73.7 | 44.6 |
| 10:00 AM - 11:00 AM | 48.4 | 70.3 | 45.1 |
| 11:00 AM - 12:00 PM | 49.9 | 69.1 | 44.8 |
| 12:00 PM - 01:00 PM | 48.3 | 67.6 | 44.9 |
| 01:00 PM - 02:00 PM | 50.9 | 68.0 | 46.9 |

Leq Average 24 hrs. (dB(A)) 55.6
Lmax (dB(A)) 81.3
L90 (dB(A)) 45.1
Ldn (dB(A)) 64.8
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671759-1

Page 1 of 1

Sample Number 2351980-14
Parameter Noise (Leq 24 hrs.)
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 29 - May 30, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222723

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 56.0 | 78.2 | 49.1 |
| 03:00 PM - 04:00 PM | 56.3 | 83.4 | 48.8 |
| 04:00 PM - 05:00 PM | 52.3 | 71.3 | 46.7 |
| 05:00 PM - 06:00 PM | 51.7 | 79.9 | 46.2 |
| 06:00 PM - 07:00 PM | 51.3 | 73.1 | 46.5 |
| 07:00 PM - 08:00 PM | 50.3 | 70.4 | 47.5 |
| 08:00 PM - 09:00 PM | 49.3 | 70.2 | 46.1 |
| 09:00 PM - 10:00 PM | 50.9 | 74.6 | 45.6 |
| 10:00 PM - 11:00 PM | 49.7 | 65.9 | 44.9 |
| 11:00 PM - 12:00 AM | 48.6 | 65.4 | 43.8 |
| 12:00 AM - 01:00 AM | 49.0 | 69.5 | 42.7 |
| 01:00 AM - 02:00 AM | 59.2 | 77.1 | 50.7 |
| 02:00 AM - 03:00 AM | 56.1 | 69.3 | 44.9 |
| 03:00 AM - 04:00 AM | 51.2 | 61.7 | 42.7 |
| 04:00 AM - 05:00 AM | 48.6 | 62.7 | 44.5 |
| 05:00 AM - 06:00 AM | 50.3 | 63.1 | 47.4 |
| 06:00 AM - 07:00 AM | 55.4 | 80.1 | 46.3 |
| 07:00 AM - 08:00 AM | 57.1 | 79.3 | 47.8 |
| 08:00 AM - 09:00 AM | 53.3 | 76.4 | 45.6 |
| 09:00 AM - 10:00 AM | 56.7 | 81.5 | 45.3 |
| 10:00 AM - 11:00 AM | 51.6 | 72.9 | 45.6 |
| 11:00 AM - 12:00 PM | 57.6 | 79.8 | 45.4 |
| 12:00 PM - 01:00 PM | 49.8 | 67.0 | 43.9 |
| 01:00 PM - 02:00 PM | 53.2 | 77.7 | 46.6 |

Leq Average 24 hrs. (dB(A)) 53.9
Lmax (dB(A)) 83.4
L90 (dB(A)) 45.6
Ldn (dB(A)) 60.2
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671760-1

Page 1 of 1

Sample Number 2351980-15
Parameter Noise (Leq 24 hrs.)
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 23 - May 24, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734220

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 52.2 | 87.1 | 39.5 |
| 01:00 PM - 02:00 PM | 58.7 | 92.9 | 47.0 |
| 02:00 PM - 03:00 PM | 53.3 | 75.9 | 43.2 |
| 03:00 PM - 04:00 PM | 50.6 | 73.3 | 37.4 |
| 04:00 PM - 05:00 PM | 47.4 | 72.5 | 36.8 |
| 05:00 PM - 06:00 PM | 55.2 | 81.8 | 37.9 |
| 06:00 PM - 07:00 PM | 58.0 | 85.7 | 51.8 |
| 07:00 PM - 08:00 PM | 54.1 | 77.3 | 49.8 |
| 08:00 PM - 09:00 PM | 54.0 | 79.4 | 51.4 |
| 09:00 PM - 10:00 PM | 52.2 | 70.0 | 50.7 |
| 10:00 PM - 11:00 PM | 51.8 | 62.7 | 50.4 |
| 11:00 PM - 12:00 AM | 51.8 | 65.9 | 49.9 |
| 12:00 AM - 01:00 AM | 48.4 | 62.9 | 46.1 |
| 01:00 AM - 02:00 AM | 48.6 | 58.3 | 46.1 |
| 02:00 AM - 03:00 AM | 49.4 | 66.2 | 47.0 |
| 03:00 AM - 04:00 AM | 51.1 | 66.0 | 45.6 |
| 04:00 AM - 05:00 AM | 56.3 | 65.6 | 52.8 |
| 05:00 AM - 06:00 AM | 49.9 | 66.5 | 47.3 |
| 06:00 AM - 07:00 AM | 59.5 | 87.6 | 48.6 |
| 07:00 AM - 08:00 AM | 52.2 | 76.4 | 47.3 |
| 08:00 AM - 09:00 AM | 53.9 | 79.8 | 47.6 |
| 09:00 AM - 10:00 AM | 52.2 | 71.3 | 45.7 |
| 10:00 AM - 11:00 AM | 52.1 | 77.9 | 42.9 |
| 11:00 AM - 12:00 PM | 52.6 | 82.9 | 40.9 |

Leq Average 24 hrs. (dB(A)) 53.9
Lmax (dB(A)) 92.9
L90 (dB(A)) 47.0
Ldn (dB(A)) 60.1
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671761-1

P/O :

Project Name : Khao Khan Song

Project Location :

Page 1 of 1

Sample Number 2351980-16
Parameter Noise (Leq 24 hrs.)
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 24 - May 25, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734220

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 51.2 | 78.1 | 40.2 |
| 01:00 PM - 02:00 PM | 50.7 | 80.1 | 38.2 |
| 02:00 PM - 03:00 PM | 52.2 | 79.6 | 41.4 |
| 03:00 PM - 04:00 PM | 49.3 | 79.1 | 37.9 |
| 04:00 PM - 05:00 PM | 49.8 | 77.5 | 40.6 |
| 05:00 PM - 06:00 PM | 48.6 | 73.6 | 41.0 |
| 06:00 PM - 07:00 PM | 53.7 | 80.3 | 43.7 |
| 07:00 PM - 08:00 PM | 52.6 | 78.9 | 48.3 |
| 08:00 PM - 09:00 PM | 57.6 | 80.3 | 53.4 |
| 09:00 PM - 10:00 PM | 55.8 | 63.7 | 51.2 |
| 10:00 PM - 11:00 PM | 49.6 | 61.0 | 47.9 |
| 11:00 PM - 12:00 AM | 51.2 | 60.0 | 48.6 |
| 12:00 AM - 01:00 AM | 50.5 | 60.0 | 48.3 |
| 01:00 AM - 02:00 AM | 49.4 | 57.5 | 47.4 |
| 02:00 AM - 03:00 AM | 50.9 | 59.6 | 48.9 |
| 03:00 AM - 04:00 AM | 50.2 | 58.6 | 47.6 |
| 04:00 AM - 05:00 AM | 50.9 | 58.7 | 47.9 |
| 05:00 AM - 06:00 AM | 50.0 | 78.5 | 46.3 |
| 06:00 AM - 07:00 AM | 54.5 | 79.9 | 48.2 |
| 07:00 AM - 08:00 AM | 51.8 | 78.4 | 46.1 |
| 08:00 AM - 09:00 AM | 51.6 | 73.8 | 45.1 |
| 09:00 AM - 10:00 AM | 49.6 | 71.9 | 42.5 |
| 10:00 AM - 11:00 AM | 52.1 | 81.5 | 43.1 |
| 11:00 AM - 12:00 PM | 50.5 | 76.8 | 43.3 |

Leq Average 24 hrs. (dB(A)) 52.1
Lmax (dB(A)) 81.5
L90 (dB(A)) 46.1
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671762-1

Page 1 of 1

Sample Number 2351980-17
Parameter Noise (Leq 24 hrs.)
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 25 - May 26, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734220

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 50.2 | 76.5 | 44.0 |
| 01:00 PM - 02:00 PM | 50.3 | 84.6 | 41.8 |
| 02:00 PM - 03:00 PM | 50.8 | 78.3 | 40.3 |
| 03:00 PM - 04:00 PM | 49.3 | 69.3 | 40.9 |
| 04:00 PM - 05:00 PM | 50.9 | 74.3 | 42.4 |
| 05:00 PM - 06:00 PM | 50.2 | 76.7 | 43.4 |
| 06:00 PM - 07:00 PM | 51.2 | 78.8 | 43.5 |
| 07:00 PM - 08:00 PM | 51.8 | 69.3 | 47.8 |
| 08:00 PM - 09:00 PM | 54.1 | 69.8 | 51.9 |
| 09:00 PM - 10:00 PM | 52.7 | 62.1 | 51.0 |
| 10:00 PM - 11:00 PM | 51.9 | 58.0 | 49.8 |
| 11:00 PM - 12:00 AM | 54.1 | 60.3 | 51.8 |
| 12:00 AM - 01:00 AM | 49.5 | 54.7 | 48.5 |
| 01:00 AM - 02:00 AM | 48.6 | 63.4 | 47.0 |
| 02:00 AM - 03:00 AM | 48.4 | 57.3 | 46.9 |
| 03:00 AM - 04:00 AM | 48.2 | 58.5 | 46.2 |
| 04:00 AM - 05:00 AM | 48.1 | 59.5 | 46.5 |
| 05:00 AM - 06:00 AM | 47.7 | 66.0 | 46.4 |
| 06:00 AM - 07:00 AM | 54.6 | 81.1 | 48.4 |
| 07:00 AM - 08:00 AM | 51.9 | 75.1 | 45.6 |
| 08:00 AM - 09:00 AM | 50.4 | 73.4 | 45.6 |
| 09:00 AM - 10:00 AM | 51.4 | 75.7 | 45.7 |
| 10:00 AM - 11:00 AM | 54.2 | 82.3 | 46.1 |
| 11:00 AM - 12:00 PM | 52.1 | 72.4 | 44.7 |

Leq Average 24 hrs. (dB(A)) 51.4
Lmax (dB(A)) 84.6
L90 (dB(A)) 46.1
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671763-1

Page 1 of 1

Sample Number 2351980-18
Parameter Noise (Leq 24 hrs.)
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 26 - May 27, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734220

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 53.4 | 84.0 | 44.5 |
| 01:00 PM - 02:00 PM | 46.9 | 59.0 | 43.6 |
| 02:00 PM - 03:00 PM | 48.1 | 64.9 | 45.0 |
| 03:00 PM - 04:00 PM | 49.8 | 62.3 | 46.9 |
| 04:00 PM - 05:00 PM | 49.1 | 61.1 | 46.4 |
| 05:00 PM - 06:00 PM | 48.6 | 62.6 | 45.7 |
| 06:00 PM - 07:00 PM | 50.5 | 65.5 | 47.8 |
| 07:00 PM - 08:00 PM | 48.9 | 61.8 | 46.9 |
| 08:00 PM - 09:00 PM | 51.3 | 60.5 | 49.9 |
| 09:00 PM - 10:00 PM | 52.6 | 66.0 | 50.4 |
| 10:00 PM - 11:00 PM | 50.5 | 59.8 | 49.2 |
| 11:00 PM - 12:00 AM | 49.5 | 58.4 | 47.8 |
| 12:00 AM - 01:00 AM | 54.3 | 68.3 | 51.1 |
| 01:00 AM - 02:00 AM | 55.2 | 66.4 | 52.7 |
| 02:00 AM - 03:00 AM | 54.7 | 66.4 | 52.5 |
| 03:00 AM - 04:00 AM | 58.0 | 71.8 | 55.2 |
| 04:00 AM - 05:00 AM | 57.8 | 70.4 | 55.0 |
| 05:00 AM - 06:00 AM | 57.2 | 72.0 | 54.0 |
| 06:00 AM - 07:00 AM | 55.2 | 66.8 | 52.6 |
| 07:00 AM - 08:00 AM | 55.2 | 68.4 | 52.7 |
| 08:00 AM - 09:00 AM | 55.9 | 70.2 | 53.4 |
| 09:00 AM - 10:00 AM | 55.5 | 67.6 | 53.4 |
| 10:00 AM - 11:00 AM | 51.8 | 64.9 | 49.3 |
| 11:00 AM - 12:00 PM | 49.7 | 68.5 | 46.2 |

Leq Average 24 hrs. (dB(A)) 53.7
Lmax (dB(A)) 84.0
L90 (dB(A)) 49.3
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671764-1

Page 1 of 1

Sample Number 2351980-19
Parameter Noise (Leq 24 hrs.)
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 27 - May 28, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734220

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 48.8 | 65.4 | 45.2 |
| 01:00 PM - 02:00 PM | 49.8 | 65.4 | 46.9 |
| 02:00 PM - 03:00 PM | 49.1 | 60.9 | 46.4 |
| 03:00 PM - 04:00 PM | 50.4 | 66.5 | 47.6 |
| 04:00 PM - 05:00 PM | 50.3 | 63.1 | 47.9 |
| 05:00 PM - 06:00 PM | 49.7 | 59.6 | 47.2 |
| 06:00 PM - 07:00 PM | 50.0 | 65.1 | 47.3 |
| 07:00 PM - 08:00 PM | 50.1 | 69.8 | 48.0 |
| 08:00 PM - 09:00 PM | 52.9 | 62.5 | 51.1 |
| 09:00 PM - 10:00 PM | 53.7 | 63.2 | 51.5 |
| 10:00 PM - 11:00 PM | 53.9 | 72.5 | 51.9 |
| 11:00 PM - 12:00 AM | 52.5 | 63.1 | 51.1 |
| 12:00 AM - 01:00 AM | 53.3 | 64.0 | 51.6 |
| 01:00 AM - 02:00 AM | 55.1 | 64.5 | 53.3 |
| 02:00 AM - 03:00 AM | 56.5 | 68.0 | 54.7 |
| 03:00 AM - 04:00 AM | 57.5 | 70.8 | 55.5 |
| 04:00 AM - 05:00 AM | 56.1 | 66.8 | 53.9 |
| 05:00 AM - 06:00 AM | 56.5 | 68.1 | 54.3 |
| 06:00 AM - 07:00 AM | 54.0 | 66.5 | 52.0 |
| 07:00 AM - 08:00 AM | 52.1 | 75.0 | 49.7 |
| 08:00 AM - 09:00 AM | 53.4 | 66.7 | 51.4 |
| 09:00 AM - 10:00 AM | 53.0 | 64.8 | 50.9 |
| 10:00 AM - 11:00 AM | 49.5 | 60.7 | 46.8 |
| 11:00 AM - 12:00 PM | 49.5 | 63.3 | 47.0 |

Leq Average 24 hrs. (dB(A)) 53.2
Lmax (dB(A)) 75.0
L90 (dB(A)) 50.9
Ldn (dB(A)) 61.4
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671765-1

Page 1 of 1

Sample Number 2351980-20
Parameter Noise (Leq 24 hrs.)
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 28 - May 29, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734220

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 49.9 | 68.8 | 46.0 |
| 01:00 PM - 02:00 PM | 48.5 | 59.0 | 45.4 |
| 02:00 PM - 03:00 PM | 47.6 | 59.4 | 44.6 |
| 03:00 PM - 04:00 PM | 47.6 | 61.6 | 44.8 |
| 04:00 PM - 05:00 PM | 48.0 | 61.2 | 44.5 |
| 05:00 PM - 06:00 PM | 47.4 | 73.3 | 44.3 |
| 06:00 PM - 07:00 PM | 47.6 | 62.9 | 44.4 |
| 07:00 PM - 08:00 PM | 49.1 | 65.9 | 47.0 |
| 08:00 PM - 09:00 PM | 53.2 | 66.3 | 51.6 |
| 09:00 PM - 10:00 PM | 56.9 | 72.3 | 54.1 |
| 10:00 PM - 11:00 PM | 53.9 | 67.0 | 52.2 |
| 11:00 PM - 12:00 AM | 56.1 | 67.0 | 54.0 |
| 12:00 AM - 01:00 AM | 56.4 | 69.9 | 54.3 |
| 01:00 AM - 02:00 AM | 57.3 | 71.6 | 54.4 |
| 02:00 AM - 03:00 AM | 56.4 | 68.1 | 54.1 |
| 03:00 AM - 04:00 AM | 55.2 | 68.2 | 53.0 |
| 04:00 AM - 05:00 AM | 56.4 | 67.8 | 53.9 |
| 05:00 AM - 06:00 AM | 56.1 | 66.2 | 53.6 |
| 06:00 AM - 07:00 AM | 56.3 | 67.5 | 53.6 |
| 07:00 AM - 08:00 AM | 56.3 | 69.5 | 53.4 |
| 08:00 AM - 09:00 AM | 57.9 | 73.5 | 53.9 |
| 09:00 AM - 10:00 AM | 55.2 | 66.5 | 52.4 |
| 10:00 AM - 11:00 AM | 55.3 | 69.3 | 52.4 |
| 11:00 AM - 12:00 PM | 58.0 | 71.5 | 55.5 |

Leq Average 24 hrs. (dB(A)) 54.8
Lmax (dB(A)) 73.5
L90 (dB(A)) 52.4
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671766-1

Page 1 of 1

Sample Number 2351980-21
Parameter Noise (Leq 24 hrs.)
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 29 - May 30, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 734220

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 57.2 | 68.6 | 54.6 |
| 01:00 PM - 02:00 PM | 56.8 | 72.1 | 54.2 |
| 02:00 PM - 03:00 PM | 56.5 | 68.9 | 53.9 |
| 03:00 PM - 04:00 PM | 56.7 | 73.9 | 53.4 |
| 04:00 PM - 05:00 PM | 53.6 | 65.8 | 51.9 |
| 05:00 PM - 06:00 PM | 52.7 | 72.2 | 50.5 |
| 06:00 PM - 07:00 PM | 50.4 | 63.1 | 48.4 |
| 07:00 PM - 08:00 PM | 51.3 | 69.7 | 49.2 |
| 08:00 PM - 09:00 PM | 49.1 | 66.2 | 47.7 |
| 09:00 PM - 10:00 PM | 48.1 | 54.5 | 46.4 |
| 10:00 PM - 11:00 PM | 51.7 | 69.0 | 49.3 |
| 11:00 PM - 12:00 AM | 53.9 | 63.8 | 51.6 |
| 12:00 AM - 01:00 AM | 54.9 | 68.2 | 51.7 |
| 01:00 AM - 02:00 AM | 53.5 | 65.6 | 51.8 |
| 02:00 AM - 03:00 AM | 50.0 | 65.8 | 48.7 |
| 03:00 AM - 04:00 AM | 50.8 | 62.1 | 49.3 |
| 04:00 AM - 05:00 AM | 52.2 | 59.7 | 50.9 |
| 05:00 AM - 06:00 AM | 51.9 | 61.9 | 50.9 |
| 06:00 AM - 07:00 AM | 52.2 | 55.0 | 51.2 |
| 07:00 AM - 08:00 AM | 51.9 | 70.4 | 50.7 |
| 08:00 AM - 09:00 AM | 53.3 | 67.2 | 52.1 |
| 09:00 AM - 10:00 AM | 53.3 | 63.6 | 52.0 |
| 10:00 AM - 11:00 AM | 52.1 | 73.1 | 50.4 |
| 11:00 AM - 12:00 PM | 50.2 | 64.1 | 48.0 |

Leq Average 24 hrs. (dB(A)) 53.4
Lmax (dB(A)) 73.9
L90 (dB(A)) 50.9
Ldn (dB(A)) 59.2
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671767-1

Page 1 of 1

Sample Number 2351980-22
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศเหนือ (N4) (GPS 47P 0731554, 1447461)
Measurement Date May 23 - May 24, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222724

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 49.8 | 78.6 | 42.9 |
| 02:00 PM - 03:00 PM | 48.9 | 73.3 | 43.4 |
| 03:00 PM - 04:00 PM | 50.2 | 72.5 | 42.6 |
| 04:00 PM - 05:00 PM | 60.6 | 91.6 | 42.9 |
| 05:00 PM - 06:00 PM | 49.7 | 67.1 | 43.6 |
| 06:00 PM - 07:00 PM | 48.4 | 72.2 | 43.6 |
| 07:00 PM - 08:00 PM | 48.4 | 75.3 | 42.8 |
| 08:00 PM - 09:00 PM | 62.6 | 99.1 | 44.1 |
| 09:00 PM - 10:00 PM | 63.2 | 68.4 | 49.7 |
| 10:00 PM - 11:00 PM | 66.1 | 70.8 | 64.5 |
| 11:00 PM - 12:00 AM | 64.4 | 69.6 | 55.1 |
| 12:00 AM - 01:00 AM | 61.2 | 68.6 | 43.7 |
| 01:00 AM - 02:00 AM | 56.4 | 67.3 | 40.3 |
| 02:00 AM - 03:00 AM | 47.6 | 68.0 | 41.0 |
| 03:00 AM - 04:00 AM | 52.5 | 85.7 | 42.9 |
| 04:00 AM - 05:00 AM | 55.5 | 80.8 | 44.8 |
| 05:00 AM - 06:00 AM | 53.4 | 80.3 | 48.0 |
| 06:00 AM - 07:00 AM | 55.8 | 84.2 | 47.3 |
| 07:00 AM - 08:00 AM | 51.0 | 72.4 | 43.9 |
| 08:00 AM - 09:00 AM | 47.8 | 67.3 | 42.0 |
| 09:00 AM - 10:00 AM | 58.6 | 86.4 | 44.9 |
| 10:00 AM - 11:00 AM | 54.2 | 73.2 | 50.4 |
| 11:00 AM - 12:00 PM | 50.7 | 68.8 | 45.8 |
| 12:00 PM - 01:00 PM | 50.5 | 73.7 | 42.4 |

Leq Average 24 hrs. (dB(A)) 58.4
Lmax (dB(A)) 99.1
L90 (dB(A)) 43.6
Ldn (dB(A)) 66.4
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671768-1

Page 1 of 1

Sample Number 2351980-23
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศเหนือ (N4) (GPS 47P 0731554, 1447461)
Measurement Date May 24 - May 25, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222724

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 51.1 | 77.2 | 42.8 |
| 02:00 PM - 03:00 PM | 50.9 | 69.5 | 44.4 |
| 03:00 PM - 04:00 PM | 55.0 | 84.0 | 43.4 |
| 04:00 PM - 05:00 PM | 49.8 | 77.1 | 42.3 |
| 05:00 PM - 06:00 PM | 52.1 | 74.8 | 43.8 |
| 06:00 PM - 07:00 PM | 56.2 | 73.7 | 48.6 |
| 07:00 PM - 08:00 PM | 64.3 | 70.3 | 59.9 |
| 08:00 PM - 09:00 PM | 65.8 | 71.3 | 62.8 |
| 09:00 PM - 10:00 PM | 64.1 | 70.5 | 59.8 |
| 10:00 PM - 11:00 PM | 61.1 | 68.0 | 55.2 |
| 11:00 PM - 12:00 AM | 60.5 | 67.2 | 51.6 |
| 12:00 AM - 01:00 AM | 59.7 | 72.9 | 47.9 |
| 01:00 AM - 02:00 AM | 55.1 | 77.6 | 43.0 |
| 02:00 AM - 03:00 AM | 47.1 | 64.5 | 42.7 |
| 03:00 AM - 04:00 AM | 45.8 | 63.3 | 42.9 |
| 04:00 AM - 05:00 AM | 54.1 | 82.7 | 45.3 |
| 05:00 AM - 06:00 AM | 54.5 | 84.3 | 45.9 |
| 06:00 AM - 07:00 AM | 50.0 | 78.4 | 46.1 |
| 07:00 AM - 08:00 AM | 51.8 | 78.2 | 44.6 |
| 08:00 AM - 09:00 AM | 50.5 | 79.2 | 42.9 |
| 09:00 AM - 10:00 AM | 47.8 | 66.9 | 43.8 |
| 10:00 AM - 11:00 AM | 49.7 | 77.0 | 42.0 |
| 11:00 AM - 12:00 PM | 47.9 | 81.3 | 40.5 |
| 12:00 PM - 01:00 PM | 52.2 | 74.8 | 43.0 |

Leq Average 24 hrs. (dB(A)) 58.1
Lmax (dB(A)) 84.3
L90 (dB(A)) 43.8
Ldn (dB(A)) 63.6
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671769-1

Page 1 of 1

Sample Number 2351980-24
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศเหนือ (N4) (GPS 47P 0731554, 1447461)
Measurement Date May 25 - May 26, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222724

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 50.4 | 76.9 | 43.0 |
| 02:00 PM - 03:00 PM | 48.7 | 68.6 | 43.0 |
| 03:00 PM - 04:00 PM | 50.2 | 73.7 | 43.2 |
| 04:00 PM - 05:00 PM | 53.9 | 77.9 | 43.3 |
| 05:00 PM - 06:00 PM | 51.1 | 77.7 | 41.8 |
| 06:00 PM - 07:00 PM | 47.1 | 72.6 | 42.8 |
| 07:00 PM - 08:00 PM | 46.2 | 64.0 | 43.7 |
| 08:00 PM - 09:00 PM | 50.0 | 70.1 | 43.3 |
| 09:00 PM - 10:00 PM | 46.0 | 67.3 | 43.4 |
| 10:00 PM - 11:00 PM | 45.8 | 64.6 | 42.6 |
| 11:00 PM - 12:00 AM | 44.3 | 57.3 | 42.5 |
| 12:00 AM - 01:00 AM | 43.8 | 63.3 | 40.7 |
| 01:00 AM - 02:00 AM | 47.9 | 77.1 | 42.0 |
| 02:00 AM - 03:00 AM | 44.1 | 60.0 | 41.2 |
| 03:00 AM - 04:00 AM | 48.1 | 73.1 | 42.3 |
| 04:00 AM - 05:00 AM | 53.8 | 80.5 | 44.0 |
| 05:00 AM - 06:00 AM | 51.4 | 82.4 | 43.1 |
| 06:00 AM - 07:00 AM | 53.5 | 82.0 | 43.0 |
| 07:00 AM - 08:00 AM | 48.1 | 73.0 | 43.4 |
| 08:00 AM - 09:00 AM | 49.1 | 75.8 | 44.3 |
| 09:00 AM - 10:00 AM | 48.9 | 71.2 | 43.8 |
| 10:00 AM - 11:00 AM | 48.0 | 67.7 | 43.7 |
| 11:00 AM - 12:00 PM | 46.1 | 77.5 | 41.6 |
| 12:00 PM - 01:00 PM | 47.9 | 66.2 | 43.7 |

Leq Average 24 hrs. (dB(A)) 49.5
Lmax (dB(A)) 82.4
L90 (dB(A)) 43.0
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671770-1

Page 1 of 1

Sample Number 2351980-25
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศเหนือ (N4) (GPS 47P 0731554, 1447461)
Measurement Date May 26 - May 27, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222724

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 46.9 | 66.1 | 42.9 |
| 02:00 PM - 03:00 PM | 48.7 | 68.5 | 43.4 |
| 03:00 PM - 04:00 PM | 50.8 | 79.4 | 43.5 |
| 04:00 PM - 05:00 PM | 52.2 | 77.2 | 42.8 |
| 05:00 PM - 06:00 PM | 49.4 | 75.5 | 41.9 |
| 06:00 PM - 07:00 PM | 52.1 | 83.1 | 45.5 |
| 07:00 PM - 08:00 PM | 50.4 | 79.4 | 43.5 |
| 08:00 PM - 09:00 PM | 51.2 | 70.5 | 44.5 |
| 09:00 PM - 10:00 PM | 47.3 | 68.2 | 43.1 |
| 10:00 PM - 11:00 PM | 50.9 | 70.0 | 41.6 |
| 11:00 PM - 12:00 AM | 46.3 | 72.0 | 41.1 |
| 12:00 AM - 01:00 AM | 44.4 | 63.2 | 41.7 |
| 01:00 AM - 02:00 AM | 44.2 | 59.8 | 41.4 |
| 02:00 AM - 03:00 AM | 43.9 | 54.9 | 41.6 |
| 03:00 AM - 04:00 AM | 46.7 | 71.8 | 40.5 |
| 04:00 AM - 05:00 AM | 60.8 | 88.9 | 42.1 |
| 05:00 AM - 06:00 AM | 48.7 | 73.6 | 43.3 |
| 06:00 AM - 07:00 AM | 48.8 | 68.6 | 43.5 |
| 07:00 AM - 08:00 AM | 58.4 | 95.8 | 43.1 |
| 08:00 AM - 09:00 AM | 46.9 | 69.3 | 42.4 |
| 09:00 AM - 10:00 AM | 51.3 | 79.0 | 43.5 |
| 10:00 AM - 11:00 AM | 47.9 | 73.1 | 43.2 |
| 11:00 AM - 12:00 PM | 47.5 | 69.1 | 42.3 |
| 12:00 PM - 01:00 PM | 50.4 | 71.8 | 41.8 |

Leq Average 24 hrs. (dB(A)) 51.9
Lmax (dB(A)) 95.8
L90 (dB(A)) 42.8
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671771-1

Page 1 of 1

Sample Number 2351980-26
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศเหนือ (N4) (GPS 47P 0731554, 1447461)
Measurement Date May 27 - May 28, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222724

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 50.8 | 71.6 | 41.7 |
| 02:00 PM - 03:00 PM | 49.1 | 69.3 | 41.5 |
| 03:00 PM - 04:00 PM | 48.8 | 68.7 | 40.7 |
| 04:00 PM - 05:00 PM | 53.7 | 79.2 | 43.5 |
| 05:00 PM - 06:00 PM | 50.3 | 75.1 | 43.7 |
| 06:00 PM - 07:00 PM | 53.5 | 83.6 | 43.7 |
| 07:00 PM - 08:00 PM | 52.0 | 78.6 | 42.4 |
| 08:00 PM - 09:00 PM | 45.0 | 60.8 | 42.5 |
| 09:00 PM - 10:00 PM | 49.6 | 78.4 | 42.7 |
| 10:00 PM - 11:00 PM | 48.7 | 73.1 | 43.2 |
| 11:00 PM - 12:00 AM | 50.0 | 72.3 | 42.4 |
| 12:00 AM - 01:00 AM | 60.4 | 91.4 | 42.7 |
| 01:00 AM - 02:00 AM | 49.5 | 66.9 | 43.4 |
| 02:00 AM - 03:00 AM | 48.2 | 72.0 | 43.4 |
| 03:00 AM - 04:00 AM | 48.2 | 75.1 | 42.6 |
| 04:00 AM - 05:00 AM | 62.4 | 98.9 | 43.9 |
| 05:00 AM - 06:00 AM | 63.0 | 68.2 | 49.5 |
| 06:00 AM - 07:00 AM | 65.9 | 70.6 | 64.3 |
| 07:00 AM - 08:00 AM | 64.2 | 69.4 | 54.9 |
| 08:00 AM - 09:00 AM | 61.0 | 68.4 | 43.5 |
| 09:00 AM - 10:00 AM | 56.2 | 67.1 | 40.1 |
| 10:00 AM - 11:00 AM | 47.3 | 67.7 | 40.7 |
| 11:00 AM - 12:00 PM | 52.2 | 85.4 | 42.6 |
| 12:00 PM - 01:00 PM | 55.2 | 80.5 | 44.5 |

Leq Average 24 hrs. (dB(A)) 58.0
Lmax (dB(A)) 98.9
L90 (dB(A)) 42.7
Ldn (dB(A)) 66.1
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671772-1

Page 1 of 1

Sample Number 2351980-27
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศเหนือ (N4) (GPS 47P 0731554, 1447461)
Measurement Date May 28 - May 29, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222724

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 53.1 | 80.0 | 47.7 |
| 02:00 PM - 03:00 PM | 55.5 | 83.9 | 47.0 |
| 03:00 PM - 04:00 PM | 50.7 | 72.1 | 43.6 |
| 04:00 PM - 05:00 PM | 47.5 | 67.0 | 41.7 |
| 05:00 PM - 06:00 PM | 58.3 | 86.1 | 44.6 |
| 06:00 PM - 07:00 PM | 53.9 | 72.9 | 50.1 |
| 07:00 PM - 08:00 PM | 50.4 | 68.5 | 45.5 |
| 08:00 PM - 09:00 PM | 50.2 | 73.4 | 42.1 |
| 09:00 PM - 10:00 PM | 50.8 | 76.9 | 42.5 |
| 10:00 PM - 11:00 PM | 50.6 | 69.2 | 44.1 |
| 11:00 PM - 12:00 AM | 54.7 | 83.7 | 43.1 |
| 12:00 AM - 01:00 AM | 49.5 | 76.8 | 42.0 |
| 01:00 AM - 02:00 AM | 51.8 | 74.5 | 43.5 |
| 02:00 AM - 03:00 AM | 55.9 | 73.4 | 48.3 |
| 03:00 AM - 04:00 AM | 64.0 | 70.0 | 59.6 |
| 04:00 AM - 05:00 AM | 65.5 | 71.0 | 62.5 |
| 05:00 AM - 06:00 AM | 63.8 | 70.2 | 59.5 |
| 06:00 AM - 07:00 AM | 60.8 | 67.7 | 54.9 |
| 07:00 AM - 08:00 AM | 60.2 | 66.9 | 51.3 |
| 08:00 AM - 09:00 AM | 59.1 | 72.3 | 47.3 |
| 09:00 AM - 10:00 AM | 54.5 | 77.0 | 42.4 |
| 10:00 AM - 11:00 AM | 46.5 | 63.9 | 42.1 |
| 11:00 AM - 12:00 PM | 45.2 | 62.7 | 42.3 |
| 12:00 PM - 01:00 PM | 53.5 | 82.1 | 44.7 |

Leq Average 24 hrs. (dB(A)) 58.0
Lmax (dB(A)) 86.1
L90 (dB(A)) 44.6
Ldn (dB(A)) 66.7
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671773-1

Page 1 of 1

Sample Number 2351980-28
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศเหนือ (N4) (GPS 47P 0731554, 1447461)
Measurement Date May 29 - May 30, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 1222724

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 53.9 | 83.7 | 45.3 |
| 02:00 PM - 03:00 PM | 49.4 | 77.8 | 45.5 |
| 03:00 PM - 04:00 PM | 51.2 | 77.6 | 44.0 |
| 04:00 PM - 05:00 PM | 49.9 | 78.6 | 42.3 |
| 05:00 PM - 06:00 PM | 47.2 | 66.3 | 43.2 |
| 06:00 PM - 07:00 PM | 49.1 | 76.4 | 41.4 |
| 07:00 PM - 08:00 PM | 47.3 | 80.7 | 39.9 |
| 08:00 PM - 09:00 PM | 51.6 | 74.2 | 42.4 |
| 09:00 PM - 10:00 PM | 49.8 | 76.3 | 42.4 |
| 10:00 PM - 11:00 PM | 48.1 | 68.0 | 42.4 |
| 11:00 PM - 12:00 AM | 49.6 | 73.1 | 42.6 |
| 12:00 AM - 01:00 AM | 53.3 | 77.3 | 42.7 |
| 01:00 AM - 02:00 AM | 50.7 | 77.3 | 41.4 |
| 02:00 AM - 03:00 AM | 46.7 | 72.2 | 42.4 |
| 03:00 AM - 04:00 AM | 45.8 | 63.6 | 43.3 |
| 04:00 AM - 05:00 AM | 49.6 | 69.7 | 42.9 |
| 05:00 AM - 06:00 AM | 45.6 | 66.9 | 43.0 |
| 06:00 AM - 07:00 AM | 45.4 | 64.2 | 42.2 |
| 07:00 AM - 08:00 AM | 43.9 | 56.9 | 42.1 |
| 08:00 AM - 09:00 AM | 43.4 | 62.9 | 40.3 |
| 09:00 AM - 10:00 AM | 47.5 | 76.7 | 41.6 |
| 10:00 AM - 11:00 AM | 43.7 | 59.6 | 40.8 |
| 11:00 AM - 12:00 PM | 47.7 | 72.7 | 41.9 |
| 12:00 PM - 01:00 PM | 53.4 | 80.1 | 43.6 |

Leq Average 24 hrs. (dB(A)) 49.5
Lmax (dB(A)) 83.7
L90 (dB(A)) 42.4
Ldn (dB(A)) 55.6
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Suppt S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671774-1

Page 1 of 1

Sample Number 2351980-29
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศใต้ (N5) (GPS 47P 0732315, 1445485)
Measurement Date May 23 - May 24, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 623389

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 62.3 | 95.9 | 44.1 |
| 01:00 PM - 02:00 PM | 63.2 | 93.5 | 52.0 |
| 02:00 PM - 03:00 PM | 61.9 | 79.0 | 55.6 |
| 03:00 PM - 04:00 PM | 63.1 | 87.9 | 54.1 |
| 04:00 PM - 05:00 PM | 63.5 | 88.3 | 51.1 |
| 05:00 PM - 06:00 PM | 60.4 | 76.2 | 50.0 |
| 06:00 PM - 07:00 PM | 60.8 | 96.4 | 38.9 |
| 07:00 PM - 08:00 PM | 52.3 | 69.6 | 44.1 |
| 08:00 PM - 09:00 PM | 56.8 | 82.0 | 44.2 |
| 09:00 PM - 10:00 PM | 51.6 | 76.3 | 39.8 |
| 10:00 PM - 11:00 PM | 50.0 | 70.7 | 44.4 |
| 11:00 PM - 12:00 AM | 50.8 | 76.1 | 45.1 |
| 12:00 AM - 01:00 AM | 50.2 | 69.1 | 45.0 |
| 01:00 AM - 02:00 AM | 51.0 | 72.9 | 43.2 |
| 02:00 AM - 03:00 AM | 55.0 | 72.9 | 44.0 |
| 03:00 AM - 04:00 AM | 60.1 | 78.8 | 50.3 |
| 04:00 AM - 05:00 AM | 64.2 | 85.3 | 56.5 |
| 05:00 AM - 06:00 AM | 60.1 | 89.7 | 48.4 |
| 06:00 AM - 07:00 AM | 66.3 | 90.7 | 53.0 |
| 07:00 AM - 08:00 AM | 60.3 | 82.9 | 46.2 |
| 08:00 AM - 09:00 AM | 65.7 | 88.6 | 53.4 |
| 09:00 AM - 10:00 AM | 59.9 | 83.1 | 48.6 |
| 10:00 AM - 11:00 AM | 64.9 | 90.9 | 52.2 |
| 11:00 AM - 12:00 PM | 66.9 | 89.8 | 53.3 |

Leq Average 24 hrs. (dB(A)) 61.8
Lmax (dB(A)) 96.4
L90 (dB(A)) 48.4
Ldn (dB(A)) 67.1
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671775-1

Page 1 of 1

Sample Number 2351980-30
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศใต้ (N5) (GPS 47P 0732315, 1445485)
Measurement Date May 24 - May 25, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 623389

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 65.9 | 93.0 | 52.3 |
| 01:00 PM - 02:00 PM | 66.4 | 88.4 | 53.3 |
| 02:00 PM - 03:00 PM | 62.2 | 86.3 | 54.7 |
| 03:00 PM - 04:00 PM | 60.8 | 84.6 | 53.7 |
| 04:00 PM - 05:00 PM | 63.6 | 88.7 | 49.9 |
| 05:00 PM - 06:00 PM | 60.1 | 81.6 | 50.7 |
| 06:00 PM - 07:00 PM | 58.9 | 83.3 | 47.5 |
| 07:00 PM - 08:00 PM | 59.5 | 82.2 | 47.4 |
| 08:00 PM - 09:00 PM | 52.2 | 75.1 | 46.0 |
| 09:00 PM - 10:00 PM | 52.2 | 75.1 | 40.6 |
| 10:00 PM - 11:00 PM | 49.6 | 71.8 | 44.2 |
| 11:00 PM - 12:00 AM | 50.3 | 73.8 | 44.8 |
| 12:00 AM - 01:00 AM | 49.0 | 69.2 | 44.5 |
| 01:00 AM - 02:00 AM | 51.4 | 69.4 | 44.5 |
| 02:00 AM - 03:00 AM | 55.0 | 72.2 | 45.4 |
| 03:00 AM - 04:00 AM | 60.1 | 78.5 | 50.8 |
| 04:00 AM - 05:00 AM | 65.1 | 92.6 | 56.8 |
| 05:00 AM - 06:00 AM | 65.3 | 94.5 | 53.9 |
| 06:00 AM - 07:00 AM | 64.8 | 83.1 | 51.5 |
| 07:00 AM - 08:00 AM | 65.0 | 82.7 | 51.0 |
| 08:00 AM - 09:00 AM | 63.7 | 83.0 | 49.5 |
| 09:00 AM - 10:00 AM | 62.4 | 83.2 | 51.2 |
| 10:00 AM - 11:00 AM | 64.9 | 85.2 | 51.2 |
| 11:00 AM - 12:00 PM | 66.3 | 99.1 | 51.3 |

Leq Average 24 hrs. (dB(A)) 62.5
Lmax (dB(A)) 99.1
L90 (dB(A)) 50.7
Ldn (dB(A)) 67.8
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671776-1

Page 1 of 1

Sample Number 2351980-31
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศใต้ (N5) (GPS 47P 0732315, 1445485)
Measurement Date May 25 - May 26, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 623389

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 67.1 | 90.7 | 52.1 |
| 01:00 PM - 02:00 PM | 65.1 | 87.7 | 51.0 |
| 02:00 PM - 03:00 PM | 60.9 | 79.1 | 53.6 |
| 03:00 PM - 04:00 PM | 62.6 | 86.8 | 53.5 |
| 04:00 PM - 05:00 PM | 60.5 | 83.9 | 50.7 |
| 05:00 PM - 06:00 PM | 61.0 | 81.9 | 49.2 |
| 06:00 PM - 07:00 PM | 56.9 | 77.2 | 47.4 |
| 07:00 PM - 08:00 PM | 54.4 | 83.2 | 45.7 |
| 08:00 PM - 09:00 PM | 53.0 | 80.1 | 44.5 |
| 09:00 PM - 10:00 PM | 64.6 | 85.5 | 41.1 |
| 10:00 PM - 11:00 PM | 58.8 | 85.6 | 44.6 |
| 11:00 PM - 12:00 AM | 48.7 | 67.5 | 43.9 |
| 12:00 AM - 01:00 AM | 48.2 | 67.2 | 43.4 |
| 01:00 AM - 02:00 AM | 54.0 | 77.6 | 44.9 |
| 02:00 AM - 03:00 AM | 55.3 | 73.0 | 44.3 |
| 03:00 AM - 04:00 AM | 59.4 | 81.1 | 51.0 |
| 04:00 AM - 05:00 AM | 67.6 | 91.1 | 55.9 |
| 05:00 AM - 06:00 AM | 64.2 | 88.9 | 52.8 |
| 06:00 AM - 07:00 AM | 67.2 | 92.1 | 51.9 |
| 07:00 AM - 08:00 AM | 67.7 | 93.3 | 51.4 |
| 08:00 AM - 09:00 AM | 66.6 | 94.0 | 53.6 |
| 09:00 AM - 10:00 AM | 60.4 | 91.3 | 49.2 |
| 10:00 AM - 11:00 AM | 67.1 | 94.5 | 50.5 |
| 11:00 AM - 12:00 PM | 67.6 | 91.8 | 53.2 |

Leq Average 24 hrs. (dB(A)) 63.7
Lmax (dB(A)) 94.5
L90 (dB(A)) 50.5
Ldn (dB(A)) 69.2
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671777-1

Page 1 of 1

Sample Number 2351980-32
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศใต้ (N5) (GPS 47P 0732315, 1445485)
Measurement Date May 26 - May 27, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 623389

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 67.7 | 96.6 | 52.3 |
| 01:00 PM - 02:00 PM | 64.1 | 81.3 | 51.7 |
| 02:00 PM - 03:00 PM | 64.9 | 95.3 | 55.1 |
| 03:00 PM - 04:00 PM | 62.7 | 85.8 | 53.0 |
| 04:00 PM - 05:00 PM | 61.9 | 82.8 | 52.5 |
| 05:00 PM - 06:00 PM | 61.0 | 84.6 | 49.1 |
| 06:00 PM - 07:00 PM | 55.9 | 74.1 | 47.5 |
| 07:00 PM - 08:00 PM | 53.3 | 69.8 | 46.8 |
| 08:00 PM - 09:00 PM | 54.2 | 77.0 | 44.9 |
| 09:00 PM - 10:00 PM | 51.2 | 75.8 | 40.2 |
| 10:00 PM - 11:00 PM | 51.2 | 77.5 | 43.5 |
| 11:00 PM - 12:00 AM | 50.2 | 71.9 | 43.6 |
| 12:00 AM - 01:00 AM | 52.6 | 84.0 | 44.2 |
| 01:00 AM - 02:00 AM | 52.7 | 83.3 | 43.4 |
| 02:00 AM - 03:00 AM | 56.3 | 79.1 | 46.2 |
| 03:00 AM - 04:00 AM | 58.4 | 87.2 | 47.7 |
| 04:00 AM - 05:00 AM | 69.5 | 88.8 | 53.9 |
| 05:00 AM - 06:00 AM | 63.5 | 83.3 | 53.0 |
| 06:00 AM - 07:00 AM | 67.9 | 90.8 | 53.7 |
| 07:00 AM - 08:00 AM | 64.1 | 85.0 | 40.6 |
| 08:00 AM - 09:00 AM | 65.7 | 96.4 | 50.6 |
| 09:00 AM - 10:00 AM | 62.0 | 85.2 | 47.6 |
| 10:00 AM - 11:00 AM | 66.6 | 90.2 | 50.2 |
| 11:00 AM - 12:00 PM | 66.6 | 85.3 | 50.4 |

Leq Average 24 hrs. (dB(A)) 63.5
Lmax (dB(A)) 96.6
L90 (dB(A)) 47.7
Ldn (dB(A)) 69.7
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671778-1

Page 1 of 1

Sample Number 2351980-33
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศใต้ (N5) (GPS 47P 0732315, 1445485)
Measurement Date May 27 - May 28, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 623389

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 65.0 | 87.1 | 50.6 |
| 01:00 PM - 02:00 PM | 67.3 | 97.2 | 50.8 |
| 02:00 PM - 03:00 PM | 68.4 | 90.6 | 51.4 |
| 03:00 PM - 04:00 PM | 60.8 | 80.0 | 51.3 |
| 04:00 PM - 05:00 PM | 59.9 | 83.7 | 51.5 |
| 05:00 PM - 06:00 PM | 59.9 | 79.8 | 47.4 |
| 06:00 PM - 07:00 PM | 58.5 | 82.2 | 45.6 |
| 07:00 PM - 08:00 PM | 52.0 | 78.0 | 45.0 |
| 08:00 PM - 09:00 PM | 50.6 | 69.0 | 43.7 |
| 09:00 PM - 10:00 PM | 52.3 | 80.8 | 39.2 |
| 10:00 PM - 11:00 PM | 49.8 | 69.2 | 44.5 |
| 11:00 PM - 12:00 AM | 49.4 | 71.3 | 45.0 |
| 12:00 AM - 01:00 AM | 48.3 | 65.1 | 46.0 |
| 01:00 AM - 02:00 AM | 51.9 | 72.5 | 45.7 |
| 02:00 AM - 03:00 AM | 62.1 | 92.1 | 50.5 |
| 03:00 AM - 04:00 AM | 57.2 | 78.3 | 49.3 |
| 04:00 AM - 05:00 AM | 61.7 | 87.3 | 52.2 |
| 05:00 AM - 06:00 AM | 61.7 | 83.1 | 51.0 |
| 06:00 AM - 07:00 AM | 61.1 | 90.0 | 49.4 |
| 07:00 AM - 08:00 AM | 61.7 | 95.3 | 43.5 |
| 08:00 AM - 09:00 AM | 62.6 | 92.9 | 51.4 |
| 09:00 AM - 10:00 AM | 61.3 | 78.4 | 55.0 |
| 10:00 AM - 11:00 AM | 62.5 | 87.3 | 53.5 |
| 11:00 AM - 12:00 PM | 62.9 | 87.7 | 50.5 |

Leq Average 24 hrs. (dB(A)) 61.6
Lmax (dB(A)) 97.2
L90 (dB(A)) 49.4
Ldn (dB(A)) 66.0
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671779-1

Page 1 of 1

Sample Number 2351980-34
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศใต้ (N5) (GPS 47P 0732315, 1445485)
Measurement Date May 28 - May 29, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 623389

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 59.8 | 75.6 | 49.4 |
| 01:00 PM - 02:00 PM | 60.2 | 95.8 | 38.3 |
| 02:00 PM - 03:00 PM | 51.7 | 69.0 | 43.5 |
| 03:00 PM - 04:00 PM | 56.2 | 81.4 | 43.6 |
| 04:00 PM - 05:00 PM | 51.0 | 75.7 | 39.2 |
| 05:00 PM - 06:00 PM | 49.4 | 70.1 | 43.8 |
| 06:00 PM - 07:00 PM | 50.2 | 75.5 | 44.5 |
| 07:00 PM - 08:00 PM | 49.6 | 68.5 | 44.4 |
| 08:00 PM - 09:00 PM | 50.4 | 72.3 | 42.6 |
| 09:00 PM - 10:00 PM | 54.4 | 72.3 | 43.4 |
| 10:00 PM - 11:00 PM | 59.5 | 78.2 | 49.7 |
| 11:00 PM - 12:00 AM | 63.6 | 84.7 | 55.9 |
| 12:00 AM - 01:00 AM | 59.3 | 88.9 | 47.6 |
| 01:00 AM - 02:00 AM | 65.5 | 89.9 | 52.2 |
| 02:00 AM - 03:00 AM | 59.5 | 82.1 | 45.4 |
| 03:00 AM - 04:00 AM | 64.9 | 87.8 | 52.6 |
| 04:00 AM - 05:00 AM | 59.1 | 82.3 | 47.8 |
| 05:00 AM - 06:00 AM | 64.1 | 90.1 | 51.4 |
| 06:00 AM - 07:00 AM | 66.1 | 89.0 | 52.5 |
| 07:00 AM - 08:00 AM | 65.1 | 92.2 | 51.5 |
| 08:00 AM - 09:00 AM | 65.6 | 87.6 | 52.5 |
| 09:00 AM - 10:00 AM | 61.4 | 85.5 | 53.9 |
| 10:00 AM - 11:00 AM | 60.0 | 83.8 | 52.9 |
| 11:00 AM - 12:00 PM | 62.8 | 87.9 | 49.1 |

Leq Average 24 hrs. (dB(A)) 61.5
Lmax (dB(A)) 95.8
L90 (dB(A)) 47.8
Ldn (dB(A)) 69.3
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671780-1

Page 1 of 1

Sample Number 2351980-35
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศใต้ (N5) (GPS 47P 0732315, 1445485)
Measurement Date May 29 - May 30, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 623389

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 59.3 | 80.8 | 49.9 |
| 01:00 PM - 02:00 PM | 58.1 | 82.5 | 46.7 |
| 02:00 PM - 03:00 PM | 58.7 | 81.4 | 46.6 |
| 03:00 PM - 04:00 PM | 51.4 | 74.3 | 45.2 |
| 04:00 PM - 05:00 PM | 51.4 | 74.3 | 39.8 |
| 05:00 PM - 06:00 PM | 48.8 | 71.0 | 43.4 |
| 06:00 PM - 07:00 PM | 49.5 | 73.0 | 44.0 |
| 07:00 PM - 08:00 PM | 48.2 | 68.4 | 43.7 |
| 08:00 PM - 09:00 PM | 50.9 | 68.9 | 44.0 |
| 09:00 PM - 10:00 PM | 54.5 | 71.7 | 44.9 |
| 10:00 PM - 11:00 PM | 59.6 | 78.0 | 50.3 |
| 11:00 PM - 12:00 AM | 64.6 | 92.1 | 56.3 |
| 12:00 AM - 01:00 AM | 64.8 | 94.0 | 53.4 |
| 01:00 AM - 02:00 AM | 64.3 | 82.6 | 51.0 |
| 02:00 AM - 03:00 AM | 64.5 | 82.2 | 50.5 |
| 03:00 AM - 04:00 AM | 63.2 | 82.5 | 49.0 |
| 04:00 AM - 05:00 AM | 61.9 | 82.7 | 50.7 |
| 05:00 AM - 06:00 AM | 64.4 | 84.7 | 50.7 |
| 06:00 AM - 07:00 AM | 65.8 | 98.6 | 50.8 |
| 07:00 AM - 08:00 AM | 66.6 | 90.2 | 51.6 |
| 08:00 AM - 09:00 AM | 64.6 | 87.2 | 50.5 |
| 09:00 AM - 10:00 AM | 60.4 | 78.6 | 53.1 |
| 10:00 AM - 11:00 AM | 62.1 | 86.3 | 53.0 |
| 11:00 AM - 12:00 PM | 60.0 | 83.4 | 50.2 |

Leq Average 24 hrs. (dB(A)) 61.9
Lmax (dB(A)) 98.6
L90 (dB(A)) 50.2
Ldn (dB(A)) 70.0
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671781-1

Page 1 of 1

Sample Number 2351980-36
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันออก (N6) (GPS 47P 0731740, 1446365)
Measurement Date May 23 - May 24, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 233183

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 60.5 | 91.3 | 45.7 |
| 02:00 PM - 03:00 PM | 65.4 | 90.0 | 46.7 |
| 03:00 PM - 04:00 PM | 58.2 | 85.2 | 47.2 |
| 04:00 PM - 05:00 PM | 56.8 | 84.7 | 45.5 |
| 05:00 PM - 06:00 PM | 54.5 | 84.7 | 44.5 |
| 06:00 PM - 07:00 PM | 50.0 | 77.6 | 43.6 |
| 07:00 PM - 08:00 PM | 57.2 | 88.7 | 42.4 |
| 08:00 PM - 09:00 PM | 50.4 | 72.0 | 37.1 |
| 09:00 PM - 10:00 PM | 45.3 | 67.0 | 40.4 |
| 10:00 PM - 11:00 PM | 44.7 | 70.2 | 40.7 |
| 11:00 PM - 12:00 AM | 41.6 | 54.4 | 39.5 |
| 12:00 AM - 01:00 AM | 40.4 | 60.4 | 38.4 |
| 01:00 AM - 02:00 AM | 41.5 | 55.8 | 39.0 |
| 02:00 AM - 03:00 AM | 42.2 | 58.5 | 39.4 |
| 03:00 AM - 04:00 AM | 43.5 | 68.7 | 40.3 |
| 04:00 AM - 05:00 AM | 61.0 | 83.1 | 42.7 |
| 05:00 AM - 06:00 AM | 58.8 | 78.3 | 46.8 |
| 06:00 AM - 07:00 AM | 61.0 | 89.1 | 50.8 |
| 07:00 AM - 08:00 AM | 62.1 | 88.7 | 52.8 |
| 08:00 AM - 09:00 AM | 61.0 | 86.8 | 52.4 |
| 09:00 AM - 10:00 AM | 61.5 | 82.8 | 53.4 |
| 10:00 AM - 11:00 AM | 60.2 | 97.6 | 44.1 |
| 11:00 AM - 12:00 PM | 59.8 | 81.6 | 47.5 |
| 12:00 PM - 01:00 PM | 64.4 | 93.2 | 51.7 |

Leq Average 24 hrs. (dB(A)) 59.0
Lmax (dB(A)) 97.6
L90 (dB(A)) 44.1
Ldn (dB(A)) 63.2
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671782-1

Page 1 of 1

Sample Number 2351980-37
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันออก (N6) (GPS 47P 0731740, 1446365)
Measurement Date May 24 - May 25, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 233183

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 59.3 | 87.5 | 51.4 |
| 02:00 PM - 03:00 PM | 61.0 | 84.1 | 53.3 |
| 03:00 PM - 04:00 PM | 60.3 | 81.7 | 47.6 |
| 04:00 PM - 05:00 PM | 58.1 | 83.7 | 44.0 |
| 05:00 PM - 06:00 PM | 60.0 | 90.2 | 44.3 |
| 06:00 PM - 07:00 PM | 54.4 | 79.4 | 45.7 |
| 07:00 PM - 08:00 PM | 54.5 | 86.8 | 43.9 |
| 08:00 PM - 09:00 PM | 48.5 | 74.3 | 43.5 |
| 09:00 PM - 10:00 PM | 45.3 | 72.0 | 42.2 |
| 10:00 PM - 11:00 PM | 43.7 | 57.6 | 41.5 |
| 11:00 PM - 12:00 AM | 42.5 | 63.4 | 40.1 |
| 12:00 AM - 01:00 AM | 43.2 | 57.9 | 39.4 |
| 01:00 AM - 02:00 AM | 44.1 | 63.9 | 40.9 |
| 02:00 AM - 03:00 AM | 43.2 | 52.1 | 41.5 |
| 03:00 AM - 04:00 AM | 44.2 | 55.7 | 42.4 |
| 04:00 AM - 05:00 AM | 52.1 | 77.0 | 43.3 |
| 05:00 AM - 06:00 AM | 58.9 | 84.4 | 48.0 |
| 06:00 AM - 07:00 AM | 64.5 | 86.2 | 52.3 |
| 07:00 AM - 08:00 AM | 61.5 | 87.3 | 54.3 |
| 08:00 AM - 09:00 AM | 60.0 | 80.9 | 53.0 |
| 09:00 AM - 10:00 AM | 60.5 | 80.0 | 51.9 |
| 10:00 AM - 11:00 AM | 57.5 | 79.2 | 42.8 |
| 11:00 AM - 12:00 PM | 61.0 | 85.6 | 51.4 |
| 12:00 PM - 01:00 PM | 62.0 | 85.3 | 52.4 |

Leq Average 24 hrs. (dB(A)) 58.3
Lmax (dB(A)) 90.2
L90 (dB(A)) 44.0
Ldn (dB(A)) 63.3
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671783-1

Page 1 of 1

Sample Number 2351980-38
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันออก (N6) (GPS 47P 0731740, 1446365)
Measurement Date May 25 - May 26, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 233183

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 61.7 | 87.5 | 51.6 |
| 02:00 PM - 03:00 PM | 62.6 | 87.0 | 50.6 |
| 03:00 PM - 04:00 PM | 56.7 | 77.4 | 43.7 |
| 04:00 PM - 05:00 PM | 59.4 | 88.5 | 44.8 |
| 05:00 PM - 06:00 PM | 49.9 | 74.7 | 42.0 |
| 06:00 PM - 07:00 PM | 49.9 | 77.6 | 42.5 |
| 07:00 PM - 08:00 PM | 47.2 | 74.9 | 42.3 |
| 08:00 PM - 09:00 PM | 46.8 | 73.1 | 42.5 |
| 09:00 PM - 10:00 PM | 54.4 | 86.0 | 41.7 |
| 10:00 PM - 11:00 PM | 44.7 | 67.2 | 40.9 |
| 11:00 PM - 12:00 AM | 45.7 | 74.6 | 40.9 |
| 12:00 AM - 01:00 AM | 43.9 | 69.2 | 40.1 |
| 01:00 AM - 02:00 AM | 40.7 | 51.1 | 38.3 |
| 02:00 AM - 03:00 AM | 41.4 | 52.7 | 39.6 |
| 03:00 AM - 04:00 AM | 42.5 | 67.2 | 39.1 |
| 04:00 AM - 05:00 AM | 51.7 | 80.1 | 42.2 |
| 05:00 AM - 06:00 AM | 59.2 | 80.7 | 44.2 |
| 06:00 AM - 07:00 AM | 63.2 | 83.0 | 53.0 |
| 07:00 AM - 08:00 AM | 62.7 | 87.2 | 51.7 |
| 08:00 AM - 09:00 AM | 63.6 | 87.8 | 52.6 |
| 09:00 AM - 10:00 AM | 63.0 | 85.2 | 52.8 |
| 10:00 AM - 11:00 AM | 56.2 | 76.9 | 43.1 |
| 11:00 AM - 12:00 PM | 60.5 | 86.0 | 43.6 |
| 12:00 PM - 01:00 PM | 63.3 | 88.1 | 51.8 |

Leq Average 24 hrs. (dB(A)) 58.8
Lmax (dB(A)) 88.5
L90 (dB(A)) 42.5
Ldn (dB(A)) 62.9
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671784-1

Page 1 of 1

Sample Number 2351980-39
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันออก (N6) (GPS 47P 0731740, 1446365)
Measurement Date May 26 - May 27, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 233183

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 63.1 | 85.6 | 51.6 |
| 02:00 PM - 03:00 PM | 62.2 | 87.3 | 50.2 |
| 03:00 PM - 04:00 PM | 60.5 | 83.4 | 45.3 |
| 04:00 PM - 05:00 PM | 55.0 | 76.6 | 41.7 |
| 05:00 PM - 06:00 PM | 50.9 | 74.2 | 42.1 |
| 06:00 PM - 07:00 PM | 57.5 | 87.7 | 45.7 |
| 07:00 PM - 08:00 PM | 51.7 | 80.7 | 43.5 |
| 08:00 PM - 09:00 PM | 49.4 | 73.5 | 44.7 |
| 09:00 PM - 10:00 PM | 51.5 | 77.4 | 43.4 |
| 10:00 PM - 11:00 PM | 47.0 | 71.9 | 39.9 |
| 11:00 PM - 12:00 AM | 40.7 | 56.4 | 37.8 |
| 12:00 AM - 01:00 AM | 40.8 | 54.0 | 38.0 |
| 01:00 AM - 02:00 AM | 41.8 | 54.8 | 39.4 |
| 02:00 AM - 03:00 AM | 45.5 | 71.4 | 39.0 |
| 03:00 AM - 04:00 AM | 45.9 | 72.7 | 39.7 |
| 04:00 AM - 05:00 AM | 45.2 | 71.4 | 41.5 |
| 05:00 AM - 06:00 AM | 60.1 | 90.5 | 44.8 |
| 06:00 AM - 07:00 AM | 62.0 | 90.8 | 49.6 |
| 07:00 AM - 08:00 AM | 60.2 | 84.0 | 50.5 |
| 08:00 AM - 09:00 AM | 62.3 | 83.0 | 50.8 |
| 09:00 AM - 10:00 AM | 62.2 | 84.3 | 50.7 |
| 10:00 AM - 11:00 AM | 62.8 | 88.3 | 47.1 |
| 11:00 AM - 12:00 PM | 59.8 | 82.2 | 42.6 |
| 12:00 PM - 01:00 PM | 63.2 | 87.3 | 48.9 |

Leq Average 24 hrs. (dB(A)) 58.8
Lmax (dB(A)) 90.8
L90 (dB(A)) 43.5
Ldn (dB(A)) 62.6
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671785-1

Page 1 of 1

Sample Number 2351980-40
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันออก (N6) (GPS 47P 0731740, 1446365)
Measurement Date May 27 - May 28, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 233183

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 65.5 | 92.6 | 54.1 |
| 02:00 PM - 03:00 PM | 66.7 | 87.9 | 54.2 |
| 03:00 PM - 04:00 PM | 67.1 | 90.1 | 49.4 |
| 04:00 PM - 05:00 PM | 59.5 | 89.7 | 41.2 |
| 05:00 PM - 06:00 PM | 60.6 | 90.7 | 41.0 |
| 06:00 PM - 07:00 PM | 51.8 | 79.4 | 42.1 |
| 07:00 PM - 08:00 PM | 54.9 | 86.8 | 38.8 |
| 08:00 PM - 09:00 PM | 42.2 | 68.5 | 39.0 |
| 09:00 PM - 10:00 PM | 45.0 | 71.3 | 39.5 |
| 10:00 PM - 11:00 PM | 48.9 | 79.3 | 39.2 |
| 11:00 PM - 12:00 AM | 58.6 | 66.6 | 56.8 |
| 12:00 AM - 01:00 AM | 58.7 | 67.0 | 57.2 |
| 01:00 AM - 02:00 AM | 59.6 | 67.1 | 58.1 |
| 02:00 AM - 03:00 AM | 55.9 | 91.2 | 37.1 |
| 03:00 AM - 04:00 AM | 44.7 | 66.4 | 39.8 |
| 04:00 AM - 05:00 AM | 44.1 | 69.6 | 40.1 |
| 05:00 AM - 06:00 AM | 41.0 | 53.8 | 38.9 |
| 06:00 AM - 07:00 AM | 62.5 | 85.5 | 49.6 |
| 07:00 AM - 08:00 AM | 60.9 | 87.5 | 44.6 |
| 08:00 AM - 09:00 AM | 62.7 | 95.3 | 43.3 |
| 09:00 AM - 10:00 AM | 52.2 | 77.1 | 44.6 |
| 10:00 AM - 11:00 AM | 58.7 | 81.6 | 45.3 |
| 11:00 AM - 12:00 PM | 39.8 | 59.8 | 37.8 |
| 12:00 PM - 01:00 PM | 40.9 | 55.2 | 38.4 |

Leq Average 24 hrs. (dB(A)) 60.1
Lmax (dB(A)) 95.3
L90 (dB(A)) 41.2
Ldn (dB(A)) 64.4
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671786-1

Page 1 of 1

Sample Number 2351980-41
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันออก (N6) (GPS 47P 0731740, 1446365)
Measurement Date May 28 - May 29, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 233183

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 41.6 | 57.9 | 38.8 |
| 02:00 PM - 03:00 PM | 42.9 | 68.1 | 39.7 |
| 03:00 PM - 04:00 PM | 60.4 | 82.5 | 42.1 |
| 04:00 PM - 05:00 PM | 58.2 | 77.7 | 46.2 |
| 05:00 PM - 06:00 PM | 60.4 | 88.5 | 50.2 |
| 06:00 PM - 07:00 PM | 61.5 | 88.1 | 52.2 |
| 07:00 PM - 08:00 PM | 60.4 | 86.2 | 51.8 |
| 08:00 PM - 09:00 PM | 60.9 | 82.2 | 52.8 |
| 09:00 PM - 10:00 PM | 59.6 | 97.0 | 43.5 |
| 10:00 PM - 11:00 PM | 59.2 | 81.0 | 46.9 |
| 11:00 PM - 12:00 AM | 47.6 | 73.4 | 42.6 |
| 12:00 AM - 01:00 AM | 44.4 | 71.1 | 41.3 |
| 01:00 AM - 02:00 AM | 42.8 | 56.7 | 40.6 |
| 02:00 AM - 03:00 AM | 59.7 | 81.1 | 47.0 |
| 03:00 AM - 04:00 AM | 57.5 | 83.1 | 43.4 |
| 04:00 AM - 05:00 AM | 59.1 | 89.3 | 43.4 |
| 05:00 AM - 06:00 AM | 53.5 | 78.5 | 44.8 |
| 06:00 AM - 07:00 AM | 53.6 | 85.9 | 43.0 |
| 07:00 AM - 08:00 AM | 47.6 | 73.4 | 42.6 |
| 08:00 AM - 09:00 AM | 63.8 | 92.6 | 51.1 |
| 09:00 AM - 10:00 AM | 58.7 | 86.9 | 50.8 |
| 10:00 AM - 11:00 AM | 60.4 | 83.5 | 52.7 |
| 11:00 AM - 12:00 PM | 42.3 | 57.0 | 38.5 |
| 12:00 PM - 01:00 PM | 43.2 | 63.0 | 40.0 |

Leq Average 24 hrs. (dB(A)) 58.1
Lmax (dB(A)) 97.0
L90 (dB(A)) 43.4
Ldn (dB(A)) 63.1
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Suppt S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671787-1

Page 1 of 1

Sample Number 2351980-42
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันออก (N6) (GPS 47P 0731740, 1446365)
Measurement Date May 29 - May 30, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 233183

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 01:00 PM - 02:00 PM | 42.3 | 51.2 | 40.6 |
| 02:00 PM - 03:00 PM | 43.3 | 54.8 | 41.5 |
| 03:00 PM - 04:00 PM | 51.2 | 76.1 | 42.4 |
| 04:00 PM - 05:00 PM | 58.0 | 83.5 | 47.1 |
| 05:00 PM - 06:00 PM | 63.6 | 85.3 | 51.4 |
| 06:00 PM - 07:00 PM | 60.6 | 86.4 | 53.4 |
| 07:00 PM - 08:00 PM | 59.1 | 80.0 | 52.1 |
| 08:00 PM - 09:00 PM | 59.6 | 79.1 | 51.0 |
| 09:00 PM - 10:00 PM | 56.6 | 78.3 | 41.9 |
| 10:00 PM - 11:00 PM | 60.1 | 84.7 | 50.5 |
| 11:00 PM - 12:00 AM | 61.1 | 84.4 | 51.5 |
| 12:00 AM - 01:00 AM | 60.8 | 86.6 | 50.7 |
| 01:00 AM - 02:00 AM | 61.7 | 86.1 | 49.7 |
| 02:00 AM - 03:00 AM | 55.8 | 76.5 | 42.8 |
| 03:00 AM - 04:00 AM | 58.5 | 87.6 | 43.9 |
| 04:00 AM - 05:00 AM | 49.0 | 73.8 | 41.1 |
| 05:00 AM - 06:00 AM | 49.0 | 76.7 | 41.6 |
| 06:00 AM - 07:00 AM | 46.3 | 74.0 | 41.4 |
| 07:00 AM - 08:00 AM | 45.9 | 72.2 | 41.6 |
| 08:00 AM - 09:00 AM | 53.5 | 85.1 | 40.8 |
| 09:00 AM - 10:00 AM | 43.8 | 66.3 | 40.0 |
| 10:00 AM - 11:00 AM | 41.6 | 66.3 | 38.2 |
| 11:00 AM - 12:00 PM | 50.8 | 79.2 | 41.3 |
| 12:00 PM - 01:00 PM | 58.3 | 79.8 | 43.3 |

Leq Average 24 hrs. (dB(A)) 57.6
Lmax (dB(A)) 87.6
L90 (dB(A)) 42.4
Ldn (dB(A)) 64.7
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671788-1

Page 1 of 1

Sample Number 2351980-43
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันตก (N7) (GPS 47P 0731576, 1446035)
Measurement Date May 23 - May 24, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 572561

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 57.1 | 79.0 | 45.2 |
| 03:00 PM - 04:00 PM | 60.0 | 77.1 | 49.2 |
| 04:00 PM - 05:00 PM | 60.0 | 83.3 | 47.6 |
| 05:00 PM - 06:00 PM | 57.2 | 84.6 | 46.6 |
| 06:00 PM - 07:00 PM | 53.8 | 78.5 | 45.8 |
| 07:00 PM - 08:00 PM | 58.3 | 79.8 | 44.8 |
| 08:00 PM - 09:00 PM | 54.8 | 93.4 | 16.9 |
| 09:00 PM - 10:00 PM | 48.8 | 79.0 | 41.6 |
| 10:00 PM - 11:00 PM | 48.6 | 74.1 | 42.6 |
| 11:00 PM - 12:00 AM | 47.8 | 77.8 | 41.0 |
| 12:00 AM - 01:00 AM | 45.6 | 74.0 | 41.2 |
| 01:00 AM - 02:00 AM | 42.9 | 52.2 | 40.6 |
| 02:00 AM - 03:00 AM | 42.5 | 53.6 | 39.8 |
| 03:00 AM - 04:00 AM | 50.5 | 74.9 | 42.0 |
| 04:00 AM - 05:00 AM | 56.4 | 82.3 | 46.0 |
| 05:00 AM - 06:00 AM | 63.4 | 94.7 | 47.3 |
| 06:00 AM - 07:00 AM | 58.0 | 81.4 | 47.9 |
| 07:00 AM - 08:00 AM | 57.9 | 78.2 | 48.2 |
| 08:00 AM - 09:00 AM | 58.4 | 77.2 | 45.6 |
| 09:00 AM - 10:00 AM | 60.5 | 86.5 | 47.5 |
| 10:00 AM - 11:00 AM | 55.6 | 82.6 | 46.7 |
| 11:00 AM - 12:00 PM | 54.2 | 77.5 | 45.3 |
| 12:00 PM - 01:00 PM | 52.8 | 75.5 | 44.7 |
| 01:00 PM - 02:00 PM | 53.7 | 76.0 | 45.7 |

Leq Average 24 hrs. (dB(A)) 56.8
Lmax (dB(A)) 94.7
L90 (dB(A)) 45.3
Ldn (dB(A)) 62.6
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671789-1

Page 1 of 1

Sample Number 2351980-44
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันตก (N7) (GPS 47P 0731576, 1446035)
Measurement Date May 24 - May 25, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 572561

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 54.6 | 78.4 | 48.5 |
| 03:00 PM - 04:00 PM | 56.9 | 81.7 | 47.6 |
| 04:00 PM - 05:00 PM | 60.1 | 83.9 | 47.2 |
| 05:00 PM - 06:00 PM | 54.1 | 76.5 | 45.5 |
| 06:00 PM - 07:00 PM | 54.3 | 73.1 | 48.9 |
| 07:00 PM - 08:00 PM | 53.6 | 81.0 | 48.1 |
| 08:00 PM - 09:00 PM | 54.8 | 86.5 | 46.8 |
| 09:00 PM - 10:00 PM | 48.8 | 71.7 | 43.7 |
| 10:00 PM - 11:00 PM | 50.0 | 77.4 | 42.6 |
| 11:00 PM - 12:00 AM | 49.5 | 78.3 | 43.1 |
| 12:00 AM - 01:00 AM | 43.9 | 67.2 | 40.5 |
| 01:00 AM - 02:00 AM | 44.6 | 64.3 | 42.7 |
| 02:00 AM - 03:00 AM | 48.7 | 74.9 | 41.1 |
| 03:00 AM - 04:00 AM | 52.6 | 82.6 | 42.8 |
| 04:00 AM - 05:00 AM | 54.2 | 78.9 | 45.0 |
| 05:00 AM - 06:00 AM | 60.1 | 84.0 | 48.4 |
| 06:00 AM - 07:00 AM | 60.4 | 88.7 | 47.5 |
| 07:00 AM - 08:00 AM | 59.5 | 90.7 | 46.9 |
| 08:00 AM - 09:00 AM | 56.2 | 81.9 | 47.5 |
| 09:00 AM - 10:00 AM | 57.6 | 85.2 | 46.0 |
| 10:00 AM - 11:00 AM | 55.1 | 81.0 | 43.1 |
| 11:00 AM - 12:00 PM | 52.9 | 78.9 | 42.0 |
| 12:00 PM - 01:00 PM | 52.5 | 79.0 | 45.2 |
| 01:00 PM - 02:00 PM | 53.1 | 75.2 | 43.9 |

Leq Average 24 hrs. (dB(A)) 55.5
Lmax (dB(A)) 90.7
L90 (dB(A)) 45.2
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671790-1

Page 1 of 1

Sample Number 2351980-45
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันตก (N7) (GPS 47P 0731576, 1446035)
Measurement Date May 25 - May 26, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 572561

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 55.8 | 89.0 | 44.4 |
| 03:00 PM - 04:00 PM | 55.6 | 75.9 | 44.0 |
| 04:00 PM - 05:00 PM | 58.5 | 77.6 | 45.4 |
| 05:00 PM - 06:00 PM | 58.7 | 89.1 | 46.3 |
| 06:00 PM - 07:00 PM | 53.0 | 77.1 | 46.9 |
| 07:00 PM - 08:00 PM | 49.9 | 69.7 | 44.7 |
| 08:00 PM - 09:00 PM | 51.4 | 72.1 | 45.9 |
| 09:00 PM - 10:00 PM | 49.0 | 69.0 | 43.2 |
| 10:00 PM - 11:00 PM | 51.0 | 81.5 | 42.6 |
| 11:00 PM - 12:00 AM | 49.5 | 76.1 | 41.1 |
| 12:00 AM - 01:00 AM | 49.0 | 68.1 | 42.9 |
| 01:00 AM - 02:00 AM | 43.9 | 58.6 | 40.3 |
| 02:00 AM - 03:00 AM | 54.1 | 88.2 | 39.5 |
| 03:00 AM - 04:00 AM | 48.8 | 74.6 | 39.9 |
| 04:00 AM - 05:00 AM | 55.4 | 80.4 | 43.8 |
| 05:00 AM - 06:00 AM | 58.5 | 83.1 | 45.0 |
| 06:00 AM - 07:00 AM | 60.4 | 90.1 | 44.4 |
| 07:00 AM - 08:00 AM | 56.6 | 84.7 | 44.1 |
| 08:00 AM - 09:00 AM | 57.1 | 82.6 | 50.5 |
| 09:00 AM - 10:00 AM | 56.9 | 82.8 | 49.8 |
| 10:00 AM - 11:00 AM | 54.6 | 78.9 | 44.6 |
| 11:00 AM - 12:00 PM | 52.9 | 76.0 | 42.6 |
| 12:00 PM - 01:00 PM | 56.8 | 81.0 | 47.5 |
| 01:00 PM - 02:00 PM | 54.5 | 76.8 | 46.2 |

Leq Average 24 hrs. (dB(A)) 55.3
Lmax (dB(A)) 90.1
L90 (dB(A)) 44.4
Ldn (dB(A)) 61.4
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671791-1

Page 1 of 1

Sample Number 2351980-46
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันตก (N7) (GPS 47P 0731576, 1446035)
Measurement Date May 26 - May 27, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 572561

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 55.2 | 82.2 | 43.8 |
| 03:00 PM - 04:00 PM | 56.3 | 77.4 | 42.9 |
| 04:00 PM - 05:00 PM | 58.5 | 77.1 | 43.6 |
| 05:00 PM - 06:00 PM | 56.4 | 83.1 | 44.4 |
| 06:00 PM - 07:00 PM | 57.5 | 86.1 | 47.3 |
| 07:00 PM - 08:00 PM | 50.6 | 71.6 | 46.2 |
| 08:00 PM - 09:00 PM | 50.1 | 71.8 | 46.9 |
| 09:00 PM - 10:00 PM | 48.6 | 66.1 | 46.7 |
| 10:00 PM - 11:00 PM | 58.7 | 91.3 | 45.7 |
| 11:00 PM - 12:00 AM | 51.4 | 80.5 | 42.6 |
| 12:00 AM - 01:00 AM | 48.3 | 74.2 | 41.5 |
| 01:00 AM - 02:00 AM | 45.5 | 55.0 | 42.2 |
| 02:00 AM - 03:00 AM | 45.0 | 63.9 | 41.7 |
| 03:00 AM - 04:00 AM | 50.7 | 79.5 | 40.8 |
| 04:00 AM - 05:00 AM | 54.3 | 79.4 | 43.1 |
| 05:00 AM - 06:00 AM | 56.5 | 82.3 | 45.0 |
| 06:00 AM - 07:00 AM | 59.1 | 88.1 | 46.1 |
| 07:00 AM - 08:00 AM | 53.4 | 77.4 | 44.1 |
| 08:00 AM - 09:00 AM | 55.9 | 81.2 | 46.2 |
| 09:00 AM - 10:00 AM | 54.0 | 82.1 | 46.3 |
| 10:00 AM - 11:00 AM | 55.0 | 79.6 | 43.1 |
| 11:00 AM - 12:00 PM | 58.9 | 90.6 | 42.8 |
| 12:00 PM - 01:00 PM | 51.7 | 75.1 | 44.0 |
| 01:00 PM - 02:00 PM | 49.6 | 69.9 | 42.7 |

Leq Average 24 hrs. (dB(A)) 55.0
Lmax (dB(A)) 91.3
L90 (dB(A)) 43.8
Ldn (dB(A)) 61.2
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671792-1

Page 1 of 1

Sample Number 2351980-47
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันตก (N7) (GPS 47P 0731576, 1446035)
Measurement Date May 27 - May 28, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 572561

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 56.6 | 87.8 | 43.4 |
| 03:00 PM - 04:00 PM | 55.9 | 79.9 | 42.9 |
| 04:00 PM - 05:00 PM | 57.2 | 85.9 | 42.5 |
| 05:00 PM - 06:00 PM | 53.7 | 74.7 | 43.8 |
| 06:00 PM - 07:00 PM | 52.8 | 73.4 | 46.4 |
| 07:00 PM - 08:00 PM | 52.2 | 77.6 | 45.1 |
| 08:00 PM - 09:00 PM | 48.6 | 72.0 | 43.9 |
| 09:00 PM - 10:00 PM | 45.7 | 67.3 | 42.2 |
| 10:00 PM - 11:00 PM | 46.1 | 71.0 | 42.3 |
| 11:00 PM - 12:00 AM | 46.3 | 76.2 | 40.4 |
| 12:00 AM - 01:00 AM | 46.7 | 76.5 | 41.1 |
| 01:00 AM - 02:00 AM | 49.5 | 57.1 | 43.6 |
| 02:00 AM - 03:00 AM | 56.5 | 89.0 | 41.6 |
| 03:00 AM - 04:00 AM | 62.8 | 91.7 | 46.8 |
| 04:00 AM - 05:00 AM | 55.2 | 78.5 | 48.1 |
| 05:00 AM - 06:00 AM | 55.3 | 75.9 | 47.3 |
| 06:00 AM - 07:00 AM | 56.3 | 83.9 | 47.7 |
| 07:00 AM - 08:00 AM | 52.4 | 73.7 | 46.3 |
| 08:00 AM - 09:00 AM | 60.0 | 86.8 | 46.4 |
| 09:00 AM - 10:00 AM | 51.9 | 73.1 | 45.0 |
| 10:00 AM - 11:00 AM | 54.4 | 82.6 | 41.9 |
| 11:00 AM - 12:00 PM | 51.5 | 71.8 | 44.2 |
| 12:00 PM - 01:00 PM | 52.0 | 82.0 | 43.2 |
| 01:00 PM - 02:00 PM | 51.6 | 74.9 | 42.4 |

Leq Average 24 hrs. (dB(A)) 55.1
Lmax (dB(A)) 91.7
L90 (dB(A)) 43.6
Ldn (dB(A)) 62.3
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671793-1

Page 1 of 1

Sample Number 2351980-48
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันตก (N7) (GPS 47P 0731576, 1446035)
Measurement Date May 28 - May 29, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 572561

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 54.2 | 86.2 | 41.8 |
| 03:00 PM - 04:00 PM | 50.3 | 74.1 | 41.3 |
| 04:00 PM - 05:00 PM | 55.4 | 85.9 | 43.5 |
| 05:00 PM - 06:00 PM | 54.6 | 82.6 | 45.2 |
| 06:00 PM - 07:00 PM | 52.7 | 78.1 | 46.0 |
| 07:00 PM - 08:00 PM | 52.8 | 81.8 | 43.6 |
| 08:00 PM - 09:00 PM | 49.7 | 70.4 | 44.2 |
| 09:00 PM - 10:00 PM | 49.6 | 75.8 | 44.4 |
| 10:00 PM - 11:00 PM | 52.3 | 74.1 | 44.9 |
| 11:00 PM - 12:00 AM | 51.9 | 74.2 | 44.9 |
| 12:00 AM - 01:00 AM | 50.9 | 72.7 | 44.6 |
| 01:00 AM - 02:00 AM | 51.6 | 76.1 | 44.4 |
| 02:00 AM - 03:00 AM | 48.4 | 68.0 | 43.8 |
| 03:00 AM - 04:00 AM | 52.6 | 86.1 | 40.7 |
| 04:00 AM - 05:00 AM | 58.3 | 88.7 | 46.7 |
| 05:00 AM - 06:00 AM | 59.6 | 88.9 | 45.9 |
| 06:00 AM - 07:00 AM | 59.9 | 83.9 | 47.1 |
| 07:00 AM - 08:00 AM | 55.4 | 75.5 | 46.0 |
| 08:00 AM - 09:00 AM | 53.8 | 74.5 | 44.7 |
| 09:00 AM - 10:00 AM | 52.6 | 77.1 | 44.3 |
| 10:00 AM - 11:00 AM | 52.5 | 76.9 | 41.8 |
| 11:00 AM - 12:00 PM | 52.9 | 76.4 | 42.4 |
| 12:00 PM - 01:00 PM | 56.1 | 87.7 | 44.7 |
| 01:00 PM - 02:00 PM | 54.2 | 78.8 | 45.9 |

Leq Average 24 hrs. (dB(A)) 54.5
Lmax (dB(A)) 88.9
L90 (dB(A)) 44.4
Ldn (dB(A)) 61.9
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok Thailand 10310

P/O :

Project Name : Khao Khan Song

Project Location :

Lot ID: 2351980

Date Received : May 31, 2023

Date Reported : Jun 07, 2023

Report Number: 2671794-1

Page 1 of 1

Sample Number 2351980-49
Parameter Noise (Leq 24 hrs.)
Location บริเวณริมรั้วโครงการด้านทิศตะวันตก (N7) (GPS 47P 0731576, 1446035)
Measurement Date May 29 - May 30, 2023
Measurement by Jakkarin Manwicha
Sound Level meter Serial No. 572561

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 58.6 | 93.4 | 46.5 |
| 03:00 PM - 04:00 PM | 56.1 | 80.0 | 47.3 |
| 04:00 PM - 05:00 PM | 60.1 | 83.7 | 46.5 |
| 05:00 PM - 06:00 PM | 54.6 | 76.1 | 45.0 |
| 06:00 PM - 07:00 PM | 52.6 | 78.2 | 45.6 |
| 07:00 PM - 08:00 PM | 56.5 | 78.4 | 44.6 |
| 08:00 PM - 09:00 PM | 59.4 | 76.5 | 48.6 |
| 09:00 PM - 10:00 PM | 59.4 | 82.7 | 47.0 |
| 10:00 PM - 11:00 PM | 56.6 | 84.0 | 46.0 |
| 11:00 PM - 12:00 AM | 53.2 | 77.9 | 45.2 |
| 12:00 AM - 01:00 AM | 57.7 | 79.2 | 44.2 |
| 01:00 AM - 02:00 AM | 54.0 | 92.6 | 16.1 |
| 02:00 AM - 03:00 AM | 48.0 | 78.2 | 40.8 |
| 03:00 AM - 04:00 AM | 47.8 | 73.3 | 41.8 |
| 04:00 AM - 05:00 AM | 47.2 | 77.2 | 40.4 |
| 05:00 AM - 06:00 AM | 45.0 | 73.4 | 40.6 |
| 06:00 AM - 07:00 AM | 42.3 | 51.6 | 40.0 |
| 07:00 AM - 08:00 AM | 41.9 | 53.0 | 39.2 |
| 08:00 AM - 09:00 AM | 49.9 | 74.3 | 41.4 |
| 09:00 AM - 10:00 AM | 55.8 | 81.7 | 45.4 |
| 10:00 AM - 11:00 AM | 62.8 | 94.1 | 46.7 |
| 11:00 AM - 12:00 PM | 57.4 | 80.8 | 47.3 |
| 12:00 PM - 01:00 PM | 57.3 | 77.6 | 47.6 |
| 01:00 PM - 02:00 PM | 57.8 | 76.6 | 45.0 |

Leq Average 24 hrs. (dB(A)) 56.5
Lmax (dB(A)) 94.1
L90 (dB(A)) 45.0
Ldn (dB(A)) 60.4
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 K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673470-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-1
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 51.0 | 53.4 | -2.4 | 7.0 | 44.0 | - | 45.9 | -1.9 |
| 12:00 PM - 01:00 PM | 55.7 | 54.8 | 0.9 | 7.0 | 48.7 | - | 47.3 | 1.4 |
| 01:00 PM - 02:00 PM | 55.7 | 52.6 | 3.1 | 3.0 | 52.7 | - | 46.2 | 6.5 |
| 02:00 PM - 03:00 PM | 52.9 | 51.1 | 1.8 | 4.5 | 48.4 | - | 44.2 | 4.2 |
| 03:00 PM - 04:00 PM | 48.6 | 47.2 | 1.4 | 7.0 | 41.6 | - | 42.7 | -1.1 |
| 04:00 PM - 05:00 PM | 58.2 | 54.7 | 3.5 | 2.0 | 56.2 | - | 42.0 | 14.2 |
| 05:00 PM - 06:00 PM | 58.8 | 58.4 | 0.4 | 7.0 | 51.8 | - | 40.5 | 11.3 |
| 06:00 PM - 07:00 PM | 47.9 | 46.8 | 1.1 | 7.0 | 40.9 | - | 41.7 | -0.8 |
| 07:00 PM - 08:00 PM | 53.6 | 49.1 | 4.5 | 1.5 | 52.1 | - | 40.2 | 11.9 |
| 08:00 PM - 09:00 PM | 46.5 | 45.1 | 1.4 | 7.0 | 39.5 | - | 38.3 | 1.2 |
| 09:00 PM - 10:00 PM | 45.5 | 45.6 | -0.1 | 7.0 | 38.5 | - | 38.2 | 0.3 |
| 10:00 PM - 10:05 PM | 48.1 | 48.8 | -0.7 | 7.0 | - | 44.1 | 37.8 | 6.3 |
| 10:05 PM - 10:10 PM | 43.2 | 43.0 | 0.2 | 7.0 | - | 39.2 | 38.5 | 0.7 |
| 10:10 PM - 10:15 PM | 48.5 | 47.7 | 0.8 | 7.0 | - | 44.5 | 39.1 | 5.4 |
| 10:15 PM - 10:20 PM | 48.2 | 50.6 | -2.4 | 7.0 | - | 44.2 | 38.5 | 5.7 |
| 10:20 PM - 10:25 PM | 45.6 | 44.9 | 0.7 | 7.0 | - | 41.6 | 39.8 | 1.8 |
| 10:25 PM - 10:30 PM | 46.4 | 46.3 | 0.1 | 7.0 | - | 42.4 | 39.8 | 2.6 |
| 10:30 PM - 10:35 PM | 46.7 | 48.1 | -1.4 | 7.0 | - | 42.7 | 39.9 | 2.8 |
| 10:35 PM - 10:40 PM | 46.0 | 45.4 | 0.6 | 7.0 | - | 42.0 | 40.2 | 1.8 |
| 10:40 PM - 10:45 PM | 42.9 | 41.4 | 1.5 | 4.5 | - | 41.4 | 39.4 | 2.0 |
| 10:45 PM - 10:50 PM | 42.4 | 41.2 | 1.2 | 7.0 | - | 38.4 | 39.1 | -0.7 |
| 10:50 PM - 10:55 PM | 41.1 | 39.6 | 1.5 | 4.5 | - | 39.6 | 38.3 | 1.3 |
| 10:55 PM - 11:00 PM | 44.7 | 45.2 | -0.5 | 7.0 | - | 40.7 | 38.1 | 2.6 |
| 11:00 PM - 11:05 PM | 45.1 | 45.8 | -0.7 | 7.0 | - | 41.1 | 37.8 | 3.3 |
| 11:05 PM - 11:10 PM | 41.0 | 39.3 | 1.7 | 4.5 | - | 39.5 | 38.2 | 1.3 |
| 11:10 PM - 11:15 PM | 56.6 | 47.2 | 9.4 | 0.5 | - | 59.1 | 38.2 | 20.9 |
| 11:15 PM - 11:20 PM | 53.4 | 55.3 | -1.9 | 7.0 | - | 49.4 | 38.8 | 10.6 |
| 11:20 PM - 11:25 PM | 43.8 | 39.1 | 4.7 | 1.5 | - | 45.3 | 38.4 | 6.9 |
| 11:25 PM - 11:30 PM | 42.8 | 45.2 | -2.4 | 7.0 | - | 38.8 | 39.3 | -0.5 |
| 11:30 PM - 11:35 PM | 44.2 | 41.4 | 2.8 | 3.0 | - | 44.2 | 38.5 | 5.7 |
| 11:35 PM - 11:40 PM | 44.2 | 44.1 | 0.1 | 7.0 | - | 40.2 | 38.9 | 1.3 |
| 11:40 PM - 11:45 PM | 41.8 | 41.9 | -0.1 | 7.0 | - | 37.8 | 38.1 | -0.3 |
| 11:45 PM - 11:50 PM | 59.0 | 56.3 | 2.7 | 3.0 | - | 59.0 | 37.6 | 21.4 |
| 11:50 PM - 11:55 PM | 45.1 | 43.6 | 1.5 | 4.5 | - | 43.6 | 38.6 | 5.0 |
| 11:55 PM - 12:00 AM | 43.6 | 43.0 | 0.6 | 7.0 | - | 39.6 | 39.3 | 0.3 |
| 12:00 AM - 12:05 AM | 43.2 | 41.7 | 1.5 | 4.5 | - | 41.7 | 39.0 | 2.7 |
| 12:05 AM - 12:10 AM | 43.4 | 42.6 | 0.8 | 7.0 | - | 39.4 | 38.8 | 0.6 |
| 12:10 AM - 12:15 AM | 45.4 | 44.2 | 1.2 | 7.0 | - | 41.4 | 39.5 | 1.9 |
| 12:15 AM - 12:20 AM | 60.5 | 57.3 | 3.2 | 3.0 | - | 60.5 | 38.7 | 21.8 |
| 12:20 AM - 12:25 AM | 44.4 | 51.5 | -7.1 | 7.0 | - | 40.4 | 39.8 | 0.6 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673470-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-1
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:25 AM - 12:30 AM | 56.1 | 46.3 | 9.8 | 0.5 | - | 58.6 | 42.1 | 16.5 |
| 12:30 AM - 12:35 AM | 55.6 | 56.5 | -0.9 | 7.0 | - | 51.6 | 39.4 | 12.2 |
| 12:35 AM - 12:40 AM | 57.7 | 55.6 | 2.1 | 4.5 | - | 56.2 | 39.0 | 17.2 |
| 12:40 AM - 12:45 AM | 44.7 | 44.1 | 0.6 | 7.0 | - | 40.7 | 39.2 | 1.5 |
| 12:45 AM - 12:50 AM | 47.1 | 45.5 | 1.6 | 4.5 | - | 45.6 | 39.5 | 6.1 |
| 12:50 AM - 12:55 AM | 59.7 | 55.5 | 4.2 | 2.0 | - | 60.7 | 39.4 | 21.3 |
| 12:55 AM - 01:00 AM | 57.0 | 57.6 | -0.6 | 7.0 | - | 53.0 | 40.9 | 12.1 |
| 01:00 AM - 01:05 AM | 54.6 | 44.4 | 10.2 | 0.5 | - | 57.1 | 41.8 | 15.3 |
| 01:05 AM - 01:10 AM | 61.2 | 60.1 | 1.1 | 7.0 | - | 57.2 | 43.7 | 13.5 |
| 01:10 AM - 01:15 AM | 54.4 | 56.0 | -1.6 | 7.0 | - | 50.4 | 44.4 | 6.0 |
| 01:15 AM - 01:20 AM | 49.5 | 49.4 | 0.1 | 7.0 | - | 45.5 | 42.8 | 2.7 |
| 01:20 AM - 01:25 AM | 54.3 | 53.5 | 0.8 | 7.0 | - | 50.3 | 43.5 | 6.8 |
| 01:25 AM - 01:30 AM | 55.7 | 54.9 | 0.8 | 7.0 | - | 51.7 | 50.2 | 1.5 |
| 01:30 AM - 01:35 AM | 50.2 | 52.8 | -2.6 | 7.0 | - | 46.2 | 47.6 | -1.4 |
| 01:35 AM - 01:40 AM | 49.4 | 51.4 | -2.0 | 7.0 | - | 45.4 | 45.2 | 0.2 |
| 01:40 AM - 01:45 AM | 55.2 | 51.9 | 3.3 | 3.0 | - | 55.2 | 44.3 | 10.9 |
| 01:45 AM - 01:50 AM | 51.9 | 52.0 | -0.1 | 7.0 | - | 47.9 | 47.1 | 0.8 |
| 01:50 AM - 01:55 AM | 55.0 | 52.6 | 2.4 | 4.5 | - | 53.5 | 44.9 | 8.6 |
| 01:55 AM - 02:00 AM | 54.7 | 53.0 | 1.7 | 4.5 | - | 53.2 | 45.6 | 7.6 |
| 02:00 AM - 02:05 AM | 53.9 | 52.7 | 1.2 | 7.0 | - | 49.9 | 45.9 | 4.0 |
| 02:05 AM - 02:10 AM | 54.3 | 50.6 | 3.7 | 2.0 | - | 55.3 | 45.5 | 9.8 |
| 02:10 AM - 02:15 AM | 51.3 | 53.3 | -2.0 | 7.0 | - | 47.3 | 46.4 | 0.9 |
| 02:15 AM - 02:20 AM | 53.3 | 51.5 | 1.8 | 4.5 | - | 51.8 | 47.1 | 4.7 |
| 02:20 AM - 02:25 AM | 54.8 | 56.1 | -1.3 | 7.0 | - | 50.8 | 47.5 | 3.3 |
| 02:25 AM - 02:30 AM | 55.5 | 52.1 | 3.4 | 3.0 | - | 55.5 | 47.5 | 8.0 |
| 02:30 AM - 02:35 AM | 59.7 | 57.4 | 2.3 | 4.5 | - | 58.2 | 46.9 | 11.3 |
| 02:35 AM - 02:40 AM | 51.9 | 51.2 | 0.7 | 7.0 | - | 47.9 | 46.4 | 1.5 |
| 02:40 AM - 02:45 AM | 51.4 | 50.3 | 1.1 | 7.0 | - | 47.4 | 47.0 | 0.4 |
| 02:45 AM - 02:50 AM | 51.3 | 50.1 | 1.2 | 7.0 | - | 47.3 | 47.0 | 0.3 |
| 02:50 AM - 02:55 AM | 53.5 | 52.9 | 0.6 | 7.0 | - | 49.5 | 47.5 | 2.0 |
| 02:55 AM - 03:00 AM | 52.8 | 51.3 | 1.5 | 4.5 | - | 51.3 | 46.9 | 4.4 |
| 03:00 AM - 03:05 AM | 55.7 | 53.5 | 2.2 | 4.5 | - | 54.2 | 46.3 | 7.9 |
| 03:05 AM - 03:10 AM | 55.3 | 53.5 | 1.8 | 4.5 | - | 53.8 | 46.9 | 6.9 |
| 03:10 AM - 03:15 AM | 55.3 | 53.4 | 1.9 | 4.5 | - | 53.8 | 47.6 | 6.2 |
| 03:15 AM - 03:20 AM | 52.0 | 50.0 | 2.0 | 4.5 | - | 50.5 | 46.8 | 3.7 |
| 03:20 AM - 03:25 AM | 53.2 | 51.4 | 1.8 | 4.5 | - | 51.7 | 47.6 | 4.1 |
| 03:25 AM - 03:30 AM | 56.8 | 53.9 | 2.9 | 3.0 | - | 56.8 | 47.9 | 8.9 |
| 03:30 AM - 03:35 AM | 66.1 | 57.3 | 8.8 | 0.5 | - | 68.6 | 48.5 | 20.1 |
| 03:35 AM - 03:40 AM | 67.2 | 60.7 | 6.5 | 1.0 | - | 69.2 | 24.4 | 44.8 |
| 03:40 AM - 03:45 AM | 52.5 | 51.2 | 1.3 | 7.0 | - | 48.5 | 47.0 | 1.5 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673470-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-1
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) | (B) | (A-B) | (C) | (D) | | (E) | (D-E) |
|---------------------|---------------------|-----------------------|------------------|------------|----------------------------|-----------------|--------------|------------------|
| | เสียงจากแหล่งกำเนิด | เสียงขณะไม่มีการรบกวน | ผลต่างระดับเสียง | ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิด | | เสียงพื้นฐาน | ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:45 AM - 03:50 AM | 51.2 | 48.6 | 2.6 | 3.0 | - | 51.2 | 46.0 | 5.2 |
| 03:50 AM - 03:55 AM | 52.2 | 51.5 | 0.7 | 7.0 | - | 48.2 | 47.2 | 1.0 |
| 03:55 AM - 04:00 AM | 51.8 | 51.4 | 0.4 | 7.0 | - | 47.8 | 46.6 | 1.2 |
| 04:00 AM - 04:05 AM | 49.3 | 48.6 | 0.7 | 7.0 | - | 45.3 | 46.4 | -1.1 |
| 04:05 AM - 04:10 AM | 51.4 | 50.7 | 0.7 | 7.0 | - | 47.4 | 46.4 | 1.0 |
| 04:10 AM - 04:15 AM | 51.9 | 50.7 | 1.2 | 7.0 | - | 47.9 | 46.1 | 1.8 |
| 04:15 AM - 04:20 AM | 59.8 | 51.7 | 8.1 | 0.5 | - | 62.3 | 47.1 | 15.2 |
| 04:20 AM - 04:25 AM | 63.4 | 60.0 | 3.4 | 3.0 | - | 63.4 | 46.8 | 16.6 |
| 04:25 AM - 04:30 AM | 61.5 | 61.9 | -0.4 | 7.0 | - | 57.5 | 47.7 | 9.8 |
| 04:30 AM - 04:35 AM | 61.4 | 59.6 | 1.8 | 4.5 | - | 59.9 | 48.5 | 11.4 |
| 04:35 AM - 04:40 AM | 50.2 | 50.6 | -0.4 | 7.0 | - | 46.2 | 47.7 | -1.5 |
| 04:40 AM - 04:45 AM | 50.6 | 50.7 | -0.1 | 7.0 | - | 46.6 | 46.8 | -0.2 |
| 04:45 AM - 04:50 AM | 50.4 | 50.2 | 0.2 | 7.0 | - | 46.4 | 45.6 | 0.8 |
| 04:50 AM - 04:55 AM | 47.1 | 47.8 | -0.7 | 7.0 | - | 43.1 | 44.5 | -1.4 |
| 04:55 AM - 05:00 AM | 50.7 | 50.5 | 0.2 | 7.0 | - | 46.7 | 44.1 | 2.6 |
| 05:00 AM - 05:05 AM | 65.4 | 59.1 | 6.3 | 1.5 | - | 66.9 | 50.3 | 16.6 |
| 05:05 AM - 05:10 AM | 64.8 | 62.4 | 2.4 | 4.5 | - | 63.3 | 48.8 | 14.5 |
| 05:10 AM - 05:15 AM | 52.0 | 57.6 | -5.6 | 7.0 | - | 48.0 | 49.4 | -1.4 |
| 05:15 AM - 05:20 AM | 53.5 | 53.9 | -0.4 | 7.0 | - | 49.5 | 49.5 | 0.0 |
| 05:20 AM - 05:25 AM | 51.8 | 52.7 | -0.9 | 7.0 | - | 47.8 | 48.7 | -0.9 |
| 05:25 AM - 05:30 AM | 52.9 | 52.9 | 0.0 | 7.0 | - | 48.9 | 48.6 | 0.3 |
| 05:30 AM - 05:35 AM | 52.7 | 52.7 | 0.0 | 7.0 | - | 48.7 | 48.6 | 0.1 |
| 05:35 AM - 05:40 AM | 49.8 | 49.8 | 0.0 | 7.0 | - | 45.8 | 44.5 | 1.3 |
| 05:40 AM - 05:45 AM | 50.3 | 50.6 | -0.3 | 7.0 | - | 46.3 | 44.6 | 1.7 |
| 05:45 AM - 05:50 AM | 49.7 | 49.4 | 0.3 | 7.0 | - | 45.7 | 44.3 | 1.4 |
| 05:50 AM - 05:55 AM | 53.0 | 52.9 | 0.1 | 7.0 | - | 49.0 | 43.8 | 5.2 |
| 05:55 AM - 06:00 AM | 46.9 | 49.3 | -2.4 | 7.0 | - | 42.9 | 43.8 | -0.9 |
| 06:00 AM - 07:00 AM | 56.8 | 56.5 | 0.3 | 7.0 | 49.8 | - | 49.9 | -0.1 |
| 07:00 AM - 08:00 AM | 53.8 | 53.6 | 0.2 | 7.0 | 46.8 | - | 50.5 | -3.7 |
| 08:00 AM - 09:00 AM | 51.3 | 50.3 | 1.0 | 7.0 | 44.3 | - | 45.4 | -1.1 |
| 09:00 AM - 10:00 AM | 52.2 | 52.1 | 0.1 | 7.0 | 45.2 | - | 45.8 | -0.6 |
| 10:00 AM - 11:00 AM | 60.0 | 54.3 | 5.7 | 1.5 | 58.5 | - | 46.9 | 11.6 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-1 วันที่ตรวจวัด 23-24 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673471-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-2
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (B) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|----------------|--------------------------------|-----------------|------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 52.8 | 51.3 | 1.5 | 4.5 | 48.3 | - | 46.9 | 1.4 |
| 12:00 PM - 01:00 PM | 51.7 | 52.8 | -1.1 | 7.0 | 44.7 | - | 46.5 | -1.8 |
| 01:00 PM - 02:00 PM | 54.5 | 56.4 | -1.9 | 7.0 | 47.5 | - | 46.6 | 0.9 |
| 02:00 PM - 03:00 PM | 53.5 | 52.6 | 0.9 | 7.0 | 46.5 | - | 44.9 | 1.6 |
| 03:00 PM - 04:00 PM | 57.8 | 52.9 | 4.9 | 1.5 | 56.3 | - | 44.1 | 12.2 |
| 04:00 PM - 05:00 PM | 48.9 | 47.9 | 1.0 | 7.0 | 41.9 | - | 43.4 | -1.5 |
| 05:00 PM - 06:00 PM | 48.7 | 47.0 | 1.7 | 4.5 | 44.2 | - | 42.3 | 1.9 |
| 06:00 PM - 07:00 PM | 47.2 | 45.2 | 2.0 | 4.5 | 42.7 | - | 40.2 | 2.5 |
| 07:00 PM - 08:00 PM | 47.8 | 45.7 | 2.1 | 4.5 | 43.3 | - | 39.7 | 3.6 |
| 08:00 PM - 09:00 PM | 48.3 | 47.4 | 0.9 | 7.0 | 41.3 | - | 39.6 | 1.7 |
| 09:00 PM - 10:00 PM | 51.8 | 52.6 | -0.8 | 7.0 | 44.8 | - | 47.8 | -3.0 |
| 10:00 PM - 10:05 PM | 49.6 | 50.1 | -0.5 | 7.0 | - | 45.6 | 40.8 | 4.8 |
| 10:05 PM - 10:10 PM | 52.3 | 50.8 | 1.5 | 4.5 | - | 50.8 | 41.5 | 9.3 |
| 10:10 PM - 10:15 PM | 52.9 | 55.2 | -2.3 | 7.0 | - | 48.9 | 43.5 | 5.4 |
| 10:15 PM - 10:20 PM | 51.9 | 51.5 | 0.4 | 7.0 | - | 47.9 | 40.8 | 7.1 |
| 10:20 PM - 10:25 PM | 51.5 | 51.0 | 0.5 | 7.0 | - | 47.5 | 41.5 | 6.0 |
| 10:25 PM - 10:30 PM | 50.8 | 53.2 | -2.4 | 7.0 | - | 46.8 | 42.0 | 4.8 |
| 10:30 PM - 10:35 PM | 46.1 | 43.5 | 2.6 | 3.0 | - | 46.1 | 41.2 | 4.9 |
| 10:35 PM - 10:40 PM | 49.7 | 49.8 | -0.1 | 7.0 | - | 45.7 | 41.6 | 4.1 |
| 10:40 PM - 10:45 PM | 51.3 | 52.5 | -1.2 | 7.0 | - | 47.3 | 42.3 | 5.0 |
| 10:45 PM - 10:50 PM | 48.5 | 48.6 | -0.1 | 7.0 | - | 44.5 | 40.9 | 3.6 |
| 10:50 PM - 10:55 PM | 49.2 | 49.0 | 0.2 | 7.0 | - | 45.2 | 39.8 | 5.4 |
| 10:55 PM - 11:00 PM | 53.4 | 60.3 | -6.9 | 7.0 | - | 49.4 | 40.6 | 8.8 |
| 11:00 PM - 11:05 PM | 49.0 | 49.7 | -0.7 | 7.0 | - | 45.0 | 41.5 | 3.5 |
| 11:05 PM - 11:10 PM | 58.1 | 54.0 | 4.1 | 2.0 | - | 59.1 | 40.8 | 18.3 |
| 11:10 PM - 11:15 PM | 54.7 | 56.2 | -1.5 | 7.0 | - | 50.7 | 47.7 | 3.0 |
| 11:15 PM - 11:20 PM | 51.6 | 52.6 | -1.0 | 7.0 | - | 47.6 | 45.7 | 1.9 |
| 11:20 PM - 11:25 PM | 53.0 | 53.7 | -0.7 | 7.0 | - | 49.0 | 45.3 | 3.7 |
| 11:25 PM - 11:30 PM | 50.8 | 51.8 | -1.0 | 7.0 | - | 46.8 | 43.4 | 3.4 |
| 11:30 PM - 11:35 PM | 47.2 | 49.0 | -1.8 | 7.0 | - | 43.2 | 42.7 | 0.5 |
| 11:35 PM - 11:40 PM | 46.3 | 46.3 | 0.0 | 7.0 | - | 42.3 | 40.6 | 1.7 |
| 11:40 PM - 11:45 PM | 44.3 | 44.1 | 0.2 | 7.0 | - | 40.3 | 40.9 | -0.6 |
| 11:45 PM - 11:50 PM | 49.8 | 43.7 | 6.1 | 1.5 | - | 51.3 | 41.1 | 10.2 |
| 11:50 PM - 11:55 PM | 46.5 | 47.8 | -1.3 | 7.0 | - | 42.5 | 41.3 | 1.2 |
| 11:55 PM - 12:00 AM | 45.6 | 45.9 | -0.3 | 7.0 | - | 41.6 | 39.8 | 1.8 |
| 12:00 AM - 12:05 AM | 41.7 | 39.9 | 1.8 | 4.5 | - | 40.2 | 37.7 | 2.5 |
| 12:05 AM - 12:10 AM | 56.5 | 44.4 | 12.1 | 0.5 | - | 59.0 | 38.2 | 20.8 |
| 12:10 AM - 12:15 AM | 52.2 | 53.8 | -1.6 | 7.0 | - | 48.2 | 39.4 | 8.8 |
| 12:15 AM - 12:20 AM | 44.2 | 43.2 | 1.0 | 7.0 | - | 40.2 | 40.4 | -0.2 |
| 12:20 AM - 12:25 AM | 56.3 | 53.4 | 2.9 | 3.0 | - | 56.3 | 40.3 | 16.0 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673471-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-2
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

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 | 47.9 | 44.6 | 3.3 | 3.0 | - | 47.9 | 41.9 | 6.0 |
| 12:30 AM - 12:35 AM | 45.5 | 46.9 | -1.4 | 7.0 | - | 41.5 | 41.8 | -0.3 |
| 12:35 AM - 12:40 AM | 51.5 | 49.3 | 2.2 | 4.5 | - | 50.0 | 42.6 | 7.4 |
| 12:40 AM - 12:45 AM | 59.0 | 56.6 | 2.4 | 4.5 | - | 57.5 | 42.3 | 15.2 |
| 12:45 AM - 12:50 AM | 55.3 | 53.2 | 2.1 | 4.5 | - | 53.8 | 42.9 | 10.9 |
| 12:50 AM - 12:55 AM | 49.3 | 45.5 | 3.8 | 2.0 | - | 50.3 | 42.1 | 8.2 |
| 12:55 AM - 01:00 AM | 56.1 | 54.9 | 1.2 | 7.0 | - | 52.1 | 43.4 | 8.7 |
| 01:00 AM - 01:05 AM | 58.4 | 56.7 | 1.7 | 4.5 | - | 56.9 | 41.8 | 15.1 |
| 01:05 AM - 01:10 AM | 58.5 | 54.9 | 3.6 | 2.0 | - | 59.5 | 42.4 | 17.1 |
| 01:10 AM - 01:15 AM | 59.7 | 57.7 | 2.0 | 4.5 | - | 58.2 | 42.4 | 15.8 |
| 01:15 AM - 01:20 AM | 58.3 | 57.5 | 0.8 | 7.0 | - | 54.3 | 44.1 | 10.2 |
| 01:20 AM - 01:25 AM | 50.3 | 52.7 | -2.4 | 7.0 | - | 46.3 | 44.5 | 1.8 |
| 01:25 AM - 01:30 AM | 51.1 | 51.4 | -0.3 | 7.0 | - | 47.1 | 44.0 | 3.1 |
| 01:30 AM - 01:35 AM | 53.5 | 51.4 | 2.1 | 4.5 | - | 52.0 | 45.4 | 6.6 |
| 01:35 AM - 01:40 AM | 52.2 | 53.2 | -1.0 | 7.0 | - | 48.2 | 50.3 | -2.1 |
| 01:40 AM - 01:45 AM | 47.9 | 50.7 | -2.8 | 7.0 | - | 43.9 | 45.6 | -1.7 |
| 01:45 AM - 01:50 AM | 52.0 | 51.2 | 0.8 | 7.0 | - | 48.0 | 44.7 | 3.3 |
| 01:50 AM - 01:55 AM | 64.9 | 58.8 | 6.1 | 1.5 | - | 66.4 | 43.8 | 22.6 |
| 01:55 AM - 02:00 AM | 69.7 | 63.4 | 6.3 | 1.5 | - | 71.2 | 45.9 | 25.3 |
| 02:00 AM - 02:05 AM | 61.2 | 56.3 | 4.9 | 1.5 | - | 62.7 | 46.4 | 16.3 |
| 02:05 AM - 02:10 AM | 51.9 | 52.1 | -0.2 | 7.0 | - | 47.9 | 48.1 | -0.2 |
| 02:10 AM - 02:15 AM | 55.6 | 53.1 | 2.5 | 3.0 | - | 55.6 | 49.0 | 6.6 |
| 02:15 AM - 02:20 AM | 53.7 | 53.3 | 0.4 | 7.0 | - | 49.7 | 48.0 | 1.7 |
| 02:20 AM - 02:25 AM | 52.3 | 52.2 | 0.1 | 7.0 | - | 48.3 | 47.6 | 0.7 |
| 02:25 AM - 02:30 AM | 66.1 | 54.2 | 11.9 | 0.5 | - | 68.6 | 29.5 | 39.1 |
| 02:30 AM - 02:35 AM | 56.0 | 61.2 | -5.2 | 7.0 | - | 52.0 | 50.1 | 1.9 |
| 02:35 AM - 02:40 AM | 54.2 | 54.3 | -0.1 | 7.0 | - | 50.2 | 50.2 | 0.0 |
| 02:40 AM - 02:45 AM | 53.7 | 55.5 | -1.8 | 7.0 | - | 49.7 | 51.6 | -1.9 |
| 02:45 AM - 02:50 AM | 55.9 | 53.4 | 2.5 | 3.0 | - | 55.9 | 49.8 | 6.1 |
| 02:50 AM - 02:55 AM | 53.6 | 54.3 | -0.7 | 7.0 | - | 49.6 | 49.6 | 0.0 |
| 02:55 AM - 03:00 AM | 58.1 | 62.4 | -4.3 | 7.0 | - | 54.1 | 48.2 | 5.9 |
| 03:00 AM - 03:05 AM | 61.9 | 54.8 | 7.1 | 1.0 | - | 63.9 | 47.3 | 16.6 |
| 03:05 AM - 03:10 AM | 58.9 | 58.3 | 0.6 | 7.0 | - | 54.9 | 47.4 | 7.5 |
| 03:10 AM - 03:15 AM | 62.7 | 57.9 | 4.8 | 1.5 | - | 64.2 | 47.3 | 16.9 |
| 03:15 AM - 03:20 AM | 57.3 | 53.5 | 3.8 | 2.0 | - | 58.3 | 47.7 | 10.6 |
| 03:20 AM - 03:25 AM | 57.0 | 54.6 | 2.4 | 4.5 | - | 55.5 | 47.9 | 7.6 |
| 03:25 AM - 03:30 AM | 52.3 | 54.6 | -2.3 | 7.0 | - | 48.3 | 48.5 | -0.2 |
| 03:30 AM - 03:35 AM | 54.5 | 51.7 | 2.8 | 3.0 | - | 54.5 | 48.2 | 6.3 |
| 03:35 AM - 03:40 AM | 58.8 | 57.3 | 1.5 | 4.5 | - | 57.3 | 47.6 | 9.7 |
| 03:40 AM - 03:45 AM | 60.2 | 57.8 | 2.4 | 4.5 | - | 58.7 | 48.4 | 10.3 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673471-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-2
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 03:45 AM - 03:50 AM | 51.8 | 52.1 | -0.3 | 7.0 | - | 47.8 | 46.4 | 1.4 |
| 03:50 AM - 03:55 AM | 59.5 | 55.5 | 4.0 | 2.0 | - | 60.5 | 47.5 | 13.0 |
| 03:55 AM - 04:00 AM | 57.5 | 54.8 | 2.7 | 3.0 | - | 57.5 | 47.5 | 10.0 |
| 04:00 AM - 04:05 AM | 52.7 | 52.3 | 0.4 | 7.0 | - | 48.7 | 48.3 | 0.4 |
| 04:05 AM - 04:10 AM | 51.7 | 51.3 | 0.4 | 7.0 | - | 47.7 | 48.1 | -0.4 |
| 04:10 AM - 04:15 AM | 52.4 | 51.1 | 1.3 | 7.0 | - | 48.4 | 47.2 | 1.2 |
| 04:15 AM - 04:20 AM | 51.5 | 52.5 | -1.0 | 7.0 | - | 47.5 | 48.4 | -0.9 |
| 04:20 AM - 04:25 AM | 50.9 | 51.4 | -0.5 | 7.0 | - | 46.9 | 47.7 | -0.8 |
| 04:25 AM - 04:30 AM | 54.4 | 52.6 | 1.8 | 4.5 | - | 52.9 | 47.5 | 5.4 |
| 04:30 AM - 04:35 AM | 51.1 | 50.9 | 0.2 | 7.0 | - | 47.1 | 47.9 | -0.8 |
| 04:35 AM - 04:40 AM | 49.4 | 49.6 | -0.2 | 7.0 | - | 45.4 | 47.2 | -1.8 |
| 04:40 AM - 04:45 AM | 51.3 | 50.5 | 0.8 | 7.0 | - | 47.3 | 46.6 | 0.7 |
| 04:45 AM - 04:50 AM | 51.1 | 50.9 | 0.2 | 7.0 | - | 47.1 | 47.0 | 0.1 |
| 04:50 AM - 04:55 AM | 51.9 | 51.5 | 0.4 | 7.0 | - | 47.9 | 46.9 | 1.0 |
| 04:55 AM - 05:00 AM | 62.6 | 60.4 | 2.2 | 4.5 | - | 61.1 | 47.7 | 13.4 |
| 05:00 AM - 05:05 AM | 51.8 | 51.7 | 0.1 | 7.0 | - | 47.8 | 47.2 | 0.6 |
| 05:05 AM - 05:10 AM | 49.0 | 49.8 | -0.8 | 7.0 | - | 45.0 | 46.8 | -1.8 |
| 05:10 AM - 05:15 AM | 54.3 | 54.3 | 0.0 | 7.0 | - | 50.3 | 46.6 | 3.7 |
| 05:15 AM - 05:20 AM | 53.3 | 54.6 | -1.3 | 7.0 | - | 49.3 | 51.7 | -2.4 |
| 05:20 AM - 05:25 AM | 53.8 | 54.7 | -0.9 | 7.0 | - | 49.8 | 51.2 | -1.4 |
| 05:25 AM - 05:30 AM | 53.2 | 53.6 | -0.4 | 7.0 | - | 49.2 | 49.7 | -0.5 |
| 05:30 AM - 05:35 AM | 57.3 | 56.1 | 1.2 | 7.0 | - | 53.3 | 51.4 | 1.9 |
| 05:35 AM - 05:40 AM | 64.3 | 65.3 | -1.0 | 7.0 | - | 60.3 | 50.7 | 9.6 |
| 05:40 AM - 05:45 AM | 54.0 | 55.1 | -1.1 | 7.0 | - | 50.0 | 49.1 | 0.9 |
| 05:45 AM - 05:50 AM | 52.1 | 53.2 | -1.1 | 7.0 | - | 48.1 | 49.8 | -1.7 |
| 05:50 AM - 05:55 AM | 49.9 | 51.3 | -1.4 | 7.0 | - | 45.9 | 48.5 | -2.6 |
| 05:55 AM - 06:00 AM | 51.3 | 51.5 | -0.2 | 7.0 | - | 47.3 | 49.4 | -2.1 |
| 06:00 AM - 07:00 AM | 57.8 | 56.4 | 1.4 | 7.0 | 50.8 | - | 48.9 | 1.9 |
| 07:00 AM - 08:00 AM | 54.5 | 54.7 | -0.2 | 7.0 | 47.5 | - | 47.1 | 0.4 |
| 08:00 AM - 09:00 AM | 51.6 | 50.3 | 1.3 | 7.0 | 44.6 | - | 43.0 | 1.6 |
| 09:00 AM - 10:00 AM | 50.6 | 51.7 | -1.1 | 7.0 | 43.6 | - | 47.8 | -4.2 |
| 10:00 AM - 11:00 AM | 50.9 | 51.2 | -0.3 | 7.0 | 43.9 | - | 46.5 | -2.6 |

ค่ามาตรฐาน ≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 24-25 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-2 วันที่ตรวจวัด 24-25 พฤษภาคม 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673472-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-3
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด ^(A) | เสียงขณะ ไม่มีการรบกวน ^(B) | ผลต่าง ระดับเสียง ^(A-B) | ตัวปรับค่า ^(C) | ปรับค่าเสียงจากแหล่งกำเนิด ^(B) | | เสียงพื้นฐาน ^(E) | ค่าระดับ การรบกวน ^(D-E) |
|---------------------|--|--|---------------------------------------|---------------------------|---|----------------------------|-----------------------------|---------------------------------------|
| | | | | | กลางวัน ^(A-C) | กลางคืน ^{(A-C)+3} | | |
| 11:00 AM - 12:00 PM | 52.6 | 51.9 | 0.7 | 7.0 | 45.6 | - | 46.1 | -0.5 |
| 12:00 PM - 01:00 PM | 54.0 | 53.8 | 0.2 | 7.0 | 47.0 | - | 47.9 | -0.9 |
| 01:00 PM - 02:00 PM | 54.6 | 53.5 | 1.1 | 7.0 | 47.6 | - | 47.5 | 0.1 |
| 02:00 PM - 03:00 PM | 60.1 | 59.7 | 0.4 | 7.0 | 53.1 | - | 45.0 | 8.1 |
| 03:00 PM - 04:00 PM | 48.2 | 47.6 | 0.6 | 7.0 | 41.2 | - | 43.6 | -2.4 |
| 04:00 PM - 05:00 PM | 47.4 | 46.1 | 1.3 | 7.0 | 40.4 | - | 42.2 | -1.8 |
| 05:00 PM - 06:00 PM | 56.1 | 55.5 | 0.6 | 7.0 | 49.1 | - | 41.8 | 7.3 |
| 06:00 PM - 07:00 PM | 45.4 | 44.1 | 1.3 | 7.0 | 38.4 | - | 40.5 | -2.1 |
| 07:00 PM - 08:00 PM | 47.4 | 45.4 | 2.0 | 4.5 | 42.9 | - | 39.9 | 3.0 |
| 08:00 PM - 09:00 PM | 46.2 | 43.7 | 2.5 | 3.0 | 43.2 | - | 38.8 | 4.4 |
| 09:00 PM - 10:00 PM | 48.2 | 46.4 | 1.8 | 4.5 | 43.7 | - | 38.8 | 4.9 |
| 10:00 PM - 10:05 PM | 47.2 | 43.7 | 3.5 | 2.0 | - | 48.2 | 38.8 | 9.4 |
| 10:05 PM - 10:10 PM | 45.3 | 39.8 | 5.5 | 1.5 | - | 46.8 | 38.1 | 8.7 |
| 10:10 PM - 10:15 PM | 45.6 | 42.4 | 3.2 | 3.0 | - | 45.6 | 38.5 | 7.1 |
| 10:15 PM - 10:20 PM | 45.4 | 41.5 | 3.9 | 2.0 | - | 46.4 | 38.4 | 8.0 |
| 10:20 PM - 10:25 PM | 46.4 | 42.4 | 4.0 | 2.0 | - | 47.4 | 38.3 | 9.1 |
| 10:25 PM - 10:30 PM | 45.9 | 42.6 | 3.3 | 3.0 | - | 45.9 | 37.4 | 8.5 |
| 10:30 PM - 10:35 PM | 45.3 | 41.3 | 4.0 | 2.0 | - | 46.3 | 37.5 | 8.8 |
| 10:35 PM - 10:40 PM | 45.0 | 38.3 | 6.7 | 1.0 | - | 47.0 | 36.5 | 10.5 |
| 10:40 PM - 10:45 PM | 56.5 | 56.7 | -0.2 | 7.0 | - | 52.5 | 36.1 | 16.4 |
| 10:45 PM - 10:50 PM | 48.8 | 61.7 | -12.9 | 7.0 | - | 44.8 | 38.3 | 6.5 |
| 10:50 PM - 10:55 PM | 55.1 | 41.3 | 13.8 | 0.0 | - | 58.1 | 38.0 | 20.1 |
| 10:55 PM - 11:00 PM | 47.7 | 59.0 | -11.3 | 7.0 | - | 43.7 | 38.4 | 5.3 |
| 11:00 PM - 11:05 PM | 46.3 | 37.5 | 8.8 | 0.5 | - | 48.8 | 36.0 | 12.8 |
| 11:05 PM - 11:10 PM | 54.5 | 53.5 | 1.0 | 7.0 | - | 50.5 | 36.2 | 14.3 |
| 11:10 PM - 11:15 PM | 44.4 | 39.7 | 4.7 | 1.5 | - | 45.9 | 36.0 | 9.9 |
| 11:15 PM - 11:20 PM | 39.9 | 38.8 | 1.1 | 7.0 | - | 35.9 | 36.4 | -0.5 |
| 11:20 PM - 11:25 PM | 40.6 | 38.4 | 2.2 | 4.5 | - | 39.1 | 36.4 | 2.7 |
| 11:25 PM - 11:30 PM | 42.0 | 40.1 | 1.9 | 4.5 | - | 40.5 | 37.3 | 3.2 |
| 11:30 PM - 11:35 PM | 41.2 | 40.1 | 1.1 | 7.0 | - | 37.2 | 37.7 | -0.5 |
| 11:35 PM - 11:40 PM | 52.2 | 51.4 | 0.8 | 7.0 | - | 48.2 | 37.0 | 11.2 |
| 11:40 PM - 11:45 PM | 41.5 | 40.0 | 1.5 | 4.5 | - | 40.0 | 37.6 | 2.4 |
| 11:45 PM - 11:50 PM | 41.0 | 39.9 | 1.1 | 7.0 | - | 37.0 | 36.7 | 0.3 |
| 11:50 PM - 11:55 PM | 54.4 | 50.8 | 3.6 | 2.0 | - | 55.4 | 38.3 | 17.1 |
| 11:55 PM - 12:00 AM | 42.3 | 49.4 | -7.1 | 7.0 | - | 38.3 | 38.0 | 0.3 |
| 12:00 AM - 12:05 AM | 49.6 | 42.1 | 7.5 | 0.5 | - | 52.1 | 39.0 | 13.1 |
| 12:05 AM - 12:10 AM | 43.7 | 47.5 | -3.8 | 7.0 | - | 39.7 | 38.2 | 1.5 |
| 12:10 AM - 12:15 AM | 55.8 | 53.5 | 2.3 | 4.5 | - | 54.3 | 38.3 | 16.0 |
| 12:15 AM - 12:20 AM | 41.9 | 42.9 | -1.0 | 7.0 | - | 37.9 | 38.8 | -0.9 |
| 12:20 AM - 12:25 AM | 45.1 | 42.2 | 2.9 | 3.0 | - | 45.1 | 39.3 | 5.8 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673472-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-3
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:25 AM - 12:30 AM | 44.0 | 42.9 | 1.1 | 7.0 | - | 40.0 | 39.6 | 0.4 |
| 12:30 AM - 12:35 AM | 57.9 | 56.3 | 1.6 | 4.5 | - | 56.4 | 38.9 | 17.5 |
| 12:35 AM - 12:40 AM | 52.4 | 50.0 | 2.4 | 4.5 | - | 50.9 | 38.7 | 12.2 |
| 12:40 AM - 12:45 AM | 55.3 | 55.4 | -0.1 | 7.0 | - | 51.3 | 38.0 | 13.3 |
| 12:45 AM - 12:50 AM | 44.0 | 43.7 | 0.3 | 7.0 | - | 40.0 | 38.3 | 1.7 |
| 12:50 AM - 12:55 AM | 57.3 | 56.0 | 1.3 | 7.0 | - | 53.3 | 38.9 | 14.4 |
| 12:55 AM - 01:00 AM | 58.2 | 53.8 | 4.4 | 2.0 | - | 59.2 | 40.5 | 18.7 |
| 01:00 AM - 01:05 AM | 60.1 | 58.9 | 1.2 | 7.0 | - | 56.1 | 40.8 | 15.3 |
| 01:05 AM - 01:10 AM | 58.5 | 56.8 | 1.7 | 4.5 | - | 57.0 | 42.7 | 14.3 |
| 01:10 AM - 01:15 AM | 56.6 | 58.0 | -1.4 | 7.0 | - | 52.6 | 46.7 | 5.9 |
| 01:15 AM - 01:20 AM | 54.3 | 51.6 | 2.7 | 3.0 | - | 54.3 | 43.5 | 10.8 |
| 01:20 AM - 01:25 AM | 51.6 | 51.2 | 0.4 | 7.0 | - | 47.6 | 43.2 | 4.4 |
| 01:25 AM - 01:30 AM | 63.1 | 60.4 | 2.7 | 3.0 | - | 63.1 | 44.9 | 18.2 |
| 01:30 AM - 01:35 AM | 55.0 | 51.8 | 3.2 | 3.0 | - | 55.0 | 45.1 | 9.9 |
| 01:35 AM - 01:40 AM | 54.4 | 51.6 | 2.8 | 3.0 | - | 54.4 | 45.0 | 9.4 |
| 01:40 AM - 01:45 AM | 52.1 | 51.3 | 0.8 | 7.0 | - | 48.1 | 45.3 | 2.8 |
| 01:45 AM - 01:50 AM | 50.2 | 50.5 | -0.3 | 7.0 | - | 46.2 | 44.4 | 1.8 |
| 01:50 AM - 01:55 AM | 50.0 | 49.4 | 0.6 | 7.0 | - | 46.0 | 45.2 | 0.8 |
| 01:55 AM - 02:00 AM | 51.6 | 50.5 | 1.1 | 7.0 | - | 47.6 | 45.1 | 2.5 |
| 02:00 AM - 02:05 AM | 50.3 | 51.0 | -0.7 | 7.0 | - | 46.3 | 45.8 | 0.5 |
| 02:05 AM - 02:10 AM | 51.9 | 51.4 | 0.5 | 7.0 | - | 47.9 | 46.7 | 1.2 |
| 02:10 AM - 02:15 AM | 54.1 | 52.0 | 2.1 | 4.5 | - | 52.6 | 47.5 | 5.1 |
| 02:15 AM - 02:20 AM | 61.8 | 61.3 | 0.5 | 7.0 | - | 57.8 | 45.7 | 12.1 |
| 02:20 AM - 02:25 AM | 59.3 | 58.0 | 1.3 | 7.0 | - | 55.3 | 44.7 | 10.6 |
| 02:25 AM - 02:30 AM | 56.3 | 53.5 | 2.8 | 3.0 | - | 56.3 | 45.0 | 11.3 |
| 02:30 AM - 02:35 AM | 51.4 | 51.8 | -0.4 | 7.0 | - | 47.4 | 45.5 | 1.9 |
| 02:35 AM - 02:40 AM | 52.9 | 52.7 | 0.2 | 7.0 | - | 48.9 | 45.2 | 3.7 |
| 02:40 AM - 02:45 AM | 51.5 | 50.8 | 0.7 | 7.0 | - | 47.5 | 45.2 | 2.3 |
| 02:45 AM - 02:50 AM | 50.6 | 50.5 | 0.1 | 7.0 | - | 46.6 | 45.7 | 0.9 |
| 02:50 AM - 02:55 AM | 53.7 | 50.5 | 3.2 | 3.0 | - | 53.7 | 46.3 | 7.4 |
| 02:55 AM - 03:00 AM | 53.3 | 55.2 | -1.9 | 7.0 | - | 49.3 | 46.8 | 2.5 |
| 03:00 AM - 03:05 AM | 54.2 | 52.1 | 2.1 | 4.5 | - | 52.7 | 45.7 | 7.0 |
| 03:05 AM - 03:10 AM | 52.5 | 51.9 | 0.6 | 7.0 | - | 48.5 | 46.0 | 2.5 |
| 03:10 AM - 03:15 AM | 51.2 | 50.3 | 0.9 | 7.0 | - | 47.2 | 46.1 | 1.1 |
| 03:15 AM - 03:20 AM | 49.5 | 49.3 | 0.2 | 7.0 | - | 45.5 | 45.7 | -0.2 |
| 03:20 AM - 03:25 AM | 58.8 | 61.7 | -2.9 | 7.0 | - | 54.8 | 46.6 | 8.2 |
| 03:25 AM - 03:30 AM | 56.3 | 58.4 | -2.1 | 7.0 | - | 52.3 | 46.0 | 6.3 |
| 03:30 AM - 03:35 AM | 56.1 | 54.1 | 2.0 | 4.5 | - | 54.6 | 46.1 | 8.5 |
| 03:35 AM - 03:40 AM | 56.0 | 55.2 | 0.8 | 7.0 | - | 52.0 | 45.7 | 6.3 |
| 03:40 AM - 03:45 AM | 53.6 | 51.3 | 2.3 | 4.5 | - | 52.1 | 44.6 | 7.5 |

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673472-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-3
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 03:45 AM - 03:50 AM | 52.7 | 51.9 | 0.8 | 7.0 | - | 48.7 | 45.1 | 3.6 |
| 03:50 AM - 03:55 AM | 51.1 | 49.5 | 1.6 | 4.5 | - | 49.6 | 46.7 | 2.9 |
| 03:55 AM - 04:00 AM | 51.6 | 51.9 | -0.3 | 7.0 | - | 47.6 | 46.7 | 0.9 |
| 04:00 AM - 04:05 AM | 55.5 | 54.7 | 0.8 | 7.0 | - | 51.5 | 47.0 | 4.5 |
| 04:05 AM - 04:10 AM | 51.2 | 50.6 | 0.6 | 7.0 | - | 47.2 | 47.0 | 0.2 |
| 04:10 AM - 04:15 AM | 49.0 | 49.3 | -0.3 | 7.0 | - | 45.0 | 45.3 | -0.3 |
| 04:15 AM - 04:20 AM | 56.5 | 54.9 | 1.6 | 4.5 | - | 55.0 | 45.8 | 9.2 |
| 04:20 AM - 04:25 AM | 51.4 | 52.7 | -1.3 | 7.0 | - | 47.4 | 44.8 | 2.6 |
| 04:25 AM - 04:30 AM | 51.1 | 49.7 | 1.4 | 7.0 | - | 47.1 | 45.4 | 1.7 |
| 04:30 AM - 04:35 AM | 47.7 | 48.8 | -1.1 | 7.0 | - | 43.7 | 45.4 | -1.7 |
| 04:35 AM - 04:40 AM | 49.6 | 48.9 | 0.7 | 7.0 | - | 45.6 | 45.0 | 0.6 |
| 04:40 AM - 04:45 AM | 52.0 | 53.3 | -1.3 | 7.0 | - | 48.0 | 46.0 | 2.0 |
| 04:45 AM - 04:50 AM | 50.3 | 51.3 | -1.0 | 7.0 | - | 46.3 | 45.0 | 1.3 |
| 04:50 AM - 04:55 AM | 50.0 | 49.9 | 0.1 | 7.0 | - | 46.0 | 46.1 | -0.1 |
| 04:55 AM - 05:00 AM | 50.3 | 49.0 | 1.3 | 7.0 | - | 46.3 | 45.9 | 0.4 |
| 05:00 AM - 05:05 AM | 53.0 | 53.5 | -0.5 | 7.0 | - | 49.0 | 50.0 | -1.0 |
| 05:05 AM - 05:10 AM | 52.0 | 52.0 | 0.0 | 7.0 | - | 48.0 | 49.8 | -1.8 |
| 05:10 AM - 05:15 AM | 52.5 | 53.7 | -1.2 | 7.0 | - | 48.5 | 51.5 | -3.0 |
| 05:15 AM - 05:20 AM | 52.0 | 53.1 | -1.1 | 7.0 | - | 48.0 | 51.2 | -3.2 |
| 05:20 AM - 05:25 AM | 55.8 | 55.5 | 0.3 | 7.0 | - | 51.8 | 50.8 | 1.0 |
| 05:25 AM - 05:30 AM | 53.8 | 54.9 | -1.1 | 7.0 | - | 49.8 | 51.9 | -2.1 |
| 05:30 AM - 05:35 AM | 52.2 | 53.1 | -0.9 | 7.0 | - | 48.2 | 50.4 | -2.2 |
| 05:35 AM - 05:40 AM | 53.8 | 55.0 | -1.2 | 7.0 | - | 49.8 | 52.1 | -2.3 |
| 05:40 AM - 05:45 AM | 53.2 | 53.6 | -0.4 | 7.0 | - | 49.2 | 49.7 | -0.5 |
| 05:45 AM - 05:50 AM | 53.8 | 54.2 | -0.4 | 7.0 | - | 49.8 | 51.1 | -1.3 |
| 05:50 AM - 05:55 AM | 52.8 | 53.5 | -0.7 | 7.0 | - | 48.8 | 50.1 | -1.3 |
| 05:55 AM - 06:00 AM | 53.1 | 54.0 | -0.9 | 7.0 | - | 49.1 | 51.5 | -2.4 |
| 06:00 AM - 07:00 AM | 54.0 | 54.6 | -0.6 | 7.0 | 47.0 | - | 51.5 | -4.5 |
| 07:00 AM - 08:00 AM | 55.3 | 54.7 | 0.6 | 7.0 | 48.3 | - | 51.0 | -2.7 |
| 08:00 AM - 09:00 AM | 55.2 | 50.3 | 4.9 | 1.5 | 53.7 | - | 45.4 | 8.3 |
| 09:00 AM - 10:00 AM | 53.5 | 54.5 | -1.0 | 7.0 | 46.5 | - | 51.7 | -5.2 |
| 10:00 AM - 11:00 AM | 54.9 | 55.8 | -0.9 | 7.0 | 47.9 | - | 52.4 | -4.5 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-3 วันที่ตรวจวัด 25-26 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673473-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-4
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด ^(A) | เสียงขณะ ไม่มีการรบกวน ^(B) | ผลต่าง ระดับเสียง ^(A-B) | ตัวปรับค่า ^(C) | ปรับค่าเสียงจากแหล่งกำเนิด ^(B) | | เสียงพื้นฐาน ^(E) | ค่าระดับ การรบกวน ^(D-E) |
|---------------------|--|--|---------------------------------------|---------------------------|---|----------------------------|-----------------------------|---------------------------------------|
| | | | | | กลางวัน ^(A-C) | กลางคืน ^{(A-C)+3} | | |
| 11:00 AM - 12:00 PM | 54.4 | 55.2 | -0.8 | 7.0 | 47.4 | - | 51.7 | -4.3 |
| 12:00 PM - 01:00 PM | 53.5 | 53.6 | -0.1 | 7.0 | 46.5 | - | 47.2 | -0.7 |
| 01:00 PM - 02:00 PM | 53.3 | 52.7 | 0.6 | 7.0 | 46.3 | - | 48.0 | -1.7 |
| 02:00 PM - 03:00 PM | 58.0 | 55.4 | 2.6 | 3.0 | 55.0 | - | 48.0 | 7.0 |
| 03:00 PM - 04:00 PM | 54.5 | 53.9 | 0.6 | 7.0 | 47.5 | - | 50.3 | -2.8 |
| 04:00 PM - 05:00 PM | 48.1 | 49.2 | -1.1 | 7.0 | 41.1 | - | 43.0 | -1.9 |
| 05:00 PM - 06:00 PM | 51.7 | 55.8 | -4.1 | 7.0 | 44.7 | - | 43.0 | 1.7 |
| 06:00 PM - 07:00 PM | 60.4 | 58.8 | 1.6 | 4.5 | 55.9 | - | 41.9 | 14.0 |
| 07:00 PM - 08:00 PM | 53.0 | 57.8 | -4.8 | 7.0 | 46.0 | - | 44.0 | 2.0 |
| 08:00 PM - 09:00 PM | 54.7 | 52.1 | 2.6 | 3.0 | 51.7 | - | 39.3 | 12.4 |
| 09:00 PM - 10:00 PM | 46.6 | 43.1 | 3.5 | 2.0 | 44.6 | - | 38.1 | 6.5 |
| 10:00 PM - 10:05 PM | 43.4 | 40.5 | 2.9 | 3.0 | - | 43.4 | 36.9 | 6.5 |
| 10:05 PM - 10:10 PM | 41.8 | 39.9 | 1.9 | 4.5 | - | 40.3 | 36.5 | 3.8 |
| 10:10 PM - 10:15 PM | 42.4 | 40.1 | 2.3 | 4.5 | - | 40.9 | 37.2 | 3.7 |
| 10:15 PM - 10:20 PM | 42.4 | 38.6 | 3.8 | 2.0 | - | 43.4 | 35.9 | 7.5 |
| 10:20 PM - 10:25 PM | 44.0 | 40.0 | 4.0 | 2.0 | - | 45.0 | 37.1 | 7.9 |
| 10:25 PM - 10:30 PM | 44.7 | 41.7 | 3.0 | 3.0 | - | 44.7 | 39.0 | 5.7 |
| 10:30 PM - 10:35 PM | 40.9 | 39.4 | 1.5 | 4.5 | - | 39.4 | 37.4 | 2.0 |
| 10:35 PM - 10:40 PM | 44.0 | 39.5 | 4.5 | 1.5 | - | 45.5 | 37.5 | 8.0 |
| 10:40 PM - 10:45 PM | 44.1 | 41.6 | 2.5 | 3.0 | - | 44.1 | 37.9 | 6.2 |
| 10:45 PM - 10:50 PM | 42.6 | 40.9 | 1.7 | 4.5 | - | 41.1 | 37.3 | 3.8 |
| 10:50 PM - 10:55 PM | 56.7 | 55.6 | 1.1 | 7.0 | - | 52.7 | 37.3 | 15.4 |
| 10:55 PM - 11:00 PM | 41.6 | 39.1 | 2.5 | 3.0 | - | 41.6 | 37.6 | 4.0 |
| 11:00 PM - 11:05 PM | 40.8 | 40.0 | 0.8 | 7.0 | - | 36.8 | 37.9 | -1.1 |
| 11:05 PM - 11:10 PM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 39.4 | 2.6 |
| 11:10 PM - 11:15 PM | 42.5 | 42.2 | 0.3 | 7.0 | - | 38.5 | 38.2 | 0.3 |
| 11:15 PM - 11:20 PM | 42.4 | 41.6 | 0.8 | 7.0 | - | 38.4 | 38.3 | 0.1 |
| 11:20 PM - 11:25 PM | 44.5 | 41.5 | 3.0 | 3.0 | - | 44.5 | 37.3 | 7.2 |
| 11:25 PM - 11:30 PM | 42.7 | 40.8 | 1.9 | 4.5 | - | 41.2 | 37.7 | 3.5 |
| 11:30 PM - 11:35 PM | 44.2 | 44.5 | -0.3 | 7.0 | - | 40.2 | 39.9 | 0.3 |
| 11:35 PM - 11:40 PM | 43.0 | 41.8 | 1.2 | 7.0 | - | 39.0 | 39.4 | -0.4 |
| 11:40 PM - 11:45 PM | 43.6 | 43.3 | 0.3 | 7.0 | - | 39.6 | 40.5 | -0.9 |
| 11:45 PM - 11:50 PM | 56.2 | 52.8 | 3.4 | 3.0 | - | 56.2 | 39.3 | 16.9 |
| 11:50 PM - 11:55 PM | 41.9 | 51.2 | -9.3 | 7.0 | - | 37.9 | 39.4 | -1.5 |
| 11:55 PM - 12:00 AM | 41.1 | 41.6 | -0.5 | 7.0 | - | 37.1 | 39.7 | -2.6 |
| 12:00 AM - 12:05 AM | 41.6 | 41.5 | 0.1 | 7.0 | - | 37.6 | 39.9 | -2.3 |
| 12:05 AM - 12:10 AM | 42.7 | 44.7 | -2.0 | 7.0 | - | 38.7 | 38.7 | 0.0 |
| 12:10 AM - 12:15 AM | 39.9 | 42.1 | -2.2 | 7.0 | - | 35.9 | 37.6 | -1.7 |
| 12:15 AM - 12:20 AM | 45.3 | 43.7 | 1.6 | 4.5 | - | 43.8 | 37.7 | 6.1 |
| 12:20 AM - 12:25 AM | 50.5 | 48.6 | 1.9 | 4.5 | - | 49.0 | 37.8 | 11.2 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673473-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-4
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

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 | 56.7 | 49.2 | 7.5 | 0.5 | - | 59.2 | 40.0 | 19.2 |
| 12:30 AM - 12:35 AM | 56.2 | 57.3 | -1.1 | 7.0 | - | 52.2 | 38.1 | 14.1 |
| 12:35 AM - 12:40 AM | 42.6 | 44.7 | -2.1 | 7.0 | - | 38.6 | 38.5 | 0.1 |
| 12:40 AM - 12:45 AM | 56.9 | 56.6 | 0.3 | 7.0 | - | 52.9 | 38.7 | 14.2 |
| 12:45 AM - 12:50 AM | 54.5 | 53.9 | 0.6 | 7.0 | - | 50.5 | 38.1 | 12.4 |
| 12:50 AM - 12:55 AM | 48.9 | 48.4 | 0.5 | 7.0 | - | 44.9 | 39.6 | 5.3 |
| 12:55 AM - 01:00 AM | 56.2 | 52.9 | 3.3 | 3.0 | - | 56.2 | 40.6 | 15.6 |
| 01:00 AM - 01:05 AM | 57.6 | 57.5 | 0.1 | 7.0 | - | 53.6 | 41.0 | 12.6 |
| 01:05 AM - 01:10 AM | 59.3 | 57.4 | 1.9 | 4.5 | - | 57.8 | 43.8 | 14.0 |
| 01:10 AM - 01:15 AM | 54.9 | 58.6 | -3.7 | 7.0 | - | 50.9 | 45.1 | 5.8 |
| 01:15 AM - 01:20 AM | 51.2 | 48.9 | 2.3 | 4.5 | - | 49.7 | 41.1 | 8.6 |
| 01:20 AM - 01:25 AM | 54.0 | 54.6 | -0.6 | 7.0 | - | 50.0 | 41.7 | 8.3 |
| 01:25 AM - 01:30 AM | 54.0 | 53.9 | 0.1 | 7.0 | - | 50.0 | 47.1 | 2.9 |
| 01:30 AM - 01:35 AM | 55.2 | 54.0 | 1.2 | 7.0 | - | 51.2 | 45.0 | 6.2 |
| 01:35 AM - 01:40 AM | 56.5 | 58.9 | -2.4 | 7.0 | - | 52.5 | 42.7 | 9.8 |
| 01:40 AM - 01:45 AM | 49.4 | 52.3 | -2.9 | 7.0 | - | 45.4 | 43.9 | 1.5 |
| 01:45 AM - 01:50 AM | 51.6 | 51.8 | -0.2 | 7.0 | - | 47.6 | 42.6 | 5.0 |
| 01:50 AM - 01:55 AM | 48.9 | 48.3 | 0.6 | 7.0 | - | 44.9 | 43.4 | 1.5 |
| 01:55 AM - 02:00 AM | 56.8 | 51.7 | 5.1 | 1.5 | - | 58.3 | 44.2 | 14.1 |
| 02:00 AM - 02:05 AM | 56.4 | 52.8 | 3.6 | 2.0 | - | 57.4 | 42.5 | 14.9 |
| 02:05 AM - 02:10 AM | 50.4 | 66.7 | -16.3 | 7.0 | - | 46.4 | 43.7 | 2.7 |
| 02:10 AM - 02:15 AM | 52.5 | 64.3 | -11.8 | 7.0 | - | 48.5 | 45.6 | 2.9 |
| 02:15 AM - 02:20 AM | 49.8 | 50.5 | -0.7 | 7.0 | - | 45.8 | 44.8 | 1.0 |
| 02:20 AM - 02:25 AM | 54.5 | 54.8 | -0.3 | 7.0 | - | 50.5 | 44.4 | 6.1 |
| 02:25 AM - 02:30 AM | 52.5 | 50.1 | 2.4 | 4.5 | - | 51.0 | 44.7 | 6.3 |
| 02:30 AM - 02:35 AM | 51.0 | 49.0 | 2.0 | 4.5 | - | 49.5 | 45.3 | 4.2 |
| 02:35 AM - 02:40 AM | 51.2 | 46.9 | 4.3 | 2.0 | - | 52.2 | 44.5 | 7.7 |
| 02:40 AM - 02:45 AM | 53.4 | 50.6 | 2.8 | 3.0 | - | 53.4 | 45.4 | 8.0 |
| 02:45 AM - 02:50 AM | 55.6 | 54.2 | 1.4 | 7.0 | - | 51.6 | 46.6 | 5.0 |
| 02:50 AM - 02:55 AM | 49.9 | 48.8 | 1.1 | 7.0 | - | 45.9 | 46.6 | -0.7 |
| 02:55 AM - 03:00 AM | 52.0 | 50.9 | 1.1 | 7.0 | - | 48.0 | 48.1 | -0.1 |
| 03:00 AM - 03:05 AM | 50.3 | 51.5 | -1.2 | 7.0 | - | 46.3 | 48.7 | -2.4 |
| 03:05 AM - 03:10 AM | 53.5 | 52.6 | 0.9 | 7.0 | - | 49.5 | 46.8 | 2.7 |
| 03:10 AM - 03:15 AM | 59.9 | 59.0 | 0.9 | 7.0 | - | 55.9 | 48.0 | 7.9 |
| 03:15 AM - 03:20 AM | 55.1 | 55.3 | -0.2 | 7.0 | - | 51.1 | 47.3 | 3.8 |
| 03:20 AM - 03:25 AM | 51.9 | 53.4 | -1.5 | 7.0 | - | 47.9 | 46.3 | 1.6 |
| 03:25 AM - 03:30 AM | 53.3 | 52.0 | 1.3 | 7.0 | - | 49.3 | 47.1 | 2.2 |
| 03:30 AM - 03:35 AM | 53.2 | 54.8 | -1.6 | 7.0 | - | 49.2 | 46.8 | 2.4 |
| 03:35 AM - 03:40 AM | 52.3 | 51.4 | 0.9 | 7.0 | - | 48.3 | 46.3 | 2.0 |
| 03:40 AM - 03:45 AM | 59.0 | 57.2 | 1.8 | 4.5 | - | 57.5 | 46.1 | 11.4 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673473-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-4
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 03:45 AM - 03:50 AM | 50.1 | 49.6 | 0.5 | 7.0 | - | 46.1 | 45.3 | 0.8 |
| 03:50 AM - 03:55 AM | 53.1 | 52.4 | 0.7 | 7.0 | - | 49.1 | 47.0 | 2.1 |
| 03:55 AM - 04:00 AM | 57.2 | 56.3 | 0.9 | 7.0 | - | 53.2 | 49.2 | 4.0 |
| 04:00 AM - 04:05 AM | 53.3 | 52.2 | 1.1 | 7.0 | - | 49.3 | 48.0 | 1.3 |
| 04:05 AM - 04:10 AM | 56.4 | 54.3 | 2.1 | 4.5 | - | 54.9 | 47.0 | 7.9 |
| 04:10 AM - 04:15 AM | 49.9 | 49.4 | 0.5 | 7.0 | - | 45.9 | 46.4 | -0.5 |
| 04:15 AM - 04:20 AM | 50.8 | 50.7 | 0.1 | 7.0 | - | 46.8 | 46.7 | 0.1 |
| 04:20 AM - 04:25 AM | 52.8 | 52.4 | 0.4 | 7.0 | - | 48.8 | 47.0 | 1.8 |
| 04:25 AM - 04:30 AM | 52.8 | 53.4 | -0.6 | 7.0 | - | 48.8 | 47.9 | 0.9 |
| 04:30 AM - 04:35 AM | 53.4 | 53.1 | 0.3 | 7.0 | - | 49.4 | 48.7 | 0.7 |
| 04:35 AM - 04:40 AM | 52.9 | 54.2 | -1.3 | 7.0 | - | 48.9 | 49.6 | -0.7 |
| 04:40 AM - 04:45 AM | 54.4 | 52.5 | 1.9 | 4.5 | - | 52.9 | 48.0 | 4.9 |
| 04:45 AM - 04:50 AM | 53.2 | 53.6 | -0.4 | 7.0 | - | 49.2 | 50.4 | -1.2 |
| 04:50 AM - 04:55 AM | 54.4 | 54.9 | -0.5 | 7.0 | - | 50.4 | 51.1 | -0.7 |
| 04:55 AM - 05:00 AM | 49.6 | 50.3 | -0.7 | 7.0 | - | 45.6 | 46.5 | -0.9 |
| 05:00 AM - 05:05 AM | 53.3 | 53.5 | -0.2 | 7.0 | - | 49.3 | 50.6 | -1.3 |
| 05:05 AM - 05:10 AM | 55.4 | 56.1 | -0.7 | 7.0 | - | 51.4 | 50.3 | 1.1 |
| 05:10 AM - 05:15 AM | 55.9 | 56.4 | -0.5 | 7.0 | - | 51.9 | 51.8 | 0.1 |
| 05:15 AM - 05:20 AM | 50.2 | 59.5 | -9.3 | 7.0 | - | 46.2 | 54.8 | -8.6 |
| 05:20 AM - 05:25 AM | 57.9 | 60.9 | -3.0 | 7.0 | - | 53.9 | 54.6 | -0.7 |
| 05:25 AM - 05:30 AM | 56.6 | 58.6 | -2.0 | 7.0 | - | 52.6 | 54.6 | -2.0 |
| 05:30 AM - 05:35 AM | 57.1 | 58.0 | -0.9 | 7.0 | - | 53.1 | 55.5 | -2.4 |
| 05:35 AM - 05:40 AM | 57.0 | 58.2 | -1.2 | 7.0 | - | 53.0 | 55.5 | -2.5 |
| 05:40 AM - 05:45 AM | 56.0 | 57.2 | -1.2 | 7.0 | - | 52.0 | 54.8 | -2.8 |
| 05:45 AM - 05:50 AM | 57.3 | 57.4 | -0.1 | 7.0 | - | 53.3 | 54.8 | -1.5 |
| 05:50 AM - 05:55 AM | 57.0 | 59.5 | -2.5 | 7.0 | - | 53.0 | 55.4 | -2.4 |
| 05:55 AM - 06:00 AM | 60.4 | 57.0 | 3.4 | 3.0 | - | 60.4 | 53.7 | 6.7 |
| 06:00 AM - 07:00 AM | 55.4 | 56.0 | -0.6 | 7.0 | 48.4 | - | 53.0 | -4.6 |
| 07:00 AM - 08:00 AM | 57.2 | 54.1 | 3.1 | 3.0 | 54.2 | - | 51.2 | 3.0 |
| 08:00 AM - 09:00 AM | 55.1 | 53.4 | 1.7 | 4.5 | 50.6 | - | 46.8 | 3.8 |
| 09:00 AM - 10:00 AM | 54.9 | 54.7 | 0.2 | 7.0 | 47.9 | - | 52.1 | -4.2 |
| 10:00 AM - 11:00 AM | 52.7 | 53.2 | -0.5 | 7.0 | 45.7 | - | 49.8 | -4.1 |

ค่ามาตรฐาน ≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-4 วันที่ตรวจวัด 26-27 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673474-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-5
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 53.8 | 53.8 | 0.0 | 7.0 | 46.8 | - | 48.8 | -2.0 |
| 12:00 PM - 01:00 PM | 57.1 | 55.0 | 2.1 | 4.5 | 52.6 | - | 47.8 | 4.8 |
| 01:00 PM - 02:00 PM | 51.8 | 50.6 | 1.2 | 7.0 | 44.8 | - | 46.6 | -1.8 |
| 02:00 PM - 03:00 PM | 52.4 | 59.6 | -7.2 | 7.0 | 45.4 | - | 44.1 | 1.3 |
| 03:00 PM - 04:00 PM | 47.7 | 46.8 | 0.9 | 7.0 | 40.7 | - | 42.6 | -1.9 |
| 04:00 PM - 05:00 PM | 59.9 | 52.2 | 7.7 | 0.5 | 59.4 | - | 42.2 | 17.2 |
| 05:00 PM - 06:00 PM | 50.1 | 52.9 | -2.8 | 7.0 | 43.1 | - | 41.0 | 2.1 |
| 06:00 PM - 07:00 PM | 42.3 | 41.5 | 0.8 | 7.0 | 35.3 | - | 39.2 | -3.9 |
| 07:00 PM - 08:00 PM | 49.5 | 54.5 | -5.0 | 7.0 | 42.5 | - | 38.4 | 4.1 |
| 08:00 PM - 09:00 PM | 42.1 | 42.9 | -0.8 | 7.0 | 35.1 | - | 41.1 | -6.0 |
| 09:00 PM - 10:00 PM | 55.4 | 56.7 | -1.3 | 7.0 | 48.4 | - | 42.9 | 5.5 |
| 10:00 PM - 10:05 PM | 42.0 | 54.9 | -12.9 | 7.0 | - | 38.0 | 37.6 | 0.4 |
| 10:05 PM - 10:10 PM | 43.5 | 38.4 | 5.1 | 1.5 | - | 45.0 | 37.4 | 7.6 |
| 10:10 PM - 10:15 PM | 42.7 | 39.2 | 3.5 | 2.0 | - | 43.7 | 37.8 | 5.9 |
| 10:15 PM - 10:20 PM | 42.0 | 39.2 | 2.8 | 3.0 | - | 42.0 | 38.2 | 3.8 |
| 10:20 PM - 10:25 PM | 42.7 | 39.7 | 3.0 | 3.0 | - | 42.7 | 38.3 | 4.4 |
| 10:25 PM - 10:30 PM | 44.0 | 39.8 | 4.2 | 2.0 | - | 45.0 | 37.9 | 7.1 |
| 10:30 PM - 10:35 PM | 41.7 | 41.4 | 0.3 | 7.0 | - | 37.7 | 36.6 | 1.1 |
| 10:35 PM - 10:40 PM | 42.7 | 40.5 | 2.2 | 4.5 | - | 41.2 | 38.1 | 3.1 |
| 10:40 PM - 10:45 PM | 41.6 | 42.0 | -0.4 | 7.0 | - | 37.6 | 37.8 | -0.2 |
| 10:45 PM - 10:50 PM | 41.9 | 38.3 | 3.6 | 2.0 | - | 42.9 | 36.9 | 6.0 |
| 10:50 PM - 10:55 PM | 41.7 | 40.8 | 0.9 | 7.0 | - | 37.7 | 38.6 | -0.9 |
| 10:55 PM - 11:00 PM | 40.2 | 39.4 | 0.8 | 7.0 | - | 36.2 | 37.2 | -1.0 |
| 11:00 PM - 11:05 PM | 39.9 | 37.3 | 2.6 | 3.0 | - | 39.9 | 36.4 | 3.5 |
| 11:05 PM - 11:10 PM | 56.7 | 42.7 | 14.0 | 0.0 | - | 59.7 | 37.8 | 21.9 |
| 11:10 PM - 11:15 PM | 41.0 | 53.0 | -12.0 | 7.0 | - | 37.0 | 38.1 | -1.1 |
| 11:15 PM - 11:20 PM | 40.6 | 38.8 | 1.8 | 4.5 | - | 39.1 | 37.4 | 1.7 |
| 11:20 PM - 11:25 PM | 40.2 | 38.0 | 2.2 | 4.5 | - | 38.7 | 36.8 | 1.9 |
| 11:25 PM - 11:30 PM | 38.6 | 38.6 | 0.0 | 7.0 | - | 34.6 | 35.7 | -1.1 |
| 11:30 PM - 11:35 PM | 39.6 | 37.6 | 2.0 | 4.5 | - | 38.1 | 35.8 | 2.3 |
| 11:35 PM - 11:40 PM | 53.5 | 39.4 | 14.1 | 0.0 | - | 56.5 | 36.8 | 19.7 |
| 11:40 PM - 11:45 PM | 39.8 | 51.0 | -11.2 | 7.0 | - | 35.8 | 38.7 | -2.9 |
| 11:45 PM - 11:50 PM | 58.8 | 56.1 | 2.7 | 3.0 | - | 58.8 | 36.6 | 22.2 |
| 11:50 PM - 11:55 PM | 45.1 | 45.5 | -0.4 | 7.0 | - | 41.1 | 38.6 | 2.5 |
| 11:55 PM - 12:00 AM | 38.8 | 38.0 | 0.8 | 7.0 | - | 34.8 | 36.3 | -1.5 |
| 12:00 AM - 12:05 AM | 48.7 | 38.0 | 10.7 | 0.5 | - | 51.2 | 36.6 | 14.6 |
| 12:05 AM - 12:10 AM | 54.4 | 47.2 | 7.2 | 1.0 | - | 56.4 | 37.4 | 19.0 |
| 12:10 AM - 12:15 AM | 54.0 | 51.9 | 2.1 | 4.5 | - | 52.5 | 37.9 | 14.6 |
| 12:15 AM - 12:20 AM | 52.0 | 58.5 | -6.5 | 7.0 | - | 48.0 | 44.0 | 4.0 |
| 12:20 AM - 12:25 AM | 59.1 | 67.1 | -8.0 | 7.0 | - | 55.1 | 56.5 | -1.4 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673474-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-5
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|----------------------------|------------------------------|---------------------------|-------------------|-----------------------------------|--------------------|---------------------|---------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:25 AM - 12:30 AM | 55.2 | 55.5 | -0.3 | 7.0 | - | 51.2 | 50.2 | 1.0 |
| 12:30 AM - 12:35 AM | 48.0 | 51.8 | -3.8 | 7.0 | - | 44.0 | 41.3 | 2.7 |
| 12:35 AM - 12:40 AM | 49.2 | 49.6 | -0.4 | 7.0 | - | 45.2 | 44.4 | 0.8 |
| 12:40 AM - 12:45 AM | 51.0 | 50.2 | 0.8 | 7.0 | - | 47.0 | 46.0 | 1.0 |
| 12:45 AM - 12:50 AM | 68.5 | 52.1 | 16.4 | 0.0 | - | 71.5 | 47.5 | 24.0 |
| 12:50 AM - 12:55 AM | 54.2 | 61.5 | -7.3 | 7.0 | - | 50.2 | 46.5 | 3.7 |
| 12:55 AM - 01:00 AM | 64.3 | 69.6 | -5.3 | 7.0 | - | 60.3 | 55.8 | 4.5 |
| 01:00 AM - 01:05 AM | 59.0 | 61.3 | -2.3 | 7.0 | - | 55.0 | 54.0 | 1.0 |
| 01:05 AM - 01:10 AM | 60.0 | 59.7 | 0.3 | 7.0 | - | 56.0 | 56.4 | -0.4 |
| 01:10 AM - 01:15 AM | 58.2 | 58.1 | 0.1 | 7.0 | - | 54.2 | 55.0 | -0.8 |
| 01:15 AM - 01:20 AM | 57.5 | 57.8 | -0.3 | 7.0 | - | 53.5 | 53.1 | 0.4 |
| 01:20 AM - 01:25 AM | 54.9 | 55.8 | -0.9 | 7.0 | - | 50.9 | 53.5 | -2.6 |
| 01:25 AM - 01:30 AM | 59.0 | 53.2 | 5.8 | 1.5 | - | 60.5 | 50.7 | 9.8 |
| 01:30 AM - 01:35 AM | 60.8 | 61.6 | -0.8 | 7.0 | - | 56.8 | 47.8 | 9.0 |
| 01:35 AM - 01:40 AM | 53.4 | 59.2 | -5.8 | 7.0 | - | 49.4 | 46.3 | 3.1 |
| 01:40 AM - 01:45 AM | 55.2 | 50.6 | 4.6 | 1.5 | - | 56.7 | 46.3 | 10.4 |
| 01:45 AM - 01:50 AM | 54.6 | 55.6 | -1.0 | 7.0 | - | 50.6 | 45.8 | 4.8 |
| 01:50 AM - 01:55 AM | 52.4 | 49.6 | 2.8 | 3.0 | - | 52.4 | 44.9 | 7.5 |
| 01:55 AM - 02:00 AM | 55.4 | 52.9 | 2.5 | 3.0 | - | 55.4 | 46.8 | 8.6 |
| 02:00 AM - 02:05 AM | 49.7 | 52.8 | -3.1 | 7.0 | - | 45.7 | 47.0 | -1.3 |
| 02:05 AM - 02:10 AM | 52.6 | 52.1 | 0.5 | 7.0 | - | 48.6 | 48.1 | 0.5 |
| 02:10 AM - 02:15 AM | 52.9 | 52.5 | 0.4 | 7.0 | - | 48.9 | 49.1 | -0.2 |
| 02:15 AM - 02:20 AM | 51.9 | 52.0 | -0.1 | 7.0 | - | 47.9 | 50.1 | -2.2 |
| 02:20 AM - 02:25 AM | 53.3 | 50.8 | 2.5 | 3.0 | - | 53.3 | 47.0 | 6.3 |
| 02:25 AM - 02:30 AM | 51.0 | 52.9 | -1.9 | 7.0 | - | 47.0 | 48.1 | -1.1 |
| 02:30 AM - 02:35 AM | 50.7 | 50.5 | 0.2 | 7.0 | - | 46.7 | 47.4 | -0.7 |
| 02:35 AM - 02:40 AM | 55.2 | 52.1 | 3.1 | 3.0 | - | 55.2 | 47.0 | 8.2 |
| 02:40 AM - 02:45 AM | 53.8 | 51.7 | 2.1 | 4.5 | - | 52.3 | 46.1 | 6.2 |
| 02:45 AM - 02:50 AM | 55.7 | 53.1 | 2.6 | 3.0 | - | 55.7 | 47.7 | 8.0 |
| 02:50 AM - 02:55 AM | 57.5 | 61.2 | -3.7 | 7.0 | - | 53.5 | 47.7 | 5.8 |
| 02:55 AM - 03:00 AM | 52.1 | 64.0 | -11.9 | 7.0 | - | 48.1 | 47.4 | 0.7 |
| 03:00 AM - 03:05 AM | 50.4 | 49.9 | 0.5 | 7.0 | - | 46.4 | 47.7 | -1.3 |
| 03:05 AM - 03:10 AM | 51.1 | 51.0 | 0.1 | 7.0 | - | 47.1 | 47.8 | -0.7 |
| 03:10 AM - 03:15 AM | 49.6 | 50.4 | -0.8 | 7.0 | - | 45.6 | 47.8 | -2.2 |
| 03:15 AM - 03:20 AM | 51.6 | 50.1 | 1.5 | 4.5 | - | 50.1 | 47.2 | 2.9 |
| 03:20 AM - 03:25 AM | 52.5 | 50.7 | 1.8 | 4.5 | - | 51.0 | 47.3 | 3.7 |
| 03:25 AM - 03:30 AM | 56.3 | 51.4 | 4.9 | 1.5 | - | 57.8 | 47.2 | 10.6 |
| 03:30 AM - 03:35 AM | 52.6 | 55.1 | -2.5 | 7.0 | - | 48.6 | 47.7 | 0.9 |
| 03:35 AM - 03:40 AM | 53.1 | 54.9 | -1.8 | 7.0 | - | 49.1 | 50.2 | -1.1 |
| 03:40 AM - 03:45 AM | 51.3 | 53.3 | -2.0 | 7.0 | - | 47.3 | 48.1 | -0.8 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673474-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-5
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 03:45 AM - 03:50 AM | 52.4 | 49.8 | 2.6 | 3.0 | - | 52.4 | 46.7 | 5.7 |
| 03:50 AM - 03:55 AM | 53.4 | 51.6 | 1.8 | 4.5 | - | 51.9 | 47.0 | 4.9 |
| 03:55 AM - 04:00 AM | 49.8 | 50.9 | -1.1 | 7.0 | - | 45.8 | 47.4 | -1.6 |
| 04:00 AM - 04:05 AM | 54.2 | 51.3 | 2.9 | 3.0 | - | 54.2 | 47.2 | 7.0 |
| 04:05 AM - 04:10 AM | 52.3 | 52.7 | -0.4 | 7.0 | - | 48.3 | 49.1 | -0.8 |
| 04:10 AM - 04:15 AM | 51.6 | 50.7 | 0.9 | 7.0 | - | 47.6 | 47.0 | 0.6 |
| 04:15 AM - 04:20 AM | 52.8 | 50.3 | 2.5 | 3.0 | - | 52.8 | 47.0 | 5.8 |
| 04:20 AM - 04:25 AM | 55.7 | 54.5 | 1.2 | 7.0 | - | 51.7 | 47.9 | 3.8 |
| 04:25 AM - 04:30 AM | 51.3 | 50.1 | 1.2 | 7.0 | - | 47.3 | 47.0 | 0.3 |
| 04:30 AM - 04:35 AM | 67.1 | 64.0 | 3.1 | 3.0 | - | 67.1 | 31.7 | 35.4 |
| 04:35 AM - 04:40 AM | 49.6 | 64.9 | -15.3 | 7.0 | - | 45.6 | 31.9 | 13.7 |
| 04:40 AM - 04:45 AM | 53.5 | 48.7 | 4.8 | 1.5 | - | 55.0 | 46.5 | 8.5 |
| 04:45 AM - 04:50 AM | 53.9 | 52.6 | 1.3 | 7.0 | - | 49.9 | 46.2 | 3.7 |
| 04:50 AM - 04:55 AM | 48.9 | 50.2 | -1.3 | 7.0 | - | 44.9 | 44.9 | 0.0 |
| 04:55 AM - 05:00 AM | 49.2 | 49.4 | -0.2 | 7.0 | - | 45.2 | 45.0 | 0.2 |
| 05:00 AM - 05:05 AM | 48.3 | 48.1 | 0.2 | 7.0 | - | 44.3 | 44.6 | -0.3 |
| 05:05 AM - 05:10 AM | 53.2 | 47.7 | 5.5 | 1.5 | - | 54.7 | 44.1 | 10.6 |
| 05:10 AM - 05:15 AM | 52.8 | 51.1 | 1.7 | 4.5 | - | 51.3 | 45.7 | 5.6 |
| 05:15 AM - 05:20 AM | 54.9 | 51.9 | 3.0 | 3.0 | - | 54.9 | 46.7 | 8.2 |
| 05:20 AM - 05:25 AM | 55.6 | 58.3 | -2.7 | 7.0 | - | 51.6 | 47.9 | 3.7 |
| 05:25 AM - 05:30 AM | 68.2 | 57.8 | 10.4 | 0.5 | - | 70.7 | 48.5 | 22.2 |
| 05:30 AM - 05:35 AM | 54.5 | 56.9 | -2.4 | 7.0 | - | 50.5 | 49.5 | 1.0 |
| 05:35 AM - 05:40 AM | 50.3 | 53.7 | -3.4 | 7.0 | - | 46.3 | 47.9 | -1.6 |
| 05:40 AM - 05:45 AM | 49.5 | 49.9 | -0.4 | 7.0 | - | 45.5 | 47.0 | -1.5 |
| 05:45 AM - 05:50 AM | 47.6 | 49.4 | -1.8 | 7.0 | - | 43.6 | 46.4 | -2.8 |
| 05:50 AM - 05:55 AM | 50.5 | 48.4 | 2.1 | 4.5 | - | 49.0 | 44.4 | 4.6 |
| 05:55 AM - 06:00 AM | 65.0 | 54.8 | 10.2 | 0.5 | - | 67.5 | 45.2 | 22.3 |
| 06:00 AM - 07:00 AM | 53.5 | 54.4 | -0.9 | 7.0 | 46.5 | - | 44.9 | 1.6 |
| 07:00 AM - 08:00 AM | 57.4 | 50.9 | 6.5 | 1.0 | 56.4 | - | 42.8 | 13.6 |
| 08:00 AM - 09:00 AM | 58.3 | 65.2 | -6.9 | 7.0 | 51.3 | - | 61.8 | -10.5 |
| 09:00 AM - 10:00 AM | 54.6 | 56.0 | -1.4 | 7.0 | 47.6 | - | 52.7 | -5.1 |
| 10:00 AM - 11:00 AM | 53.1 | 54.8 | -1.7 | 7.0 | 46.1 | - | 51.8 | -5.7 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 27-28 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-5 วันที่ตรวจวัด 27-28 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673475-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-6
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 11:00 AM - 12:00 PM | 53.6 | 53.8 | -0.2 | 7.0 | 46.6 | - | 49.4 | -2.8 |
| 12:00 PM - 01:00 PM | 57.4 | 54.1 | 3.3 | 3.0 | 54.4 | - | 46.9 | 7.5 |
| 01:00 PM - 02:00 PM | 54.1 | 51.7 | 2.4 | 4.5 | 49.6 | - | 41.9 | 7.7 |
| 02:00 PM - 03:00 PM | 54.4 | 53.0 | 1.4 | 7.0 | 47.4 | - | 43.3 | 4.1 |
| 03:00 PM - 04:00 PM | 50.3 | 48.7 | 1.6 | 4.5 | 45.8 | - | 42.9 | 2.9 |
| 04:00 PM - 05:00 PM | 56.1 | 56.5 | -0.4 | 7.0 | 49.1 | - | 54.0 | -4.9 |
| 05:00 PM - 06:00 PM | 58.7 | 57.6 | 1.1 | 7.0 | 51.7 | - | 53.6 | -1.9 |
| 06:00 PM - 07:00 PM | 50.6 | 52.9 | -2.3 | 7.0 | 43.6 | - | 46.5 | -2.9 |
| 07:00 PM - 08:00 PM | 50.8 | 53.4 | -2.6 | 7.0 | 43.8 | - | 46.9 | -3.1 |
| 08:00 PM - 09:00 PM | 53.3 | 55.4 | -2.1 | 7.0 | 46.3 | - | 51.7 | -5.4 |
| 09:00 PM - 10:00 PM | 52.2 | 54.4 | -2.2 | 7.0 | 45.2 | - | 50.4 | -5.2 |
| 10:00 PM - 10:05 PM | 54.9 | 58.7 | -3.8 | 7.0 | - | 50.9 | 56.6 | -5.7 |
| 10:05 PM - 10:10 PM | 54.8 | 58.4 | -3.6 | 7.0 | - | 50.8 | 55.5 | -4.7 |
| 10:10 PM - 10:15 PM | 52.1 | 56.8 | -4.7 | 7.0 | - | 48.1 | 40.2 | 7.9 |
| 10:15 PM - 10:20 PM | 53.1 | 56.2 | -3.1 | 7.0 | - | 49.1 | 42.2 | 6.9 |
| 10:20 PM - 10:25 PM | 49.3 | 54.7 | -5.4 | 7.0 | - | 45.3 | 39.9 | 5.4 |
| 10:25 PM - 10:30 PM | 54.0 | 54.7 | -0.7 | 7.0 | - | 50.0 | 40.4 | 9.6 |
| 10:30 PM - 10:35 PM | 51.7 | 55.7 | -4.0 | 7.0 | - | 47.7 | 40.7 | 7.0 |
| 10:35 PM - 10:40 PM | 54.6 | 56.5 | -1.9 | 7.0 | - | 50.6 | 47.0 | 3.6 |
| 10:40 PM - 10:45 PM | 51.7 | 57.2 | -5.5 | 7.0 | - | 47.7 | 43.1 | 4.6 |
| 10:45 PM - 10:50 PM | 47.2 | 49.6 | -2.4 | 7.0 | - | 43.2 | 39.2 | 4.0 |
| 10:50 PM - 10:55 PM | 47.3 | 47.4 | -0.1 | 7.0 | - | 43.3 | 38.4 | 4.9 |
| 10:55 PM - 11:00 PM | 48.9 | 51.0 | -2.1 | 7.0 | - | 44.9 | 39.0 | 5.9 |
| 11:00 PM - 11:05 PM | 50.5 | 50.6 | -0.1 | 7.0 | - | 46.5 | 39.9 | 6.6 |
| 11:05 PM - 11:10 PM | 55.3 | 56.9 | -1.6 | 7.0 | - | 51.3 | 38.6 | 12.7 |
| 11:10 PM - 11:15 PM | 45.1 | 47.6 | -2.5 | 7.0 | - | 41.1 | 38.0 | 3.1 |
| 11:15 PM - 11:20 PM | 50.2 | 48.3 | 1.9 | 4.5 | - | 48.7 | 38.5 | 10.2 |
| 11:20 PM - 11:25 PM | 46.3 | 50.4 | -4.1 | 7.0 | - | 42.3 | 41.6 | 0.7 |
| 11:25 PM - 11:30 PM | 52.8 | 49.2 | 3.6 | 2.0 | - | 53.8 | 41.6 | 12.2 |
| 11:30 PM - 11:35 PM | 53.3 | 54.6 | -1.3 | 7.0 | - | 49.3 | 51.6 | -2.3 |
| 11:35 PM - 11:40 PM | 55.0 | 54.5 | 0.5 | 7.0 | - | 51.0 | 51.4 | -0.4 |
| 11:40 PM - 11:45 PM | 53.2 | 55.5 | -2.3 | 7.0 | - | 49.2 | 51.8 | -2.6 |
| 11:45 PM - 11:50 PM | 50.6 | 53.1 | -2.5 | 7.0 | - | 46.6 | 50.3 | -3.7 |
| 11:50 PM - 11:55 PM | 50.6 | 50.7 | -0.1 | 7.0 | - | 46.6 | 48.7 | -2.1 |
| 11:55 PM - 12:00 AM | 49.4 | 50.7 | -1.3 | 7.0 | - | 45.4 | 49.6 | -4.2 |
| 12:00 AM - 12:05 AM | 46.4 | 48.0 | -1.6 | 7.0 | - | 42.4 | 46.9 | -4.5 |
| 12:05 AM - 12:10 AM | 44.1 | 45.6 | -1.5 | 7.0 | - | 40.1 | 42.4 | -2.3 |
| 12:10 AM - 12:15 AM | 47.4 | 45.8 | 1.6 | 4.5 | - | 45.9 | 41.9 | 4.0 |
| 12:15 AM - 12:20 AM | 44.3 | 48.6 | -4.3 | 7.0 | - | 40.3 | 42.5 | -2.2 |
| 12:20 AM - 12:25 AM | 44.6 | 42.9 | 1.7 | 4.5 | - | 43.1 | 41.2 | 1.9 |

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Approved by

WilB.

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673475-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-6
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:25 AM - 12:30 AM | 43.5 | 44.0 | -0.5 | 7.0 | - | 39.5 | 41.4 | -1.9 |
| 12:30 AM - 12:35 AM | 53.8 | 55.2 | -1.4 | 7.0 | - | 49.8 | 39.6 | 10.2 |
| 12:35 AM - 12:40 AM | 40.8 | 44.4 | -3.6 | 7.0 | - | 36.8 | 38.1 | -1.3 |
| 12:40 AM - 12:45 AM | 52.4 | 41.1 | 11.3 | 0.5 | - | 54.9 | 37.9 | 17.0 |
| 12:45 AM - 12:50 AM | 44.7 | 53.4 | -8.7 | 7.0 | - | 40.7 | 37.9 | 2.8 |
| 12:50 AM - 12:55 AM | 57.3 | 55.7 | 1.6 | 4.5 | - | 55.8 | 37.5 | 18.3 |
| 12:55 AM - 01:00 AM | 54.1 | 56.8 | -2.7 | 7.0 | - | 50.1 | 38.6 | 11.5 |
| 01:00 AM - 01:05 AM | 55.5 | 58.4 | -2.9 | 7.0 | - | 51.5 | 41.1 | 10.4 |
| 01:05 AM - 01:10 AM | 56.7 | 47.2 | 9.5 | 0.5 | - | 59.2 | 40.8 | 18.4 |
| 01:10 AM - 01:15 AM | 58.1 | 59.9 | -1.8 | 7.0 | - | 54.1 | 41.7 | 12.4 |
| 01:15 AM - 01:20 AM | 59.0 | 59.1 | -0.1 | 7.0 | - | 55.0 | 48.5 | 6.5 |
| 01:20 AM - 01:25 AM | 55.1 | 58.6 | -3.5 | 7.0 | - | 51.1 | 44.9 | 6.2 |
| 01:25 AM - 01:30 AM | 47.9 | 49.3 | -1.4 | 7.0 | - | 43.9 | 43.2 | 0.7 |
| 01:30 AM - 01:35 AM | 54.8 | 52.0 | 2.8 | 3.0 | - | 54.8 | 44.0 | 10.8 |
| 01:35 AM - 01:40 AM | 52.2 | 53.5 | -1.3 | 7.0 | - | 48.2 | 43.2 | 5.0 |
| 01:40 AM - 01:45 AM | 47.7 | 47.4 | 0.3 | 7.0 | - | 43.7 | 43.1 | 0.6 |
| 01:45 AM - 01:50 AM | 58.1 | 48.6 | 9.5 | 0.5 | - | 60.6 | 43.7 | 16.9 |
| 01:50 AM - 01:55 AM | 50.1 | 57.6 | -7.5 | 7.0 | - | 46.1 | 44.5 | 1.6 |
| 01:55 AM - 02:00 AM | 63.2 | 66.9 | -3.7 | 7.0 | - | 59.2 | 45.2 | 14.0 |
| 02:00 AM - 02:05 AM | 50.1 | 49.4 | 0.7 | 7.0 | - | 46.1 | 45.4 | 0.7 |
| 02:05 AM - 02:10 AM | 55.5 | 49.7 | 5.8 | 1.5 | - | 57.0 | 45.8 | 11.2 |
| 02:10 AM - 02:15 AM | 53.7 | 54.1 | -0.4 | 7.0 | - | 49.7 | 46.6 | 3.1 |
| 02:15 AM - 02:20 AM | 54.7 | 53.4 | 1.3 | 7.0 | - | 50.7 | 48.8 | 1.9 |
| 02:20 AM - 02:25 AM | 51.1 | 52.6 | -1.5 | 7.0 | - | 47.1 | 46.7 | 0.4 |
| 02:25 AM - 02:30 AM | 50.6 | 49.4 | 1.2 | 7.0 | - | 46.6 | 46.6 | 0.0 |
| 02:30 AM - 02:35 AM | 53.5 | 53.3 | 0.2 | 7.0 | - | 49.5 | 48.1 | 1.4 |
| 02:35 AM - 02:40 AM | 59.7 | 50.7 | 9.0 | 0.5 | - | 62.2 | 45.7 | 16.5 |
| 02:40 AM - 02:45 AM | 52.2 | 58.7 | -6.5 | 7.0 | - | 48.2 | 46.5 | 1.7 |
| 02:45 AM - 02:50 AM | 52.6 | 59.3 | -6.7 | 7.0 | - | 48.6 | 45.7 | 2.9 |
| 02:50 AM - 02:55 AM | 53.2 | 51.2 | 2.0 | 4.5 | - | 51.7 | 46.6 | 5.1 |
| 02:55 AM - 03:00 AM | 55.2 | 50.8 | 4.4 | 2.0 | - | 56.2 | 47.5 | 8.7 |
| 03:00 AM - 03:05 AM | 59.5 | 54.2 | 5.3 | 1.5 | - | 61.0 | 47.1 | 13.9 |
| 03:05 AM - 03:10 AM | 54.8 | 56.7 | -1.9 | 7.0 | - | 50.8 | 47.8 | 3.0 |
| 03:10 AM - 03:15 AM | 54.9 | 53.5 | 1.4 | 7.0 | - | 50.9 | 48.1 | 2.8 |
| 03:15 AM - 03:20 AM | 54.0 | 52.8 | 1.2 | 7.0 | - | 50.0 | 47.7 | 2.3 |
| 03:20 AM - 03:25 AM | 53.7 | 53.1 | 0.6 | 7.0 | - | 49.7 | 47.0 | 2.7 |
| 03:25 AM - 03:30 AM | 56.4 | 54.1 | 2.3 | 4.5 | - | 54.9 | 47.0 | 7.9 |
| 03:30 AM - 03:35 AM | 55.2 | 52.1 | 3.1 | 3.0 | - | 55.2 | 47.2 | 8.0 |
| 03:35 AM - 03:40 AM | 59.4 | 52.6 | 6.8 | 1.0 | - | 61.4 | 47.1 | 14.3 |
| 03:40 AM - 03:45 AM | 52.1 | 57.4 | -5.3 | 7.0 | - | 48.1 | 46.4 | 1.7 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673475-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-6
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) | (B) | (A-B) | (C) | (D) | | (E) | (D-E) |
|---------------------|---------------------|-----------------------|------------------|------------|----------------------------|-----------------|--------------|------------------|
| | เสียงจากแหล่งกำเนิด | เสียงขณะไม่มีการรบกวน | ผลต่างระดับเสียง | ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิด | | เสียงพื้นฐาน | ค่าระดับการรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:45 AM - 03:50 AM | 55.4 | 50.5 | 4.9 | 1.5 | - | 56.9 | 46.3 | 10.6 |
| 03:50 AM - 03:55 AM | 50.6 | 51.5 | -0.9 | 7.0 | - | 46.6 | 47.1 | -0.5 |
| 03:55 AM - 04:00 AM | 56.5 | 53.4 | 3.1 | 3.0 | - | 56.5 | 45.3 | 11.2 |
| 04:00 AM - 04:05 AM | 53.2 | 50.9 | 2.3 | 4.5 | - | 51.7 | 46.2 | 5.5 |
| 04:05 AM - 04:10 AM | 52.9 | 52.7 | 0.2 | 7.0 | - | 48.9 | 45.5 | 3.4 |
| 04:10 AM - 04:15 AM | 52.8 | 49.2 | 3.6 | 2.0 | - | 53.8 | 44.8 | 9.0 |
| 04:15 AM - 04:20 AM | 51.9 | 53.1 | -1.2 | 7.0 | - | 47.9 | 46.7 | 1.2 |
| 04:20 AM - 04:25 AM | 50.4 | 48.5 | 1.9 | 4.5 | - | 48.9 | 45.5 | 3.4 |
| 04:25 AM - 04:30 AM | 54.3 | 52.7 | 1.6 | 4.5 | - | 52.8 | 45.7 | 7.1 |
| 04:30 AM - 04:35 AM | 51.6 | 51.8 | -0.2 | 7.0 | - | 47.6 | 45.8 | 1.8 |
| 04:35 AM - 04:40 AM | 54.1 | 54.2 | -0.1 | 7.0 | - | 50.1 | 46.4 | 3.7 |
| 04:40 AM - 04:45 AM | 50.7 | 52.2 | -1.5 | 7.0 | - | 46.7 | 45.9 | 0.8 |
| 04:45 AM - 04:50 AM | 52.5 | 51.8 | 0.7 | 7.0 | - | 48.5 | 45.0 | 3.5 |
| 04:50 AM - 04:55 AM | 53.2 | 53.7 | -0.5 | 7.0 | - | 49.2 | 46.9 | 2.3 |
| 04:55 AM - 05:00 AM | 52.6 | 49.4 | 3.2 | 3.0 | - | 52.6 | 45.0 | 7.6 |
| 05:00 AM - 05:05 AM | 52.6 | 53.6 | -1.0 | 7.0 | - | 48.6 | 47.9 | 0.7 |
| 05:05 AM - 05:10 AM | 54.2 | 55.0 | -0.8 | 7.0 | - | 50.2 | 48.5 | 1.7 |
| 05:10 AM - 05:15 AM | 52.6 | 54.1 | -1.5 | 7.0 | - | 48.6 | 46.9 | 1.7 |
| 05:15 AM - 05:20 AM | 53.2 | 53.3 | -0.1 | 7.0 | - | 49.2 | 47.8 | 1.4 |
| 05:20 AM - 05:25 AM | 62.4 | 63.8 | -1.4 | 7.0 | - | 58.4 | 49.2 | 9.2 |
| 05:25 AM - 05:30 AM | 51.4 | 52.3 | -0.9 | 7.0 | - | 47.4 | 46.6 | 0.8 |
| 05:30 AM - 05:35 AM | 52.6 | 51.3 | 1.3 | 7.0 | - | 48.6 | 46.7 | 1.9 |
| 05:35 AM - 05:40 AM | 51.6 | 51.0 | 0.6 | 7.0 | - | 47.6 | 46.6 | 1.0 |
| 05:40 AM - 05:45 AM | 50.9 | 51.0 | -0.1 | 7.0 | - | 46.9 | 45.4 | 1.5 |
| 05:45 AM - 05:50 AM | 53.4 | 48.9 | 4.5 | 1.5 | - | 54.9 | 45.1 | 9.8 |
| 05:50 AM - 05:55 AM | 51.6 | 54.1 | -2.5 | 7.0 | - | 47.6 | 45.4 | 2.2 |
| 05:55 AM - 06:00 AM | 50.3 | 51.1 | -0.8 | 7.0 | - | 46.3 | 45.8 | 0.5 |
| 06:00 AM - 07:00 AM | 53.0 | 54.3 | -1.3 | 7.0 | 46.0 | - | 50.1 | -4.1 |
| 07:00 AM - 08:00 AM | 52.7 | 54.7 | -2.0 | 7.0 | 45.7 | - | 50.2 | -4.5 |
| 08:00 AM - 09:00 AM | 58.6 | 53.6 | 5.0 | 1.5 | 57.1 | - | 45.5 | 11.6 |
| 09:00 AM - 10:00 AM | 56.9 | 55.8 | 1.1 | 7.0 | 49.9 | - | 49.2 | 0.7 |
| 10:00 AM - 11:00 AM | 55.4 | 56.5 | -1.1 | 7.0 | 48.4 | - | 50.1 | -1.7 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-6 วันที่ตรวจวัด 28-29 พฤษภาคม 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673476-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-7
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด ^(A) | เสียงขณะ ไม่มีการรบกวน ^(B) | ผลต่าง ระดับเสียง ^(A-B) | ตัวปรับค่า ^(C) | ปรับค่าเสียงจากแหล่งกำเนิด ^(D) | | เสียงพื้นฐาน ^(E) | ค่าระดับ การรบกวน ^(D-E) |
|---------------------|--|--|---------------------------------------|---------------------------|---|----------------------------|-----------------------------|---------------------------------------|
| | | | | | กลางวัน ^(A-C) | กลางคืน ^{(A-C)+3} | | |
| 11:00 AM - 12:00 PM | 53.4 | 53.7 | -0.3 | 7.0 | 46.4 | - | 49.3 | -2.9 |
| 12:00 PM - 01:00 PM | 57.0 | 56.1 | 0.9 | 7.0 | 50.0 | - | 50.1 | -0.1 |
| 01:00 PM - 02:00 PM | 56.8 | 53.1 | 3.7 | 2.0 | 54.8 | - | 46.5 | 8.3 |
| 02:00 PM - 03:00 PM | 57.1 | 54.3 | 2.8 | 3.0 | 54.1 | - | 45.0 | 9.1 |
| 03:00 PM - 04:00 PM | 48.8 | 47.7 | 1.1 | 7.0 | 41.8 | - | 44.0 | -2.2 |
| 04:00 PM - 05:00 PM | 46.1 | 46.1 | 0.0 | 7.0 | 39.1 | - | 42.2 | -3.1 |
| 05:00 PM - 06:00 PM | 47.4 | 47.0 | 0.4 | 7.0 | 40.4 | - | 42.7 | -2.3 |
| 06:00 PM - 07:00 PM | 48.0 | 47.6 | 0.4 | 7.0 | 41.0 | - | 42.4 | -1.4 |
| 07:00 PM - 08:00 PM | 48.2 | 46.8 | 1.4 | 7.0 | 41.2 | - | 42.2 | -1.0 |
| 08:00 PM - 09:00 PM | 46.1 | 46.4 | -0.3 | 7.0 | 39.1 | - | 39.2 | -0.1 |
| 09:00 PM - 10:00 PM | 58.2 | 57.8 | 0.4 | 7.0 | 51.2 | - | 54.8 | -3.6 |
| 10:00 PM - 10:05 PM | 56.0 | 59.8 | -3.8 | 7.0 | - | 52.0 | 58.7 | -6.7 |
| 10:05 PM - 10:10 PM | 55.5 | 58.8 | -3.3 | 7.0 | - | 51.5 | 57.2 | -5.7 |
| 10:10 PM - 10:15 PM | 55.6 | 58.6 | -3.0 | 7.0 | - | 51.6 | 57.0 | -5.4 |
| 10:15 PM - 10:20 PM | 54.2 | 58.6 | -4.4 | 7.0 | - | 50.2 | 56.6 | -6.4 |
| 10:20 PM - 10:25 PM | 54.6 | 56.1 | -1.5 | 7.0 | - | 50.6 | 52.2 | -1.6 |
| 10:25 PM - 10:30 PM | 55.2 | 57.1 | -1.9 | 7.0 | - | 51.2 | 52.6 | -1.4 |
| 10:30 PM - 10:35 PM | 56.2 | 58.0 | -1.8 | 7.0 | - | 52.2 | 55.4 | -3.2 |
| 10:35 PM - 10:40 PM | 57.3 | 59.7 | -2.4 | 7.0 | - | 53.3 | 57.7 | -4.4 |
| 10:40 PM - 10:45 PM | 57.6 | 60.8 | -3.2 | 7.0 | - | 53.6 | 59.6 | -6.0 |
| 10:45 PM - 10:50 PM | 56.9 | 60.3 | -3.4 | 7.0 | - | 52.9 | 58.7 | -5.8 |
| 10:50 PM - 10:55 PM | 56.1 | 60.1 | -4.0 | 7.0 | - | 52.1 | 58.3 | -6.2 |
| 10:55 PM - 11:00 PM | 56.5 | 59.4 | -2.9 | 7.0 | - | 52.5 | 58.1 | -5.6 |
| 11:00 PM - 11:05 PM | 61.1 | 63.1 | -2.0 | 7.0 | - | 57.1 | 57.8 | -0.7 |
| 11:05 PM - 11:10 PM | 55.2 | 56.4 | -1.2 | 7.0 | - | 51.2 | 44.3 | 6.9 |
| 11:10 PM - 11:15 PM | 52.4 | 57.1 | -4.7 | 7.0 | - | 48.4 | 47.5 | 0.9 |
| 11:15 PM - 11:20 PM | 54.5 | 55.6 | -1.1 | 7.0 | - | 50.5 | 47.4 | 3.1 |
| 11:20 PM - 11:25 PM | 53.1 | 58.3 | -5.2 | 7.0 | - | 49.1 | 46.2 | 2.9 |
| 11:25 PM - 11:30 PM | 50.3 | 54.4 | -4.1 | 7.0 | - | 46.3 | 43.6 | 2.7 |
| 11:30 PM - 11:35 PM | 52.0 | 55.6 | -3.6 | 7.0 | - | 48.0 | 44.6 | 3.4 |
| 11:35 PM - 11:40 PM | 48.5 | 48.7 | -0.2 | 7.0 | - | 44.5 | 43.2 | 1.3 |
| 11:40 PM - 11:45 PM | 48.9 | 49.3 | -0.4 | 7.0 | - | 44.9 | 42.9 | 2.0 |
| 11:45 PM - 11:50 PM | 52.0 | 50.8 | 1.2 | 7.0 | - | 48.0 | 44.0 | 4.0 |
| 11:50 PM - 11:55 PM | 50.6 | 51.3 | -0.7 | 7.0 | - | 46.6 | 45.9 | 0.7 |
| 11:55 PM - 12:00 AM | 57.1 | 55.4 | 1.7 | 4.5 | - | 55.6 | 47.5 | 8.1 |
| 12:00 AM - 12:05 AM | 48.2 | 56.3 | -8.1 | 7.0 | - | 44.2 | 44.6 | -0.4 |
| 12:05 AM - 12:10 AM | 48.0 | 49.6 | -1.6 | 7.0 | - | 44.0 | 46.5 | -2.5 |
| 12:10 AM - 12:15 AM | 49.3 | 51.9 | -2.6 | 7.0 | - | 45.3 | 44.0 | 1.3 |
| 12:15 AM - 12:20 AM | 49.9 | 49.5 | 0.4 | 7.0 | - | 45.9 | 45.8 | 0.1 |
| 12:20 AM - 12:25 AM | 56.1 | 49.3 | 6.8 | 1.0 | - | 58.1 | 45.4 | 12.7 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673476-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-7
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) | | (B) | | (A-B) | | (C) | | (B) | | (E) | | (D-E) | |
|---------------------|---------------------|-----------------------|------------------|------------|---|-----------------|--------------|----------|---|-----------------|--------------|----------|---|-----------------|
| | เสียงจากแหล่งกำเนิด | เสียงขณะไม่มีการรบกวน | ผลต่างระดับเสียง | ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิดกลางวัน (A-C) | กลางคืน (A-C)+3 | เสียงพื้นฐาน | การรบกวน | ปรับค่าเสียงจากแหล่งกำเนิดกลางวัน (A-C) | กลางคืน (A-C)+3 | เสียงพื้นฐาน | การรบกวน | ปรับค่าเสียงจากแหล่งกำเนิดกลางวัน (A-C) | กลางคืน (A-C)+3 |
| 12:25 AM - 12:30 AM | 54.8 | 58.2 | -3.4 | 7.0 | - | 50.8 | 48.7 | 2.1 | - | 59.9 | 42.6 | 17.3 | - | 59.9 |
| 12:30 AM - 12:35 AM | 57.4 | 48.2 | 9.2 | 0.5 | - | 46.2 | 42.3 | 3.9 | - | 46.2 | 42.3 | 3.9 | - | 46.2 |
| 12:35 AM - 12:40 AM | 50.2 | 57.8 | -7.6 | 7.0 | - | 41.2 | 42.9 | -1.7 | - | 41.2 | 42.9 | -1.7 | - | 41.2 |
| 12:40 AM - 12:45 AM | 45.2 | 48.1 | -2.9 | 7.0 | - | 40.6 | 42.8 | -2.2 | - | 40.6 | 42.8 | -2.2 | - | 40.6 |
| 12:45 AM - 12:50 AM | 44.6 | 46.1 | -1.5 | 7.0 | - | 45.6 | 43.7 | 1.9 | - | 45.6 | 43.7 | 1.9 | - | 45.6 |
| 12:50 AM - 12:55 AM | 47.1 | 45.6 | 1.5 | 4.5 | - | 58.0 | 44.0 | 14.0 | - | 58.0 | 44.0 | 14.0 | - | 58.0 |
| 12:55 AM - 01:00 AM | 56.0 | 48.7 | 7.3 | 1.0 | - | 55.9 | 44.4 | 11.5 | - | 55.9 | 44.4 | 11.5 | - | 55.9 |
| 01:00 AM - 01:05 AM | 59.9 | 59.3 | 0.6 | 7.0 | - | 55.3 | 43.3 | 12.0 | - | 55.3 | 43.3 | 12.0 | - | 55.3 |
| 01:05 AM - 01:10 AM | 59.3 | 58.2 | 1.1 | 7.0 | - | 55.9 | 48.6 | 7.3 | - | 55.9 | 48.6 | 7.3 | - | 55.9 |
| 01:10 AM - 01:15 AM | 59.9 | 58.6 | 1.3 | 7.0 | - | 51.9 | 45.7 | 6.2 | - | 51.9 | 45.7 | 6.2 | - | 51.9 |
| 01:15 AM - 01:20 AM | 55.9 | 59.3 | -3.4 | 7.0 | - | 48.8 | 44.4 | 4.4 | - | 48.8 | 44.4 | 4.4 | - | 48.8 |
| 01:20 AM - 01:25 AM | 52.8 | 52.7 | 0.1 | 7.0 | - | 51.2 | 43.1 | 8.1 | - | 51.2 | 43.1 | 8.1 | - | 51.2 |
| 01:25 AM - 01:30 AM | 55.2 | 57.0 | -1.8 | 7.0 | - | 46.3 | 43.5 | 2.8 | - | 46.3 | 43.5 | 2.8 | - | 46.3 |
| 01:30 AM - 01:35 AM | 50.3 | 51.1 | -0.8 | 7.0 | - | 58.4 | 43.3 | 15.1 | - | 58.4 | 43.3 | 15.1 | - | 58.4 |
| 01:35 AM - 01:40 AM | 62.4 | 65.3 | -2.9 | 7.0 | - | 46.9 | 42.4 | 4.5 | - | 46.9 | 42.4 | 4.5 | - | 46.9 |
| 01:40 AM - 01:45 AM | 50.9 | 56.4 | -5.5 | 7.0 | - | 47.6 | 44.4 | 3.2 | - | 47.6 | 44.4 | 3.2 | - | 47.6 |
| 01:45 AM - 01:50 AM | 51.6 | 66.3 | -14.7 | 7.0 | - | 50.8 | 44.3 | 6.5 | - | 50.8 | 44.3 | 6.5 | - | 50.8 |
| 01:50 AM - 01:55 AM | 52.3 | 50.8 | 1.5 | 4.5 | - | 57.2 | 44.5 | 12.7 | - | 57.2 | 44.5 | 12.7 | - | 57.2 |
| 01:55 AM - 02:00 AM | 55.7 | 51.0 | 4.7 | 1.5 | - | 47.7 | 45.2 | 2.5 | - | 47.7 | 45.2 | 2.5 | - | 47.7 |
| 02:00 AM - 02:05 AM | 51.7 | 54.1 | -2.4 | 7.0 | - | 47.8 | 46.4 | 1.4 | - | 47.8 | 46.4 | 1.4 | - | 47.8 |
| 02:05 AM - 02:10 AM | 51.8 | 51.1 | 0.7 | 7.0 | - | 47.1 | 45.6 | 1.5 | - | 47.1 | 45.6 | 1.5 | - | 47.1 |
| 02:10 AM - 02:15 AM | 51.1 | 53.8 | -2.7 | 7.0 | - | 51.5 | 44.7 | 6.8 | - | 51.5 | 44.7 | 6.8 | - | 51.5 |
| 02:15 AM - 02:20 AM | 53.0 | 50.8 | 2.2 | 4.5 | - | 48.5 | 45.5 | 3.0 | - | 48.5 | 45.5 | 3.0 | - | 48.5 |
| 02:20 AM - 02:25 AM | 52.5 | 53.0 | -0.5 | 7.0 | - | 47.9 | 46.1 | 1.8 | - | 47.9 | 46.1 | 1.8 | - | 47.9 |
| 02:25 AM - 02:30 AM | 51.9 | 51.9 | 0.0 | 7.0 | - | 49.9 | 46.7 | 3.2 | - | 49.9 | 46.7 | 3.2 | - | 49.9 |
| 02:30 AM - 02:35 AM | 57.8 | 51.1 | 6.7 | 1.0 | - | 47.6 | 45.8 | 1.8 | - | 47.6 | 45.8 | 1.8 | - | 47.6 |
| 02:35 AM - 02:40 AM | 53.9 | 61.8 | -7.9 | 7.0 | - | 46.2 | 46.8 | -0.6 | - | 46.2 | 46.8 | -0.6 | - | 46.2 |
| 02:40 AM - 02:45 AM | 51.6 | 52.6 | -1.0 | 7.0 | - | 50.2 | 46.7 | 3.5 | - | 50.2 | 46.7 | 3.5 | - | 50.2 |
| 02:45 AM - 02:50 AM | 50.2 | 50.4 | -0.2 | 7.0 | - | 48.3 | 47.8 | 0.5 | - | 48.3 | 47.8 | 0.5 | - | 48.3 |
| 02:50 AM - 02:55 AM | 51.7 | 50.2 | 1.5 | 4.5 | - | 63.9 | 46.7 | 17.2 | - | 63.9 | 46.7 | 17.2 | - | 63.9 |
| 02:55 AM - 03:00 AM | 52.3 | 51.5 | 0.8 | 7.0 | - | 52.1 | 46.5 | 5.6 | - | 52.1 | 46.5 | 5.6 | - | 52.1 |
| 03:00 AM - 03:05 AM | 63.9 | 61.4 | 2.5 | 3.0 | - | 46.9 | 46.2 | 0.7 | - | 46.9 | 46.2 | 0.7 | - | 46.9 |
| 03:05 AM - 03:10 AM | 53.6 | 51.9 | 1.7 | 4.5 | - | 46.8 | 45.6 | 1.2 | - | 46.8 | 45.6 | 1.2 | - | 46.8 |
| 03:10 AM - 03:15 AM | 50.9 | 52.0 | -1.1 | 7.0 | - | 50.4 | 44.2 | 6.2 | - | 50.4 | 44.2 | 6.2 | - | 50.4 |
| 03:15 AM - 03:20 AM | 50.8 | 51.8 | -1.0 | 7.0 | - | 49.6 | 46.7 | 2.9 | - | 49.6 | 46.7 | 2.9 | - | 49.6 |
| 03:20 AM - 03:25 AM | 51.9 | 50.0 | 1.9 | 4.5 | - | 45.0 | 45.0 | 0.0 | - | 45.0 | 45.0 | 0.0 | - | 45.0 |
| 03:25 AM - 03:30 AM | 53.6 | 52.3 | 1.3 | 7.0 | - | 53.5 | 44.4 | 9.1 | - | 53.5 | 44.4 | 9.1 | - | 53.5 |
| 03:30 AM - 03:35 AM | 49.0 | 49.9 | -0.9 | 7.0 | - | 47.3 | 44.1 | 3.2 | - | 47.3 | 44.1 | 3.2 | - | 47.3 |
| 03:35 AM - 03:40 AM | 53.5 | 50.7 | 2.8 | 3.0 | - | | | | - | | | | - | |
| 03:40 AM - 03:45 AM | 51.3 | 52.3 | -1.0 | 7.0 | - | | | | - | | | | - | |

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

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673476-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-7
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0750064, 1445880)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734223

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 03:45 AM - 03:50 AM | 49.1 | 50.1 | -1.0 | 7.0 | - | 45.1 | 44.9 | 0.2 |
| 03:50 AM - 03:55 AM | 49.4 | 48.9 | 0.5 | 7.0 | - | 45.4 | 45.3 | 0.1 |
| 03:55 AM - 04:00 AM | 48.2 | 49.1 | -0.9 | 7.0 | - | 44.2 | 45.6 | -1.4 |
| 04:00 AM - 04:05 AM | 54.0 | 48.6 | 5.4 | 1.5 | - | 55.5 | 45.7 | 9.8 |
| 04:05 AM - 04:10 AM | 53.1 | 53.6 | -0.5 | 7.0 | - | 49.1 | 46.0 | 3.1 |
| 04:10 AM - 04:15 AM | 47.7 | 49.9 | -2.2 | 7.0 | - | 43.7 | 45.4 | -1.7 |
| 04:15 AM - 04:20 AM | 53.4 | 53.0 | 0.4 | 7.0 | - | 49.4 | 46.8 | 2.6 |
| 04:20 AM - 04:25 AM | 52.6 | 54.1 | -1.5 | 7.0 | - | 48.6 | 49.6 | -1.0 |
| 04:25 AM - 04:30 AM | 58.2 | 55.0 | 3.2 | 3.0 | - | 58.2 | 50.2 | 8.0 |
| 04:30 AM - 04:35 AM | 51.0 | 61.8 | -10.8 | 7.0 | - | 47.0 | 46.3 | 0.7 |
| 04:35 AM - 04:40 AM | 56.1 | 54.2 | 1.9 | 4.5 | - | 54.6 | 47.6 | 7.0 |
| 04:40 AM - 04:45 AM | 62.5 | 61.4 | 1.1 | 7.0 | - | 58.5 | 52.1 | 6.4 |
| 04:45 AM - 04:50 AM | 54.0 | 55.1 | -1.1 | 7.0 | - | 50.0 | 51.1 | -1.1 |
| 04:50 AM - 04:55 AM | 55.8 | 52.6 | 3.2 | 3.0 | - | 55.8 | 48.3 | 7.5 |
| 04:55 AM - 05:00 AM | 59.2 | 60.3 | -1.1 | 7.0 | - | 55.2 | 53.8 | 1.4 |
| 05:00 AM - 05:05 AM | 52.4 | 54.1 | -1.7 | 7.0 | - | 48.4 | 50.0 | -1.6 |
| 05:05 AM - 05:10 AM | 52.2 | 53.7 | -1.5 | 7.0 | - | 48.2 | 49.5 | -1.3 |
| 05:10 AM - 05:15 AM | 52.5 | 55.0 | -2.5 | 7.0 | - | 48.5 | 49.1 | -0.6 |
| 05:15 AM - 05:20 AM | 52.1 | 53.9 | -1.8 | 7.0 | - | 48.1 | 49.6 | -1.5 |
| 05:20 AM - 05:25 AM | 50.5 | 52.9 | -2.4 | 7.0 | - | 46.5 | 49.2 | -2.7 |
| 05:25 AM - 05:30 AM | 54.7 | 55.0 | -0.3 | 7.0 | - | 50.7 | 48.4 | 2.3 |
| 05:30 AM - 05:35 AM | 52.0 | 56.0 | -4.0 | 7.0 | - | 48.0 | 48.8 | -0.8 |
| 05:35 AM - 05:40 AM | 53.7 | 54.7 | -1.0 | 7.0 | - | 49.7 | 50.1 | -0.4 |
| 05:40 AM - 05:45 AM | 54.1 | 54.7 | -0.6 | 7.0 | - | 50.1 | 49.7 | 0.4 |
| 05:45 AM - 05:50 AM | 51.0 | 54.2 | -3.2 | 7.0 | - | 47.0 | 48.7 | -1.7 |
| 05:50 AM - 05:55 AM | 52.6 | 52.7 | -0.1 | 7.0 | - | 48.6 | 49.0 | -0.4 |
| 05:55 AM - 06:00 AM | 52.3 | 55.1 | -2.8 | 7.0 | - | 48.3 | 50.6 | -2.3 |
| 06:00 AM - 07:00 AM | 51.8 | 53.5 | -1.7 | 7.0 | 44.8 | - | 49.4 | -4.6 |
| 07:00 AM - 08:00 AM | 52.2 | 53.8 | -1.6 | 7.0 | 45.2 | - | 49.4 | -4.2 |
| 08:00 AM - 09:00 AM | 49.2 | 49.6 | -0.4 | 7.0 | 42.2 | - | 45.1 | -2.9 |
| 09:00 AM - 10:00 AM | 52.1 | 55.9 | -3.8 | 7.0 | 45.1 | - | 48.0 | -2.9 |
| 10:00 AM - 11:00 AM | 47.6 | 48.4 | -0.8 | 7.0 | 40.6 | - | 43.2 | -2.6 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-7 วันที่ตรวจวัด 29-30 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673477-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-8
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|----------------|--------------------------------|-----------------|------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 02:00 PM - 03:00 PM | 48.6 | 42.2 | 6.4 | 1.5 | 47.1 | - | 37.8 | 9.3 |
| 03:00 PM - 04:00 PM | 46.7 | 54.4 | -7.7 | 7.0 | 39.7 | - | 41.2 | -1.5 |
| 04:00 PM - 05:00 PM | 48.0 | 47.2 | 0.8 | 7.0 | 41.0 | - | 42.5 | -1.5 |
| 05:00 PM - 06:00 PM | 47.3 | 58.4 | -11.1 | 7.0 | 40.3 | - | 43.1 | -2.8 |
| 06:00 PM - 07:00 PM | 50.4 | 48.5 | 1.9 | 4.5 | 45.9 | - | 42.4 | 3.5 |
| 07:00 PM - 08:00 PM | 53.4 | 46.3 | 7.1 | 1.0 | 52.4 | - | 43.4 | 9.0 |
| 08:00 PM - 09:00 PM | 52.7 | 45.9 | 6.8 | 1.0 | 51.7 | - | 42.9 | 8.8 |
| 09:00 PM - 10:00 PM | 53.1 | 60.6 | -7.5 | 7.0 | 46.1 | - | 43.1 | 3.0 |
| 10:00 PM - 10:05 PM | 47.9 | 50.2 | -2.3 | 7.0 | - | 43.9 | 42.6 | 1.3 |
| 10:05 PM - 10:10 PM | 49.8 | 51.1 | -1.3 | 7.0 | - | 45.8 | 44.8 | 1.0 |
| 10:10 PM - 10:15 PM | 47.2 | 49.3 | -2.1 | 7.0 | - | 43.2 | 45.1 | -1.9 |
| 10:15 PM - 10:20 PM | 48.4 | 48.7 | -0.3 | 7.0 | - | 44.4 | 44.4 | 0.0 |
| 10:20 PM - 10:25 PM | 45.3 | 49.8 | -4.5 | 7.0 | - | 41.3 | 44.5 | -3.2 |
| 10:25 PM - 10:30 PM | 53.8 | 47.3 | 6.5 | 1.0 | - | 55.8 | 43.4 | 12.4 |
| 10:30 PM - 10:35 PM | 47.2 | 45.5 | 1.7 | 4.5 | - | 45.7 | 43.4 | 2.3 |
| 10:35 PM - 10:40 PM | 50.0 | 49.7 | 0.3 | 7.0 | - | 46.0 | 43.7 | 2.3 |
| 10:40 PM - 10:45 PM | 46.8 | 46.4 | 0.4 | 7.0 | - | 42.8 | 40.9 | 1.9 |
| 10:45 PM - 10:50 PM | 46.6 | 48.6 | -2.0 | 7.0 | - | 42.6 | 40.0 | 2.6 |
| 10:50 PM - 10:55 PM | 48.5 | 43.5 | 5.0 | 1.5 | - | 50.0 | 39.7 | 10.3 |
| 10:55 PM - 11:00 PM | 46.9 | 41.4 | 5.5 | 1.5 | - | 48.4 | 39.8 | 8.6 |
| 11:00 PM - 11:05 PM | 46.4 | 44.6 | 1.8 | 4.5 | - | 44.9 | 41.0 | 3.9 |
| 11:05 PM - 11:10 PM | 46.1 | 42.9 | 3.2 | 3.0 | - | 46.1 | 40.7 | 5.4 |
| 11:10 PM - 11:15 PM | 45.8 | 50.8 | -5.0 | 7.0 | - | 41.8 | 40.3 | 1.5 |
| 11:15 PM - 11:20 PM | 51.0 | 42.3 | 8.7 | 0.5 | - | 53.5 | 40.1 | 13.4 |
| 11:20 PM - 11:25 PM | 46.3 | 44.3 | 2.0 | 4.5 | - | 44.8 | 40.3 | 4.5 |
| 11:25 PM - 11:30 PM | 46.4 | 47.0 | -0.6 | 7.0 | - | 42.4 | 40.2 | 2.2 |
| 11:30 PM - 11:35 PM | 46.9 | 49.2 | -2.3 | 7.0 | - | 42.9 | 41.8 | 1.1 |
| 11:35 PM - 11:40 PM | 46.6 | 46.8 | -0.2 | 7.0 | - | 42.6 | 41.6 | 1.0 |
| 11:40 PM - 11:45 PM | 49.1 | 45.5 | 3.6 | 2.0 | - | 50.1 | 41.2 | 8.9 |
| 11:45 PM - 11:50 PM | 53.6 | 47.4 | 6.2 | 1.5 | - | 55.1 | 41.6 | 13.5 |
| 11:50 PM - 11:55 PM | 49.5 | 47.1 | 2.4 | 4.5 | - | 48.0 | 41.8 | 6.2 |
| 11:55 PM - 12:00 AM | 46.9 | 47.4 | -0.5 | 7.0 | - | 42.9 | 43.2 | -0.3 |
| 12:00 AM - 12:05 AM | 46.5 | 49.9 | -3.4 | 7.0 | - | 42.5 | 44.0 | -1.5 |
| 12:05 AM - 12:10 AM | 45.9 | 49.2 | -3.3 | 7.0 | - | 41.9 | 43.6 | -1.7 |
| 12:10 AM - 12:15 AM | 46.5 | 50.5 | -4.0 | 7.0 | - | 42.5 | 41.6 | 0.9 |
| 12:15 AM - 12:20 AM | 46.6 | 50.3 | -3.7 | 7.0 | - | 42.6 | 43.4 | -0.8 |
| 12:20 AM - 12:25 AM | 46.2 | 49.7 | -3.5 | 7.0 | - | 42.2 | 43.2 | -1.0 |
| 12:25 AM - 12:30 AM | 47.9 | 49.1 | -1.2 | 7.0 | - | 43.9 | 41.7 | 2.2 |
| 12:30 AM - 12:35 AM | 48.2 | 50.3 | -2.1 | 7.0 | - | 44.2 | 41.5 | 2.7 |
| 12:35 AM - 12:40 AM | 47.9 | 53.4 | -5.5 | 7.0 | - | 43.9 | 42.4 | 1.5 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673477-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-8
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| ระดับเสียง (dB(A)) | | | | | | | | |
|---------------------|--------------------------------|----------------------------------|-------------------------------|-------------------|-----------------------------------|--------------------|---------------------|-------------------------------|
| เวลา | (A) เสียงจาก แหล่งกำเนิด | (B) เสียงขณะ ไม่มีการรบกวน | (A-B) ผลต่าง ระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับ การรบกวน |
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:40 AM - 12:45 AM | 47.7 | 53.0 | -5.3 | 7.0 | - | 43.7 | 43.7 | 0.0 |
| 12:45 AM - 12:50 AM | 46.8 | 51.0 | -4.2 | 7.0 | - | 42.8 | 42.6 | 0.2 |
| 12:50 AM - 12:55 AM | 46.8 | 51.0 | -4.2 | 7.0 | - | 42.8 | 42.0 | 0.8 |
| 12:55 AM - 01:00 AM | 47.2 | 51.2 | -4.0 | 7.0 | - | 43.2 | 41.7 | 1.5 |
| 01:00 AM - 01:05 AM | 47.1 | 57.0 | -9.9 | 7.0 | - | 43.1 | 45.7 | -2.6 |
| 01:05 AM - 01:10 AM | 48.2 | 56.4 | -8.2 | 7.0 | - | 44.2 | 44.8 | -0.6 |
| 01:10 AM - 01:15 AM | 45.6 | 58.0 | -12.4 | 7.0 | - | 41.6 | 55.0 | -13.4 |
| 01:15 AM - 01:20 AM | 46.0 | 57.9 | -11.9 | 7.0 | - | 42.0 | 53.6 | -11.6 |
| 01:20 AM - 01:25 AM | 45.2 | 57.8 | -12.6 | 7.0 | - | 41.2 | 53.8 | -12.6 |
| 01:25 AM - 01:30 AM | 45.9 | 58.1 | -12.2 | 7.0 | - | 41.9 | 51.2 | -9.3 |
| 01:30 AM - 01:35 AM | 45.3 | 59.7 | -14.4 | 7.0 | - | 41.3 | 54.6 | -13.3 |
| 01:35 AM - 01:40 AM | 45.5 | 58.6 | -13.1 | 7.0 | - | 41.5 | 55.7 | -14.2 |
| 01:40 AM - 01:45 AM | 47.3 | 59.2 | -11.9 | 7.0 | - | 43.3 | 56.6 | -13.3 |
| 01:45 AM - 01:50 AM | 47.6 | 59.0 | -11.4 | 7.0 | - | 43.6 | 55.6 | -12.0 |
| 01:50 AM - 01:55 AM | 45.7 | 59.4 | -13.7 | 7.0 | - | 41.7 | 54.5 | -12.8 |
| 01:55 AM - 02:00 AM | 48.2 | 52.6 | -4.4 | 7.0 | - | 44.2 | 43.5 | 0.7 |
| 02:00 AM - 02:05 AM | 47.3 | 57.8 | -10.5 | 7.0 | - | 43.3 | 44.2 | -0.9 |
| 02:05 AM - 02:10 AM | 46.1 | 58.6 | -12.5 | 7.0 | - | 42.1 | 43.3 | -1.2 |
| 02:10 AM - 02:15 AM | 44.8 | 60.5 | -15.7 | 7.0 | - | 40.8 | 57.2 | -16.4 |
| 02:15 AM - 02:20 AM | 46.0 | 61.5 | -15.5 | 7.0 | - | 42.0 | 58.4 | -16.4 |
| 02:20 AM - 02:25 AM | 46.9 | 62.1 | -15.2 | 7.0 | - | 42.9 | 59.0 | -16.1 |
| 02:25 AM - 02:30 AM | 48.5 | 61.6 | -13.1 | 7.0 | - | 44.5 | 58.8 | -14.3 |
| 02:30 AM - 02:35 AM | 45.7 | 61.9 | -16.2 | 7.0 | - | 41.7 | 59.5 | -17.8 |
| 02:35 AM - 02:40 AM | 45.2 | 61.1 | -15.9 | 7.0 | - | 41.2 | 57.2 | -16.0 |
| 02:40 AM - 02:45 AM | 54.9 | 58.1 | -3.2 | 7.0 | - | 50.9 | 41.8 | 9.1 |
| 02:45 AM - 02:50 AM | 49.3 | 61.5 | -12.2 | 7.0 | - | 45.3 | 59.2 | -13.9 |
| 02:50 AM - 02:55 AM | 46.3 | 61.6 | -15.3 | 7.0 | - | 42.3 | 59.5 | -17.2 |
| 02:55 AM - 03:00 AM | 45.7 | 61.3 | -15.6 | 7.0 | - | 41.7 | 59.2 | -17.5 |
| 03:00 AM - 03:05 AM | 44.8 | 60.5 | -15.7 | 7.0 | - | 40.8 | 58.4 | -17.6 |
| 03:05 AM - 03:10 AM | 45.5 | 61.0 | -15.5 | 7.0 | - | 41.5 | 58.9 | -17.4 |
| 03:10 AM - 03:15 AM | 46.9 | 61.0 | -14.1 | 7.0 | - | 42.9 | 58.6 | -15.7 |
| 03:15 AM - 03:20 AM | 46.2 | 62.6 | -16.4 | 7.0 | - | 42.2 | 59.4 | -17.2 |
| 03:20 AM - 03:25 AM | 45.6 | 61.8 | -16.2 | 7.0 | - | 41.6 | 59.1 | -17.5 |
| 03:25 AM - 03:30 AM | 45.5 | 61.3 | -15.8 | 7.0 | - | 41.5 | 58.5 | -17.0 |
| 03:30 AM - 03:35 AM | 46.8 | 60.4 | -13.6 | 7.0 | - | 42.8 | 58.3 | -15.5 |
| 03:35 AM - 03:40 AM | 44.8 | 61.5 | -16.7 | 7.0 | - | 40.8 | 58.5 | -17.7 |
| 03:40 AM - 03:45 AM | 47.8 | 61.1 | -13.3 | 7.0 | - | 43.8 | 57.9 | -14.1 |
| 03:45 AM - 03:50 AM | 51.3 | 60.6 | -9.3 | 7.0 | - | 47.3 | 58.3 | -11.0 |
| 03:50 AM - 03:55 AM | 45.8 | 60.5 | -14.7 | 7.0 | - | 41.8 | 58.0 | -16.2 |
| 03:55 AM - 04:00 AM | 46.4 | 60.1 | -13.7 | 7.0 | - | 42.4 | 57.9 | -15.5 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673477-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-8
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 04:00 AM - 04:05 AM | 44.2 | 60.2 | -16.0 | 7.0 | - | 40.2 | 57.6 | -17.4 |
| 04:05 AM - 04:10 AM | 43.2 | 60.1 | -16.9 | 7.0 | - | 39.2 | 57.0 | -17.8 |
| 04:10 AM - 04:15 AM | 44.3 | 58.1 | -13.8 | 7.0 | - | 40.3 | 43.0 | -2.7 |
| 04:15 AM - 04:20 AM | 43.7 | 60.4 | -16.7 | 7.0 | - | 39.7 | 57.4 | -17.7 |
| 04:20 AM - 04:25 AM | 47.3 | 59.3 | -12.0 | 7.0 | - | 43.3 | 44.0 | -0.7 |
| 04:25 AM - 04:30 AM | 44.4 | 56.9 | -12.5 | 7.0 | - | 40.4 | 41.4 | -1.0 |
| 04:30 AM - 04:35 AM | 47.2 | 59.5 | -12.3 | 7.0 | - | 43.2 | 55.4 | -12.2 |
| 04:35 AM - 04:40 AM | 43.8 | 60.2 | -16.4 | 7.0 | - | 39.8 | 57.3 | -17.5 |
| 04:40 AM - 04:45 AM | 42.9 | 60.2 | -17.3 | 7.0 | - | 38.9 | 57.2 | -18.3 |
| 04:45 AM - 04:50 AM | 42.8 | 60.3 | -17.5 | 7.0 | - | 38.8 | 57.4 | -18.6 |
| 04:50 AM - 04:55 AM | 46.3 | 60.3 | -14.0 | 7.0 | - | 42.3 | 58.1 | -15.8 |
| 04:55 AM - 05:00 AM | 43.2 | 59.8 | -16.6 | 7.0 | - | 39.2 | 57.2 | -18.0 |
| 05:00 AM - 05:05 AM | 42.3 | 57.3 | -15.0 | 7.0 | - | 38.3 | 45.3 | -7.0 |
| 05:05 AM - 05:10 AM | 44.2 | 56.5 | -12.3 | 7.0 | - | 40.2 | 45.3 | -5.1 |
| 05:10 AM - 05:15 AM | 43.0 | 58.8 | -15.8 | 7.0 | - | 39.0 | 55.3 | -16.3 |
| 05:15 AM - 05:20 AM | 47.0 | 53.9 | -6.9 | 7.0 | - | 43.0 | 44.1 | -1.1 |
| 05:20 AM - 05:25 AM | 44.5 | 50.6 | -6.1 | 7.0 | - | 40.5 | 46.1 | -5.6 |
| 05:25 AM - 05:30 AM | 42.0 | 49.1 | -7.1 | 7.0 | - | 38.0 | 45.3 | -7.3 |
| 05:30 AM - 05:35 AM | 42.9 | 52.0 | -9.1 | 7.0 | - | 38.9 | 47.7 | -8.8 |
| 05:35 AM - 05:40 AM | 48.5 | 54.6 | -6.1 | 7.0 | - | 44.5 | 46.5 | -2.0 |
| 05:40 AM - 05:45 AM | 41.9 | 49.1 | -7.2 | 7.0 | - | 37.9 | 46.0 | -8.1 |
| 05:45 AM - 05:50 AM | 44.3 | 47.8 | -3.5 | 7.0 | - | 40.3 | 45.4 | -5.1 |
| 05:50 AM - 05:55 AM | 49.3 | 48.5 | 0.8 | 7.0 | - | 45.3 | 46.0 | -0.7 |
| 05:55 AM - 06:00 AM | 42.5 | 48.4 | -5.9 | 7.0 | - | 38.5 | 46.0 | -7.5 |
| 06:00 AM - 07:00 AM | 55.5 | 50.7 | 4.8 | 1.5 | 54.0 | - | 47.7 | 6.3 |
| 07:00 AM - 08:00 AM | 52.9 | 51.6 | 1.3 | 7.0 | 45.9 | - | 47.2 | -1.3 |
| 08:00 AM - 09:00 AM | 50.2 | 49.0 | 1.2 | 7.0 | 43.2 | - | 46.8 | -3.6 |
| 09:00 AM - 10:00 AM | 47.8 | 51.3 | -3.5 | 7.0 | 40.8 | - | 44.6 | -3.8 |
| 10:00 AM - 11:00 AM | 48.6 | 57.2 | -8.6 | 7.0 | 41.6 | - | 48.6 | -7.0 |
| 11:00 AM - 12:00 PM | 58.8 | 57.0 | 1.8 | 4.5 | 54.3 | - | 53.2 | 1.1 |
| 12:00 PM - 01:00 PM | 54.8 | 53.2 | 1.6 | 4.5 | 50.3 | - | 49.0 | 1.3 |
| 01:00 PM - 02:00 PM | 53.2 | 51.3 | 1.9 | 4.5 | 48.7 | - | 45.1 | 3.6 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-8 วันที่ตรวจวัด 23-24 พฤษภาคม 2566)

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673478-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-9
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (B) | | เสียงพื้นฐาน (E) | ค่าระดับ (D-E) การรบกวน |
|---------------------|-----------------------------|-------------------------------|----------------------------|----------------|--------------------------------|-----------------|------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 02:00 PM - 03:00 PM | 54.3 | 58.6 | -4.3 | 7.0 | 47.3 | - | 43.4 | 3.9 |
| 03:00 PM - 04:00 PM | 53.1 | 52.3 | 0.8 | 7.0 | 46.1 | - | 45.5 | 0.6 |
| 04:00 PM - 05:00 PM | 52.7 | 55.0 | -2.3 | 7.0 | 45.7 | - | 44.1 | 1.6 |
| 05:00 PM - 06:00 PM | 53.6 | 51.1 | 2.5 | 3.0 | 50.6 | - | 43.6 | 7.0 |
| 06:00 PM - 07:00 PM | 57.9 | 51.9 | 6.0 | 1.5 | 56.4 | - | 46.7 | 9.7 |
| 07:00 PM - 08:00 PM | 56.3 | 57.1 | -0.8 | 7.0 | 49.3 | - | 50.4 | -1.1 |
| 08:00 PM - 09:00 PM | 55.3 | 50.8 | 4.5 | 1.5 | 53.8 | - | 45.7 | 8.1 |
| 09:00 PM - 10:00 PM | 61.1 | 57.2 | 3.9 | 2.0 | 59.1 | - | 45.5 | 13.6 |
| 10:00 PM - 10:05 PM | 64.7 | 62.2 | 2.5 | 3.0 | - | 64.7 | 48.2 | 16.5 |
| 10:05 PM - 10:10 PM | 65.9 | 58.6 | 7.3 | 1.0 | - | 67.9 | 46.5 | 21.4 |
| 10:10 PM - 10:15 PM | 61.3 | 62.5 | -1.2 | 7.0 | - | 57.3 | 45.5 | 11.8 |
| 10:15 PM - 10:20 PM | 66.0 | 58.7 | 7.3 | 1.0 | - | 68.0 | 46.3 | 21.7 |
| 10:20 PM - 10:25 PM | 65.0 | 61.8 | 3.2 | 3.0 | - | 65.0 | 45.3 | 19.7 |
| 10:25 PM - 10:30 PM | 65.3 | 61.5 | 3.8 | 2.0 | - | 66.3 | 47.3 | 19.0 |
| 10:30 PM - 10:35 PM | 62.1 | 63.0 | -0.9 | 7.0 | - | 58.1 | 55.7 | 2.4 |
| 10:35 PM - 10:40 PM | 58.6 | 56.4 | 2.2 | 4.5 | - | 57.1 | 47.1 | 10.0 |
| 10:40 PM - 10:45 PM | 63.3 | 64.8 | -1.5 | 7.0 | - | 59.3 | 63.0 | -3.7 |
| 10:45 PM - 10:50 PM | 65.8 | 62.4 | 3.4 | 3.0 | - | 65.8 | 44.3 | 21.5 |
| 10:50 PM - 10:55 PM | 60.3 | 61.0 | -0.7 | 7.0 | - | 56.3 | 45.3 | 11.0 |
| 10:55 PM - 11:00 PM | 63.6 | 59.7 | 3.9 | 2.0 | - | 64.6 | 46.5 | 18.1 |
| 11:00 PM - 11:05 PM | 66.3 | 59.6 | 6.7 | 1.0 | - | 68.3 | 45.1 | 23.2 |
| 11:05 PM - 11:10 PM | 60.8 | 60.5 | 0.3 | 7.0 | - | 56.8 | 46.0 | 10.8 |
| 11:10 PM - 11:15 PM | 65.9 | 64.3 | 1.6 | 4.5 | - | 64.4 | 62.7 | 1.7 |
| 11:15 PM - 11:20 PM | 62.2 | 56.7 | 5.5 | 1.5 | - | 63.7 | 46.9 | 16.8 |
| 11:20 PM - 11:25 PM | 65.7 | 61.4 | 4.3 | 2.0 | - | 66.7 | 47.2 | 19.5 |
| 11:25 PM - 11:30 PM | 65.2 | 63.6 | 1.6 | 4.5 | - | 63.7 | 59.7 | 4.0 |
| 11:30 PM - 11:35 PM | 67.6 | 58.2 | 9.4 | 0.5 | - | 70.1 | 46.0 | 24.1 |
| 11:35 PM - 11:40 PM | 60.4 | 62.6 | -2.2 | 7.0 | - | 56.4 | 49.5 | 6.9 |
| 11:40 PM - 11:45 PM | 66.0 | 60.8 | 5.2 | 1.5 | - | 67.5 | 48.0 | 19.5 |
| 11:45 PM - 11:50 PM | 63.5 | 62.2 | 1.3 | 7.0 | - | 59.5 | 46.9 | 12.6 |
| 11:50 PM - 11:55 PM | 66.0 | 64.6 | 1.4 | 7.0 | - | 62.0 | 55.5 | 6.5 |
| 11:55 PM - 12:00 AM | 59.1 | 65.6 | -6.5 | 7.0 | - | 55.1 | 63.8 | -8.7 |
| 12:00 AM - 12:05 AM | 64.3 | 54.0 | 10.3 | 0.5 | - | 66.8 | 44.0 | 22.8 |
| 12:05 AM - 12:10 AM | 68.5 | 63.0 | 5.5 | 1.5 | - | 70.0 | 45.2 | 24.8 |
| 12:10 AM - 12:15 AM | 66.7 | 60.3 | 6.4 | 1.5 | - | 68.2 | 45.3 | 22.9 |
| 12:15 AM - 12:20 AM | 61.8 | 63.5 | -1.7 | 7.0 | - | 57.8 | 52.7 | 5.1 |
| 12:20 AM - 12:25 AM | 64.6 | 51.0 | 13.6 | 0.0 | - | 67.6 | 43.5 | 24.1 |
| 12:25 AM - 12:30 AM | 64.1 | 62.8 | 1.3 | 7.0 | - | 60.1 | 46.1 | 14.0 |
| 12:30 AM - 12:35 AM | 64.8 | 66.0 | -1.2 | 7.0 | - | 60.8 | 64.2 | -3.4 |
| 12:35 AM - 12:40 AM | 66.9 | 63.7 | 3.2 | 3.0 | - | 66.9 | 43.8 | 23.1 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673478-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-9
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

| ระดับเสียง (dB(A)) | | | | | | | | |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:40 AM - 12:45 AM | 57.5 | 57.6 | -0.1 | 7.0 | - | 53.5 | 43.9 | 9.6 |
| 12:45 AM - 12:50 AM | 68.4 | 61.8 | 6.6 | 1.0 | - | 70.4 | 42.3 | 28.1 |
| 12:50 AM - 12:55 AM | 68.4 | 62.6 | 5.8 | 1.5 | - | 69.9 | 42.7 | 27.2 |
| 12:55 AM - 01:00 AM | 64.4 | 62.4 | 2.0 | 4.5 | - | 62.9 | 44.0 | 18.9 |
| 01:00 AM - 01:05 AM | 64.2 | 64.1 | 0.1 | 7.0 | - | 60.2 | 44.6 | 15.6 |
| 01:05 AM - 01:10 AM | 65.1 | 59.8 | 5.3 | 1.5 | - | 66.6 | 44.1 | 22.5 |
| 01:10 AM - 01:15 AM | 66.0 | 65.8 | 0.2 | 7.0 | - | 62.0 | 63.3 | -1.3 |
| 01:15 AM - 01:20 AM | 57.2 | 64.3 | -7.1 | 7.0 | - | 53.2 | 53.3 | -0.1 |
| 01:20 AM - 01:25 AM | 66.8 | 59.7 | 7.1 | 1.0 | - | 68.8 | 45.0 | 23.8 |
| 01:25 AM - 01:30 AM | 64.4 | 59.3 | 5.1 | 1.5 | - | 65.9 | 44.7 | 21.2 |
| 01:30 AM - 01:35 AM | 67.9 | 62.5 | 5.4 | 1.5 | - | 69.4 | 51.1 | 18.3 |
| 01:35 AM - 01:40 AM | 69.6 | 63.0 | 6.6 | 1.0 | - | 71.6 | 53.6 | 18.0 |
| 01:40 AM - 01:45 AM | 69.8 | 54.8 | 15.0 | 0.0 | - | 72.8 | 42.7 | 30.1 |
| 01:45 AM - 01:50 AM | 65.3 | 64.5 | 0.8 | 7.0 | - | 61.3 | 46.9 | 14.4 |
| 01:50 AM - 01:55 AM | 66.0 | 58.8 | 7.2 | 1.0 | - | 68.0 | 43.5 | 24.5 |
| 01:55 AM - 02:00 AM | 69.4 | 63.1 | 6.3 | 1.5 | - | 70.9 | 51.7 | 19.2 |
| 02:00 AM - 02:05 AM | 65.3 | 66.5 | -1.2 | 7.0 | - | 61.3 | 56.4 | 4.9 |
| 02:05 AM - 02:10 AM | 61.5 | 66.1 | -4.6 | 7.0 | - | 57.5 | 60.2 | -2.7 |
| 02:10 AM - 02:15 AM | 69.3 | 65.5 | 3.8 | 2.0 | - | 70.3 | 50.9 | 19.4 |
| 02:15 AM - 02:20 AM | 64.8 | 63.5 | 1.3 | 7.0 | - | 60.8 | 51.7 | 9.1 |
| 02:20 AM - 02:25 AM | 62.6 | 66.8 | -4.2 | 7.0 | - | 58.6 | 60.3 | -1.7 |
| 02:25 AM - 02:30 AM | 59.7 | 64.7 | -5.0 | 7.0 | - | 55.7 | 44.0 | 11.7 |
| 02:30 AM - 02:35 AM | 64.7 | 59.5 | 5.2 | 1.5 | - | 66.2 | 43.8 | 22.4 |
| 02:35 AM - 02:40 AM | 66.6 | 67.1 | -0.5 | 7.0 | - | 62.6 | 63.5 | -0.9 |
| 02:40 AM - 02:45 AM | 66.8 | 67.4 | -0.6 | 7.0 | - | 62.8 | 63.9 | -1.1 |
| 02:45 AM - 02:50 AM | 68.0 | 63.9 | 4.1 | 2.0 | - | 69.0 | 45.8 | 23.2 |
| 02:50 AM - 02:55 AM | 68.1 | 61.2 | 6.9 | 1.0 | - | 70.1 | 46.6 | 23.5 |
| 02:55 AM - 03:00 AM | 59.8 | 68.2 | -8.4 | 7.0 | - | 55.8 | 62.6 | -6.8 |
| 03:00 AM - 03:05 AM | 66.4 | 69.0 | -2.6 | 7.0 | - | 62.4 | 67.1 | -4.7 |
| 03:05 AM - 03:10 AM | 66.6 | 68.6 | -2.0 | 7.0 | - | 62.6 | 66.0 | -3.4 |
| 03:10 AM - 03:15 AM | 64.7 | 68.6 | -3.9 | 7.0 | - | 60.7 | 65.6 | -4.9 |
| 03:15 AM - 03:20 AM | 62.8 | 67.4 | -4.6 | 7.0 | - | 58.8 | 52.0 | 6.8 |
| 03:20 AM - 03:25 AM | 65.4 | 61.5 | 3.9 | 2.0 | - | 66.4 | 43.3 | 23.1 |
| 03:25 AM - 03:30 AM | 63.9 | 68.2 | -4.3 | 7.0 | - | 59.9 | 57.7 | 2.2 |
| 03:30 AM - 03:35 AM | 66.5 | 66.8 | -0.3 | 7.0 | - | 62.5 | 49.5 | 13.0 |
| 03:35 AM - 03:40 AM | 64.5 | 64.4 | 0.1 | 7.0 | - | 60.5 | 48.2 | 12.3 |
| 03:40 AM - 03:45 AM | 65.2 | 64.2 | 1.0 | 7.0 | - | 61.2 | 44.5 | 16.7 |
| 03:45 AM - 03:50 AM | 65.2 | 64.6 | 0.6 | 7.0 | - | 61.2 | 46.2 | 15.0 |
| 03:50 AM - 03:55 AM | 63.7 | 66.4 | -2.7 | 7.0 | - | 59.7 | 47.3 | 12.4 |
| 03:55 AM - 04:00 AM | 65.7 | 67.6 | -1.9 | 7.0 | - | 61.7 | 60.0 | 1.7 |

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Approved by

Wilaw B.

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673478-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-9
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

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 | | |
| 04:00 AM - 04:05 AM | 61.9 | 67.1 | -5.2 | 7.0 | - | 57.9 | 46.6 | 11.3 |
| 04:05 AM - 04:10 AM | 64.3 | 67.9 | -3.6 | 7.0 | - | 60.3 | 46.2 | 14.1 |
| 04:10 AM - 04:15 AM | 65.3 | 67.5 | -2.2 | 7.0 | - | 61.3 | 61.3 | 0.0 |
| 04:15 AM - 04:20 AM | 68.6 | 66.6 | 2.0 | 4.5 | - | 67.1 | 46.5 | 20.6 |
| 04:20 AM - 04:25 AM | 63.3 | 67.8 | -4.5 | 7.0 | - | 59.3 | 62.4 | -3.1 |
| 04:25 AM - 04:30 AM | 58.7 | 64.5 | -5.8 | 7.0 | - | 54.7 | 42.2 | 12.5 |
| 04:30 AM - 04:35 AM | 61.7 | 67.1 | -5.4 | 7.0 | - | 57.7 | 63.6 | -5.9 |
| 04:35 AM - 04:40 AM | 58.7 | 66.8 | -8.1 | 7.0 | - | 54.7 | 58.9 | -4.2 |
| 04:40 AM - 04:45 AM | 52.9 | 64.8 | -11.9 | 7.0 | - | 48.9 | 43.9 | 5.0 |
| 04:45 AM - 04:50 AM | 53.7 | 60.0 | -6.3 | 7.0 | - | 49.7 | 41.3 | 8.4 |
| 04:50 AM - 04:55 AM | 47.0 | 57.8 | -10.8 | 7.0 | - | 43.0 | 41.4 | 1.6 |
| 04:55 AM - 05:00 AM | 52.6 | 57.4 | -4.8 | 7.0 | - | 48.6 | 42.7 | 5.9 |
| 05:00 AM - 05:05 AM | 51.7 | 54.4 | -2.7 | 7.0 | - | 47.7 | 43.4 | 4.3 |
| 05:05 AM - 05:10 AM | 51.3 | 49.4 | 1.9 | 4.5 | - | 49.8 | 43.2 | 6.6 |
| 05:10 AM - 05:15 AM | 51.3 | 48.8 | 2.5 | 3.0 | - | 51.3 | 42.6 | 8.7 |
| 05:15 AM - 05:20 AM | 49.8 | 44.6 | 5.2 | 1.5 | - | 51.3 | 42.6 | 8.7 |
| 05:20 AM - 05:25 AM | 48.5 | 47.4 | 1.1 | 7.0 | - | 44.5 | 43.3 | 1.2 |
| 05:25 AM - 05:30 AM | 51.5 | 50.9 | 0.6 | 7.0 | - | 47.5 | 45.4 | 2.1 |
| 05:30 AM - 05:35 AM | 51.0 | 53.1 | -2.1 | 7.0 | - | 47.0 | 47.2 | -0.2 |
| 05:35 AM - 05:40 AM | 49.8 | 52.3 | -2.5 | 7.0 | - | 45.8 | 46.0 | -0.2 |
| 05:40 AM - 05:45 AM | 51.4 | 49.3 | 2.1 | 4.5 | - | 49.9 | 44.9 | 5.0 |
| 05:45 AM - 05:50 AM | 53.8 | 46.8 | 7.0 | 1.0 | - | 55.8 | 44.5 | 11.3 |
| 05:50 AM - 05:55 AM | 51.3 | 49.6 | 1.7 | 4.5 | - | 49.8 | 45.2 | 4.6 |
| 05:55 AM - 06:00 AM | 50.9 | 49.6 | 1.3 | 7.0 | - | 46.9 | 46.9 | 0.0 |
| 06:00 AM - 07:00 AM | 53.5 | 49.5 | 4.0 | 2.0 | 51.5 | - | 46.4 | 5.1 |
| 07:00 AM - 08:00 AM | 53.2 | 51.7 | 1.5 | 4.5 | 48.7 | - | 46.8 | 1.9 |
| 08:00 AM - 09:00 AM | 60.3 | 50.4 | 9.9 | 0.5 | 59.8 | - | 46.6 | 13.2 |
| 09:00 AM - 10:00 AM | 48.9 | 55.0 | -6.1 | 7.0 | 41.9 | - | 43.0 | -1.1 |
| 10:00 AM - 11:00 AM | 47.4 | 46.0 | 1.4 | 7.0 | 40.4 | - | 43.2 | -2.8 |
| 11:00 AM - 12:00 PM | 47.5 | 46.6 | 0.9 | 7.0 | 40.5 | - | 43.4 | -2.9 |
| 12:00 PM - 01:00 PM | 48.8 | 44.6 | 4.2 | 2.0 | 46.8 | - | 41.4 | 5.4 |
| 01:00 PM - 02:00 PM | 53.0 | 46.8 | 6.2 | 1.5 | 51.5 | - | 42.3 | 9.2 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 24-25 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-9 วันที่ตรวจวัด 24-25 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING

No.0042

Client : Rojana Industrial Park Public Co., Ltd.

2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988

Date Received : May 31, 2023

Date Reported : Jun 06, 2023

Report Number : 2673479-1

P/O :

Project Name : Khao Khan Song

Project Location :

Page 1 of 3

Sample No. 2351988-10
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|----------------|--------------------------------|-----------------|------------------|----------------------------|
| | แหล่งกำเนิด | ไม่มีการรบกวน | ระดับเสียง | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 02:00 PM - 03:00 PM | 48.1 | 46.7 | 1.4 | 7.0 | 41.1 | - | 43.1 | -2.0 |
| 03:00 PM - 04:00 PM | 48.9 | 47.7 | 1.2 | 7.0 | 41.9 | - | 44.0 | -2.1 |
| 04:00 PM - 05:00 PM | 48.4 | 47.2 | 1.2 | 7.0 | 41.4 | - | 43.4 | -2.0 |
| 05:00 PM - 06:00 PM | 51.2 | 47.8 | 3.4 | 3.0 | 48.2 | - | 42.9 | 5.3 |
| 06:00 PM - 07:00 PM | 53.3 | 50.1 | 3.2 | 3.0 | 50.3 | - | 42.1 | 8.2 |
| 07:00 PM - 08:00 PM | 47.2 | 45.4 | 1.8 | 4.5 | 42.7 | - | 42.7 | 0.0 |
| 08:00 PM - 09:00 PM | 46.1 | 45.7 | 0.4 | 7.0 | 39.1 | - | 44.1 | -5.0 |
| 09:00 PM - 10:00 PM | 45.7 | 45.6 | 0.1 | 7.0 | 38.7 | - | 44.1 | -5.4 |
| 10:00 PM - 10:05 PM | 46.1 | 44.3 | 1.8 | 4.5 | - | 44.6 | 42.9 | 1.7 |
| 10:05 PM - 10:10 PM | 45.0 | 44.3 | 0.7 | 7.0 | - | 41.0 | 42.6 | -1.6 |
| 10:10 PM - 10:15 PM | 45.1 | 43.8 | 1.3 | 7.0 | - | 41.1 | 42.2 | -1.1 |
| 10:15 PM - 10:20 PM | 44.2 | 44.5 | -0.3 | 7.0 | - | 40.2 | 42.2 | -2.0 |
| 10:20 PM - 10:25 PM | 44.7 | 43.5 | 1.2 | 7.0 | - | 40.7 | 41.9 | -1.2 |
| 10:25 PM - 10:30 PM | 45.3 | 45.1 | 0.2 | 7.0 | - | 41.3 | 43.8 | -2.5 |
| 10:30 PM - 10:35 PM | 44.7 | 44.9 | -0.2 | 7.0 | - | 40.7 | 43.9 | -3.2 |
| 10:35 PM - 10:40 PM | 44.8 | 44.4 | 0.4 | 7.0 | - | 40.8 | 42.6 | -1.8 |
| 10:40 PM - 10:45 PM | 44.4 | 43.2 | 1.2 | 7.0 | - | 40.4 | 42.0 | -1.6 |
| 10:45 PM - 10:50 PM | 44.5 | 43.5 | 1.0 | 7.0 | - | 40.5 | 42.1 | -1.6 |
| 10:50 PM - 10:55 PM | 44.5 | 43.9 | 0.6 | 7.0 | - | 40.5 | 42.5 | -2.0 |
| 10:55 PM - 11:00 PM | 45.6 | 43.4 | 2.2 | 4.5 | - | 44.1 | 42.4 | 1.7 |
| 11:00 PM - 11:05 PM | 45.1 | 44.4 | 0.7 | 7.0 | - | 41.1 | 42.5 | -1.4 |
| 11:05 PM - 11:10 PM | 45.7 | 44.2 | 1.5 | 4.5 | - | 44.2 | 42.6 | 1.6 |
| 11:10 PM - 11:15 PM | 45.4 | 44.2 | 1.2 | 7.0 | - | 41.4 | 43.0 | -1.6 |
| 11:15 PM - 11:20 PM | 45.8 | 44.6 | 1.2 | 7.0 | - | 41.8 | 43.8 | -2.0 |
| 11:20 PM - 11:25 PM | 47.7 | 45.1 | 2.6 | 3.0 | - | 47.7 | 43.7 | 4.0 |
| 11:25 PM - 11:30 PM | 44.0 | 45.0 | -1.0 | 7.0 | - | 40.0 | 43.5 | -3.5 |
| 11:30 PM - 11:35 PM | 44.6 | 44.8 | -0.2 | 7.0 | - | 40.6 | 43.0 | -2.4 |
| 11:35 PM - 11:40 PM | 45.1 | 44.5 | 0.6 | 7.0 | - | 41.1 | 42.9 | -1.8 |
| 11:40 PM - 11:45 PM | 48.7 | 44.9 | 3.8 | 2.0 | - | 49.7 | 42.6 | 7.1 |
| 11:45 PM - 11:50 PM | 45.8 | 45.7 | 0.1 | 7.0 | - | 41.8 | 42.9 | -1.1 |
| 11:50 PM - 11:55 PM | 43.2 | 43.8 | -0.6 | 7.0 | - | 39.2 | 42.2 | -3.0 |
| 11:55 PM - 12:00 AM | 43.9 | 44.7 | -0.8 | 7.0 | - | 39.9 | 43.6 | -3.7 |
| 12:00 AM - 12:05 AM | 44.8 | 44.6 | 0.2 | 7.0 | - | 40.8 | 43.1 | -2.3 |
| 12:05 AM - 12:10 AM | 45.2 | 47.4 | -2.2 | 7.0 | - | 41.2 | 43.9 | -2.7 |
| 12:10 AM - 12:15 AM | 44.0 | 45.1 | -1.1 | 7.0 | - | 40.0 | 43.7 | -3.7 |
| 12:15 AM - 12:20 AM | 44.9 | 43.0 | 1.9 | 4.5 | - | 43.4 | 41.9 | 1.5 |
| 12:20 AM - 12:25 AM | 43.1 | 43.8 | -0.7 | 7.0 | - | 39.1 | 41.9 | -2.8 |
| 12:25 AM - 12:30 AM | 44.2 | 43.9 | 0.3 | 7.0 | - | 40.2 | 42.6 | -2.4 |
| 12:30 AM - 12:35 AM | 43.0 | 44.8 | -1.8 | 7.0 | - | 39.0 | 42.7 | -3.7 |
| 12:35 AM - 12:40 AM | 43.9 | 43.6 | 0.3 | 7.0 | - | 39.9 | 41.8 | -1.9 |

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Approved by

WilB.

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673479-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-10
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:40 AM - 12:45 AM | 43.3 | 43.3 | 0.0 | 7.0 | - | 39.3 | 41.9 | -2.6 |
| 12:45 AM - 12:50 AM | 44.4 | 42.2 | 2.2 | 4.5 | - | 42.9 | 40.4 | 2.5 |
| 12:50 AM - 12:55 AM | 43.7 | 42.5 | 1.2 | 7.0 | - | 39.7 | 40.2 | -0.5 |
| 12:55 AM - 01:00 AM | 42.9 | 41.9 | 1.0 | 7.0 | - | 38.9 | 40.1 | -1.2 |
| 01:00 AM - 01:05 AM | 42.6 | 42.5 | 0.1 | 7.0 | - | 38.6 | 40.8 | -2.2 |
| 01:05 AM - 01:10 AM | 43.4 | 41.9 | 1.5 | 4.5 | - | 41.9 | 40.3 | 1.6 |
| 01:10 AM - 01:15 AM | 43.2 | 42.9 | 0.3 | 7.0 | - | 39.2 | 40.4 | -1.2 |
| 01:15 AM - 01:20 AM | 44.3 | 42.6 | 1.7 | 4.5 | - | 42.8 | 40.7 | 2.1 |
| 01:20 AM - 01:25 AM | 42.0 | 42.1 | -0.1 | 7.0 | - | 38.0 | 40.5 | -2.5 |
| 01:25 AM - 01:30 AM | 44.3 | 41.4 | 2.9 | 3.0 | - | 44.3 | 39.9 | 4.4 |
| 01:30 AM - 01:35 AM | 42.7 | 41.7 | 1.0 | 7.0 | - | 38.7 | 40.4 | -1.7 |
| 01:35 AM - 01:40 AM | 43.0 | 41.7 | 1.3 | 7.0 | - | 39.0 | 40.1 | -1.1 |
| 01:40 AM - 01:45 AM | 42.3 | 42.9 | -0.6 | 7.0 | - | 38.3 | 39.8 | -1.5 |
| 01:45 AM - 01:50 AM | 44.0 | 41.3 | 2.7 | 3.0 | - | 44.0 | 40.0 | 4.0 |
| 01:50 AM - 01:55 AM | 42.6 | 43.1 | -0.5 | 7.0 | - | 38.6 | 40.8 | -2.2 |
| 01:55 AM - 02:00 AM | 42.2 | 41.5 | 0.7 | 7.0 | - | 38.2 | 40.4 | -2.2 |
| 02:00 AM - 02:05 AM | 45.5 | 41.2 | 4.3 | 2.0 | - | 46.5 | 39.7 | 6.8 |
| 02:05 AM - 02:10 AM | 42.9 | 40.2 | 2.7 | 3.0 | - | 42.9 | 39.1 | 3.8 |
| 02:10 AM - 02:15 AM | 43.4 | 42.9 | 0.5 | 7.0 | - | 39.4 | 40.0 | -0.6 |
| 02:15 AM - 02:20 AM | 44.0 | 40.3 | 3.7 | 2.0 | - | 45.0 | 38.8 | 6.2 |
| 02:20 AM - 02:25 AM | 42.6 | 40.4 | 2.2 | 4.5 | - | 41.1 | 39.2 | 1.9 |
| 02:25 AM - 02:30 AM | 42.9 | 44.6 | -1.7 | 7.0 | - | 38.9 | 39.4 | -0.5 |
| 02:30 AM - 02:35 AM | 43.7 | 40.4 | 3.3 | 3.0 | - | 43.7 | 39.3 | 4.4 |
| 02:35 AM - 02:40 AM | 42.1 | 41.1 | 1.0 | 7.0 | - | 38.1 | 39.7 | -1.6 |
| 02:40 AM - 02:45 AM | 40.7 | 41.2 | -0.5 | 7.0 | - | 36.7 | 39.6 | -2.9 |
| 02:45 AM - 02:50 AM | 44.3 | 40.6 | 3.7 | 2.0 | - | 45.3 | 39.1 | 6.2 |
| 02:50 AM - 02:55 AM | 44.0 | 41.1 | 2.9 | 3.0 | - | 44.0 | 39.5 | 4.5 |
| 02:55 AM - 03:00 AM | 43.8 | 42.1 | 1.7 | 4.5 | - | 42.3 | 39.5 | 2.8 |
| 03:00 AM - 03:05 AM | 43.2 | 40.5 | 2.7 | 3.0 | - | 43.2 | 38.2 | 5.0 |
| 03:05 AM - 03:10 AM | 44.5 | 39.5 | 5.0 | 1.5 | - | 46.0 | 37.8 | 8.2 |
| 03:10 AM - 03:15 AM | 42.3 | 42.5 | -0.2 | 7.0 | - | 38.3 | 37.8 | 0.5 |
| 03:15 AM - 03:20 AM | 43.4 | 41.7 | 1.7 | 4.5 | - | 41.9 | 38.7 | 3.2 |
| 03:20 AM - 03:25 AM | 43.5 | 41.7 | 1.8 | 4.5 | - | 42.0 | 39.7 | 2.3 |
| 03:25 AM - 03:30 AM | 42.7 | 41.9 | 0.8 | 7.0 | - | 38.7 | 40.2 | -1.5 |
| 03:30 AM - 03:35 AM | 42.7 | 42.8 | -0.1 | 7.0 | - | 38.7 | 39.7 | -1.0 |
| 03:35 AM - 03:40 AM | 43.7 | 41.5 | 2.2 | 4.5 | - | 42.2 | 39.5 | 2.7 |
| 03:40 AM - 03:45 AM | 43.7 | 41.7 | 2.0 | 4.5 | - | 42.2 | 39.5 | 2.7 |
| 03:45 AM - 03:50 AM | 43.9 | 42.1 | 1.8 | 4.5 | - | 42.4 | 38.8 | 3.6 |
| 03:50 AM - 03:55 AM | 49.9 | 41.0 | 8.9 | 0.5 | - | 52.4 | 39.3 | 13.1 |
| 03:55 AM - 04:00 AM | 52.4 | 41.1 | 11.3 | 0.5 | - | 54.9 | 39.0 | 15.9 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673479-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-10
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 04:00 AM - 04:05 AM | 43.9 | 42.4 | 1.5 | 4.5 | - | 42.4 | 39.9 | 2.5 |
| 04:05 AM - 04:10 AM | 44.3 | 42.3 | 2.0 | 4.5 | - | 42.8 | 40.4 | 2.4 |
| 04:10 AM - 04:15 AM | 45.5 | 42.4 | 3.1 | 3.0 | - | 45.5 | 40.6 | 4.9 |
| 04:15 AM - 04:20 AM | 44.5 | 45.7 | -1.2 | 7.0 | - | 40.5 | 41.3 | -0.8 |
| 04:20 AM - 04:25 AM | 45.5 | 43.7 | 1.8 | 4.5 | - | 44.0 | 39.9 | 4.1 |
| 04:25 AM - 04:30 AM | 44.0 | 42.2 | 1.8 | 4.5 | - | 42.5 | 39.8 | 2.7 |
| 04:30 AM - 04:35 AM | 49.3 | 43.0 | 6.3 | 1.5 | - | 50.8 | 40.5 | 10.3 |
| 04:35 AM - 04:40 AM | 48.6 | 43.3 | 5.3 | 1.5 | - | 50.1 | 40.3 | 9.8 |
| 04:40 AM - 04:45 AM | 48.6 | 43.1 | 5.5 | 1.5 | - | 50.1 | 40.5 | 9.6 |
| 04:45 AM - 04:50 AM | 48.5 | 43.1 | 5.4 | 1.5 | - | 50.0 | 41.0 | 9.0 |
| 04:50 AM - 04:55 AM | 50.0 | 42.2 | 7.8 | 0.5 | - | 52.5 | 40.4 | 12.1 |
| 04:55 AM - 05:00 AM | 48.1 | 44.6 | 3.5 | 2.0 | - | 49.1 | 41.1 | 8.0 |
| 05:00 AM - 05:05 AM | 48.1 | 46.4 | 1.7 | 4.5 | - | 46.6 | 42.7 | 3.9 |
| 05:05 AM - 05:10 AM | 49.7 | 47.5 | 2.2 | 4.5 | - | 48.2 | 44.0 | 4.2 |
| 05:10 AM - 05:15 AM | 52.1 | 48.3 | 3.8 | 2.0 | - | 53.1 | 44.0 | 9.1 |
| 05:15 AM - 05:20 AM | 51.3 | 46.5 | 4.8 | 1.5 | - | 52.8 | 43.7 | 9.1 |
| 05:20 AM - 05:25 AM | 50.0 | 46.9 | 3.1 | 3.0 | - | 50.0 | 42.8 | 7.2 |
| 05:25 AM - 05:30 AM | 49.9 | 46.2 | 3.7 | 2.0 | - | 50.9 | 43.7 | 7.2 |
| 05:30 AM - 05:35 AM | 50.8 | 51.1 | -0.3 | 7.0 | - | 46.8 | 45.4 | 1.4 |
| 05:35 AM - 05:40 AM | 49.5 | 51.9 | -2.4 | 7.0 | - | 45.5 | 47.0 | -1.5 |
| 05:40 AM - 05:45 AM | 51.5 | 49.2 | 2.3 | 4.5 | - | 50.0 | 46.7 | 3.3 |
| 05:45 AM - 05:50 AM | 52.4 | 48.0 | 4.4 | 2.0 | - | 53.4 | 45.1 | 8.3 |
| 05:50 AM - 05:55 AM | 51.2 | 47.8 | 3.4 | 3.0 | - | 51.2 | 45.0 | 6.2 |
| 05:55 AM - 06:00 AM | 51.0 | 47.8 | 3.2 | 3.0 | - | 51.0 | 45.7 | 5.3 |
| 06:00 AM - 07:00 AM | 50.8 | 48.5 | 2.3 | 4.5 | 46.3 | - | 45.4 | 0.9 |
| 07:00 AM - 08:00 AM | 54.2 | 51.0 | 3.2 | 3.0 | 51.2 | - | 44.9 | 6.3 |
| 08:00 AM - 09:00 AM | 50.9 | 50.1 | 0.8 | 7.0 | 43.9 | - | 46.5 | -2.6 |
| 09:00 AM - 10:00 AM | 50.7 | 49.0 | 1.7 | 4.5 | 46.2 | - | 46.1 | 0.1 |
| 10:00 AM - 11:00 AM | 54.0 | 50.3 | 3.7 | 2.0 | 52.0 | - | 46.5 | 5.5 |
| 11:00 AM - 12:00 PM | 52.7 | 51.2 | 1.5 | 4.5 | 48.2 | - | 47.3 | 0.9 |
| 12:00 PM - 01:00 PM | 50.2 | 48.4 | 1.8 | 4.5 | 45.7 | - | 45.2 | 0.5 |
| 01:00 PM - 02:00 PM | 51.0 | 48.7 | 2.3 | 4.5 | 46.5 | - | 44.9 | 1.6 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-10 วันที่ตรวจวัด 25-26 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673480-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-11
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (B) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|--------------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 02:00 PM - 03:00 PM | 51.4 | 48.8 | 2.6 | 3.0 | 48.4 | - | 44.6 | 3.8 |
| 03:00 PM - 04:00 PM | 50.7 | 48.1 | 2.6 | 3.0 | 47.7 | - | 45.0 | 2.7 |
| 04:00 PM - 05:00 PM | 50.2 | 49.2 | 1.0 | 7.0 | 43.2 | - | 45.3 | -2.1 |
| 05:00 PM - 06:00 PM | 52.7 | 47.5 | 5.2 | 1.5 | 51.2 | - | 43.5 | 7.7 |
| 06:00 PM - 07:00 PM | 50.0 | 50.0 | 0.0 | 7.0 | 43.0 | - | 42.7 | 0.3 |
| 07:00 PM - 08:00 PM | 53.2 | 49.4 | 3.8 | 2.0 | 51.2 | - | 44.7 | 6.5 |
| 08:00 PM - 09:00 PM | 50.5 | 49.2 | 1.3 | 7.0 | 43.5 | - | 44.2 | -0.7 |
| 09:00 PM - 10:00 PM | 48.7 | 47.9 | 0.8 | 7.0 | 41.7 | - | 44.1 | -2.4 |
| 10:00 PM - 10:05 PM | 49.8 | 45.9 | 3.9 | 2.0 | - | 50.8 | 44.0 | 6.8 |
| 10:05 PM - 10:10 PM | 50.9 | 45.1 | 5.8 | 1.5 | - | 52.4 | 43.7 | 8.7 |
| 10:10 PM - 10:15 PM | 50.7 | 46.5 | 4.2 | 2.0 | - | 51.7 | 44.2 | 7.5 |
| 10:15 PM - 10:20 PM | 46.2 | 47.4 | -1.2 | 7.0 | - | 42.2 | 44.1 | -1.9 |
| 10:20 PM - 10:25 PM | 44.7 | 44.4 | 0.3 | 7.0 | - | 40.7 | 43.1 | -2.4 |
| 10:25 PM - 10:30 PM | 48.6 | 47.3 | 1.3 | 7.0 | - | 44.6 | 43.7 | 0.9 |
| 10:30 PM - 10:35 PM | 45.2 | 48.1 | -2.9 | 7.0 | - | 41.2 | 45.5 | -4.3 |
| 10:35 PM - 10:40 PM | 47.0 | 46.4 | 0.6 | 7.0 | - | 43.0 | 45.2 | -2.2 |
| 10:40 PM - 10:45 PM | 45.3 | 43.9 | 1.4 | 7.0 | - | 41.3 | 42.6 | -1.3 |
| 10:45 PM - 10:50 PM | 45.5 | 43.5 | 2.0 | 4.5 | - | 44.0 | 42.7 | 1.3 |
| 10:50 PM - 10:55 PM | 46.9 | 47.0 | -0.1 | 7.0 | - | 42.9 | 43.0 | -0.1 |
| 10:55 PM - 11:00 PM | 45.3 | 43.7 | 1.6 | 4.5 | - | 43.8 | 42.5 | 1.3 |
| 11:00 PM - 11:05 PM | 46.1 | 45.4 | 0.7 | 7.0 | - | 42.1 | 42.8 | -0.7 |
| 11:05 PM - 11:10 PM | 45.5 | 43.6 | 1.9 | 4.5 | - | 44.0 | 42.4 | 1.6 |
| 11:10 PM - 11:15 PM | 45.8 | 43.8 | 2.0 | 4.5 | - | 44.3 | 42.6 | 1.7 |
| 11:15 PM - 11:20 PM | 44.7 | 44.2 | 0.5 | 7.0 | - | 40.7 | 42.8 | -2.1 |
| 11:20 PM - 11:25 PM | 52.3 | 43.7 | 8.6 | 0.5 | - | 54.8 | 42.7 | 12.1 |
| 11:25 PM - 11:30 PM | 47.6 | 44.7 | 2.9 | 3.0 | - | 47.6 | 43.2 | 4.4 |
| 11:30 PM - 11:35 PM | 45.3 | 43.6 | 1.7 | 4.5 | - | 43.8 | 42.6 | 1.2 |
| 11:35 PM - 11:40 PM | 45.7 | 44.1 | 1.6 | 4.5 | - | 44.2 | 42.5 | 1.7 |
| 11:40 PM - 11:45 PM | 45.2 | 43.5 | 1.7 | 4.5 | - | 43.7 | 41.9 | 1.8 |
| 11:45 PM - 11:50 PM | 47.8 | 46.1 | 1.7 | 4.5 | - | 46.3 | 42.5 | 3.8 |
| 11:50 PM - 11:55 PM | 47.0 | 42.8 | 4.2 | 2.0 | - | 48.0 | 41.6 | 6.4 |
| 11:55 PM - 12:00 AM | 44.6 | 43.1 | 1.5 | 4.5 | - | 43.1 | 41.8 | 1.3 |
| 12:00 AM - 12:05 AM | 45.5 | 44.1 | 1.4 | 7.0 | - | 41.5 | 42.1 | -0.6 |
| 12:05 AM - 12:10 AM | 44.1 | 44.9 | -0.8 | 7.0 | - | 40.1 | 42.8 | -2.7 |
| 12:10 AM - 12:15 AM | 43.2 | 45.9 | -2.7 | 7.0 | - | 39.2 | 42.5 | -3.3 |
| 12:15 AM - 12:20 AM | 43.6 | 45.7 | -2.1 | 7.0 | - | 39.6 | 42.3 | -2.7 |
| 12:20 AM - 12:25 AM | 43.7 | 43.7 | 0.0 | 7.0 | - | 39.7 | 42.1 | -2.4 |
| 12:25 AM - 12:30 AM | 43.1 | 43.9 | -0.8 | 7.0 | - | 39.1 | 42.7 | -3.6 |
| 12:30 AM - 12:35 AM | 43.0 | 42.5 | 0.5 | 7.0 | - | 39.0 | 41.4 | -2.4 |
| 12:35 AM - 12:40 AM | 41.8 | 41.9 | -0.1 | 7.0 | - | 37.8 | 41.2 | -3.4 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673480-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-11
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

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 | | |
| 12:40 AM - 12:45 AM | 43.5 | 42.4 | 1.1 | 7.0 | - | 39.5 | 41.4 | -1.9 |
| 12:45 AM - 12:50 AM | 53.2 | 42.2 | 11.0 | 0.5 | - | 55.7 | 40.9 | 14.8 |
| 12:50 AM - 12:55 AM | 42.9 | 41.7 | 1.2 | 7.0 | - | 38.9 | 40.4 | -1.5 |
| 12:55 AM - 01:00 AM | 41.3 | 41.0 | 0.3 | 7.0 | - | 37.3 | 40.0 | -2.7 |
| 01:00 AM - 01:05 AM | 42.2 | 40.7 | 1.5 | 4.5 | - | 40.7 | 39.7 | 1.0 |
| 01:05 AM - 01:10 AM | 42.0 | 43.2 | -1.2 | 7.0 | - | 38.0 | 40.4 | -2.4 |
| 01:10 AM - 01:15 AM | 44.4 | 49.5 | -5.1 | 7.0 | - | 40.4 | 39.6 | 0.8 |
| 01:15 AM - 01:20 AM | 43.2 | 41.5 | 1.7 | 4.5 | - | 41.7 | 39.8 | 1.9 |
| 01:20 AM - 01:25 AM | 43.4 | 40.4 | 3.0 | 3.0 | - | 43.4 | 39.8 | 3.6 |
| 01:25 AM - 01:30 AM | 43.1 | 40.9 | 2.2 | 4.5 | - | 41.6 | 40.1 | 1.5 |
| 01:30 AM - 01:35 AM | 43.1 | 41.1 | 2.0 | 4.5 | - | 41.6 | 39.9 | 1.7 |
| 01:35 AM - 01:40 AM | 43.1 | 41.9 | 1.2 | 7.0 | - | 39.1 | 40.6 | -1.5 |
| 01:40 AM - 01:45 AM | 47.6 | 42.9 | 4.7 | 1.5 | - | 49.1 | 42.0 | 7.1 |
| 01:45 AM - 01:50 AM | 44.1 | 42.9 | 1.2 | 7.0 | - | 40.1 | 41.8 | -1.7 |
| 01:50 AM - 01:55 AM | 44.1 | 42.2 | 1.9 | 4.5 | - | 42.6 | 40.8 | 1.8 |
| 01:55 AM - 02:00 AM | 43.4 | 41.8 | 1.6 | 4.5 | - | 41.9 | 40.8 | 1.1 |
| 02:00 AM - 02:05 AM | 43.4 | 42.3 | 1.1 | 7.0 | - | 39.4 | 40.4 | -1.0 |
| 02:05 AM - 02:10 AM | 43.8 | 44.8 | -1.0 | 7.0 | - | 39.8 | 41.3 | -1.5 |
| 02:10 AM - 02:15 AM | 43.2 | 43.3 | -0.1 | 7.0 | - | 39.2 | 41.0 | -1.8 |
| 02:15 AM - 02:20 AM | 45.2 | 41.8 | 3.4 | 3.0 | - | 45.2 | 39.9 | 5.3 |
| 02:20 AM - 02:25 AM | 44.2 | 41.7 | 2.5 | 3.0 | - | 44.2 | 40.1 | 4.1 |
| 02:25 AM - 02:30 AM | 41.3 | 41.2 | 0.1 | 7.0 | - | 37.3 | 39.5 | -2.2 |
| 02:30 AM - 02:35 AM | 43.1 | 41.1 | 2.0 | 4.5 | - | 41.6 | 39.5 | 2.1 |
| 02:35 AM - 02:40 AM | 44.2 | 40.7 | 3.5 | 2.0 | - | 45.2 | 39.2 | 6.0 |
| 02:40 AM - 02:45 AM | 41.7 | 43.8 | -2.1 | 7.0 | - | 37.7 | 40.5 | -2.8 |
| 02:45 AM - 02:50 AM | 45.0 | 41.7 | 3.3 | 3.0 | - | 45.0 | 39.3 | 5.7 |
| 02:50 AM - 02:55 AM | 43.6 | 39.2 | 4.4 | 2.0 | - | 44.6 | 38.4 | 6.2 |
| 02:55 AM - 03:00 AM | 43.3 | 42.0 | 1.3 | 7.0 | - | 39.3 | 38.3 | 1.0 |
| 03:00 AM - 03:05 AM | 42.2 | 41.5 | 0.7 | 7.0 | - | 38.2 | 38.8 | -0.6 |
| 03:05 AM - 03:10 AM | 43.7 | 39.9 | 3.8 | 2.0 | - | 44.7 | 38.8 | 5.9 |
| 03:10 AM - 03:15 AM | 43.4 | 43.3 | 0.1 | 7.0 | - | 39.4 | 38.7 | 0.7 |
| 03:15 AM - 03:20 AM | 44.1 | 41.6 | 2.5 | 3.0 | - | 44.1 | 39.5 | 4.6 |
| 03:20 AM - 03:25 AM | 43.2 | 41.5 | 1.7 | 4.5 | - | 41.7 | 39.8 | 1.9 |
| 03:25 AM - 03:30 AM | 44.7 | 40.5 | 4.2 | 2.0 | - | 45.7 | 39.5 | 6.2 |
| 03:30 AM - 03:35 AM | 44.5 | 42.5 | 2.0 | 4.5 | - | 43.0 | 39.7 | 3.3 |
| 03:35 AM - 03:40 AM | 42.4 | 42.4 | 0.0 | 7.0 | - | 38.4 | 39.9 | -1.5 |
| 03:40 AM - 03:45 AM | 42.9 | 42.0 | 0.9 | 7.0 | - | 38.9 | 39.9 | -1.0 |
| 03:45 AM - 03:50 AM | 42.4 | 41.5 | 0.9 | 7.0 | - | 38.4 | 39.5 | -1.1 |
| 03:50 AM - 03:55 AM | 42.9 | 42.0 | 0.9 | 7.0 | - | 38.9 | 38.6 | 0.3 |
| 03:55 AM - 04:00 AM | 42.7 | 42.7 | 0.0 | 7.0 | - | 38.7 | 37.9 | 0.8 |

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Approved by

Wilaw B.

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673480-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-11
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 04:00 AM - 04:05 AM | 40.9 | 40.1 | 0.8 | 7.0 | - | 36.9 | 38.1 | -1.2 |
| 04:05 AM - 04:10 AM | 45.9 | 39.8 | 6.1 | 1.5 | - | 47.4 | 37.9 | 9.5 |
| 04:10 AM - 04:15 AM | 48.7 | 40.7 | 8.0 | 0.5 | - | 51.2 | 38.4 | 12.8 |
| 04:15 AM - 04:20 AM | 51.2 | 41.4 | 9.8 | 0.5 | - | 53.7 | 39.4 | 14.3 |
| 04:20 AM - 04:25 AM | 48.4 | 39.9 | 8.5 | 0.5 | - | 50.9 | 37.9 | 13.0 |
| 04:25 AM - 04:30 AM | 43.1 | 38.9 | 4.2 | 2.0 | - | 44.1 | 36.4 | 7.7 |
| 04:30 AM - 04:35 AM | 44.1 | 42.5 | 1.6 | 4.5 | - | 42.6 | 37.9 | 4.7 |
| 04:35 AM - 04:40 AM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 37.2 | 4.8 |
| 04:40 AM - 04:45 AM | 44.7 | 46.5 | -1.8 | 7.0 | - | 40.7 | 38.7 | 2.0 |
| 04:45 AM - 04:50 AM | 47.2 | 41.8 | 5.4 | 1.5 | - | 48.7 | 37.7 | 11.0 |
| 04:50 AM - 04:55 AM | 45.1 | 41.6 | 3.5 | 2.0 | - | 46.1 | 38.2 | 7.9 |
| 04:55 AM - 05:00 AM | 49.2 | 41.7 | 7.5 | 0.5 | - | 51.7 | 36.6 | 15.1 |
| 05:00 AM - 05:05 AM | 49.4 | 40.8 | 8.6 | 0.5 | - | 51.9 | 38.2 | 13.7 |
| 05:05 AM - 05:10 AM | 50.7 | 43.7 | 7.0 | 1.0 | - | 52.7 | 38.0 | 14.7 |
| 05:10 AM - 05:15 AM | 48.2 | 44.2 | 4.0 | 2.0 | - | 49.2 | 40.1 | 9.1 |
| 05:15 AM - 05:20 AM | 51.1 | 43.6 | 7.5 | 0.5 | - | 53.6 | 40.0 | 13.6 |
| 05:20 AM - 05:25 AM | 49.7 | 51.5 | -1.8 | 7.0 | - | 45.7 | 46.0 | -0.3 |
| 05:25 AM - 05:30 AM | 49.3 | 50.1 | -0.8 | 7.0 | - | 45.3 | 46.4 | -1.1 |
| 05:30 AM - 05:35 AM | 48.6 | 52.0 | -3.4 | 7.0 | - | 44.6 | 44.2 | 0.4 |
| 05:35 AM - 05:40 AM | 48.9 | 47.3 | 1.6 | 4.5 | - | 47.4 | 41.5 | 5.9 |
| 05:40 AM - 05:45 AM | 51.4 | 48.5 | 2.9 | 3.0 | - | 51.4 | 42.2 | 9.2 |
| 05:45 AM - 05:50 AM | 49.0 | 47.5 | 1.5 | 4.5 | - | 47.5 | 41.8 | 5.7 |
| 05:50 AM - 05:55 AM | 48.3 | 47.0 | 1.3 | 7.0 | - | 44.3 | 43.3 | 1.0 |
| 05:55 AM - 06:00 AM | 48.2 | 47.6 | 0.6 | 7.0 | - | 44.2 | 44.1 | 0.1 |
| 06:00 AM - 07:00 AM | 52.0 | 49.8 | 2.2 | 4.5 | 47.5 | - | 44.8 | 2.7 |
| 07:00 AM - 08:00 AM | 50.2 | 48.1 | 2.1 | 4.5 | 45.7 | - | 44.3 | 1.4 |
| 08:00 AM - 09:00 AM | 50.2 | 52.8 | -2.6 | 7.0 | 43.2 | - | 44.7 | -1.5 |
| 09:00 AM - 10:00 AM | 48.1 | 47.5 | 0.6 | 7.0 | 41.1 | - | 44.7 | -3.6 |
| 10:00 AM - 11:00 AM | 52.1 | 48.0 | 4.1 | 2.0 | 50.1 | - | 45.8 | 4.3 |
| 11:00 AM - 12:00 PM | 49.1 | 49.8 | -0.7 | 7.0 | 42.1 | - | 45.5 | -3.4 |
| 12:00 PM - 01:00 PM | 49.1 | 47.9 | 1.2 | 7.0 | 42.1 | - | 45.2 | -3.1 |
| 01:00 PM - 02:00 PM | 48.9 | 47.7 | 1.2 | 7.0 | 41.9 | - | 45.0 | -3.1 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-11 วันที่ตรวจวัด 26-27 พฤษภาคม 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673481-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-12
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (B) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|----------------|--------------------------------|-----------------|------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 02:00 PM - 03:00 PM | 47.2 | 46.8 | 0.4 | 7.0 | 40.2 | - | 44.0 | -3.8 |
| 03:00 PM - 04:00 PM | 48.3 | 47.3 | 1.0 | 7.0 | 41.3 | - | 43.3 | -2.0 |
| 04:00 PM - 05:00 PM | 47.5 | 46.2 | 1.3 | 7.0 | 40.5 | - | 42.2 | -1.7 |
| 05:00 PM - 06:00 PM | 49.0 | 45.9 | 3.1 | 3.0 | 46.0 | - | 42.2 | 3.8 |
| 06:00 PM - 07:00 PM | 53.1 | 49.4 | 3.7 | 2.0 | 51.1 | - | 42.6 | 8.5 |
| 07:00 PM - 08:00 PM | 48.1 | 49.5 | -1.4 | 7.0 | 41.1 | - | 44.2 | -3.1 |
| 08:00 PM - 09:00 PM | 48.6 | 45.7 | 2.9 | 3.0 | 45.6 | - | 42.7 | 2.9 |
| 09:00 PM - 10:00 PM | 44.0 | 45.9 | -1.9 | 7.0 | 37.0 | - | 42.5 | -5.5 |
| 10:00 PM - 10:05 PM | 44.2 | 42.9 | 1.3 | 7.0 | - | 40.2 | 41.5 | -1.3 |
| 10:05 PM - 10:10 PM | 44.3 | 43.8 | 0.5 | 7.0 | - | 40.3 | 42.9 | -2.6 |
| 10:10 PM - 10:15 PM | 43.3 | 43.4 | -0.1 | 7.0 | - | 39.3 | 42.4 | -3.1 |
| 10:15 PM - 10:20 PM | 43.3 | 43.3 | 0.0 | 7.0 | - | 39.3 | 42.2 | -2.9 |
| 10:20 PM - 10:25 PM | 43.4 | 43.4 | 0.0 | 7.0 | - | 39.4 | 42.1 | -2.7 |
| 10:25 PM - 10:30 PM | 43.3 | 42.8 | 0.5 | 7.0 | - | 39.3 | 41.2 | -1.9 |
| 10:30 PM - 10:35 PM | 43.6 | 42.2 | 1.4 | 7.0 | - | 39.6 | 41.4 | -1.8 |
| 10:35 PM - 10:40 PM | 44.7 | 42.7 | 2.0 | 4.5 | - | 43.2 | 41.7 | 1.5 |
| 10:40 PM - 10:45 PM | 45.1 | 42.7 | 2.4 | 4.5 | - | 43.6 | 41.8 | 1.8 |
| 10:45 PM - 10:50 PM | 43.9 | 41.9 | 2.0 | 4.5 | - | 42.4 | 40.9 | 1.5 |
| 10:50 PM - 10:55 PM | 43.5 | 42.0 | 1.5 | 4.5 | - | 42.0 | 40.6 | 1.4 |
| 10:55 PM - 11:00 PM | 43.0 | 41.9 | 1.1 | 7.0 | - | 39.0 | 40.5 | -1.5 |
| 11:00 PM - 11:05 PM | 44.4 | 43.2 | 1.2 | 7.0 | - | 40.4 | 41.9 | -1.5 |
| 11:05 PM - 11:10 PM | 45.4 | 43.0 | 2.4 | 4.5 | - | 43.9 | 41.2 | 2.7 |
| 11:10 PM - 11:15 PM | 43.5 | 42.3 | 1.2 | 7.0 | - | 39.5 | 41.4 | -1.9 |
| 11:15 PM - 11:20 PM | 42.7 | 42.2 | 0.5 | 7.0 | - | 38.7 | 41.0 | -2.3 |
| 11:20 PM - 11:25 PM | 43.4 | 42.9 | 0.5 | 7.0 | - | 39.4 | 41.6 | -2.2 |
| 11:25 PM - 11:30 PM | 43.5 | 43.2 | 0.3 | 7.0 | - | 39.5 | 42.1 | -2.6 |
| 11:30 PM - 11:35 PM | 43.6 | 43.2 | 0.4 | 7.0 | - | 39.6 | 41.7 | -2.1 |
| 11:35 PM - 11:40 PM | 43.8 | 42.4 | 1.4 | 7.0 | - | 39.8 | 41.5 | -1.7 |
| 11:40 PM - 11:45 PM | 43.9 | 43.1 | 0.8 | 7.0 | - | 39.9 | 42.1 | -2.2 |
| 11:45 PM - 11:50 PM | 43.2 | 43.5 | -0.3 | 7.0 | - | 39.2 | 42.6 | -3.4 |
| 11:50 PM - 11:55 PM | 46.1 | 43.4 | 2.7 | 3.0 | - | 46.1 | 42.5 | 3.6 |
| 11:55 PM - 12:00 AM | 43.2 | 43.4 | -0.2 | 7.0 | - | 39.2 | 42.4 | -3.2 |
| 12:00 AM - 12:05 AM | 44.3 | 42.5 | 1.8 | 4.5 | - | 42.8 | 41.0 | 1.8 |
| 12:05 AM - 12:10 AM | 42.5 | 42.1 | 0.4 | 7.0 | - | 38.5 | 40.1 | -1.6 |
| 12:10 AM - 12:15 AM | 42.6 | 43.7 | -1.1 | 7.0 | - | 38.6 | 40.2 | -1.6 |
| 12:15 AM - 12:20 AM | 42.3 | 40.8 | 1.5 | 4.5 | - | 40.8 | 39.4 | 1.4 |
| 12:20 AM - 12:25 AM | 42.9 | 41.4 | 1.5 | 4.5 | - | 41.4 | 39.6 | 1.8 |
| 12:25 AM - 12:30 AM | 51.9 | 40.2 | 11.7 | 0.5 | - | 54.4 | 39.3 | 15.1 |
| 12:30 AM - 12:35 AM | 42.8 | 40.5 | 2.3 | 4.5 | - | 41.3 | 39.1 | 2.2 |
| 12:35 AM - 12:40 AM | 42.0 | 40.5 | 1.5 | 4.5 | - | 40.5 | 39.6 | 0.9 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673481-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-12
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | (A) | | (B) | | (A-B) | | (C) | | (B) | | (E) | | (D-E) | |
|---------------------|---------------------|-----------------------|------------------|------------|---|-----------------|--------------|----------|---|-----------------|--------------|----------|---|-----------------|
| | เสียงจากแหล่งกำเนิด | เสียงขณะไม่มีการรบกวน | ผลต่างระดับเสียง | ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิดกลางวัน (A-C) | กลางคืน (A-C)+3 | เสียงพื้นฐาน | การรบกวน | ปรับค่าเสียงจากแหล่งกำเนิดกลางวัน (A-C) | กลางคืน (A-C)+3 | เสียงพื้นฐาน | การรบกวน | ปรับค่าเสียงจากแหล่งกำเนิดกลางวัน (A-C) | กลางคืน (A-C)+3 |
| 12:40 AM - 12:45 AM | 41.6 | 40.1 | 1.5 | 4.5 | - | 40.1 | 39.3 | 0.8 | - | 40.1 | 39.3 | 0.8 | - | 40.1 |
| 12:45 AM - 12:50 AM | 43.2 | 42.7 | 0.5 | 7.0 | - | 39.2 | 39.6 | -0.4 | - | 39.2 | 39.6 | -0.4 | - | 39.2 |
| 12:50 AM - 12:55 AM | 42.9 | 49.2 | -6.3 | 7.0 | - | 38.9 | 39.7 | -0.8 | - | 38.9 | 39.7 | -0.8 | - | 38.9 |
| 12:55 AM - 01:00 AM | 42.8 | 41.0 | 1.8 | 4.5 | - | 41.3 | 39.7 | 1.6 | - | 41.3 | 39.7 | 1.6 | - | 41.3 |
| 01:00 AM - 01:05 AM | 42.9 | 39.9 | 3.0 | 3.0 | - | 42.9 | 39.3 | 3.6 | - | 42.9 | 39.3 | 3.6 | - | 42.9 |
| 01:05 AM - 01:10 AM | 44.6 | 41.0 | 3.6 | 2.0 | - | 45.6 | 39.8 | 5.8 | - | 45.6 | 39.8 | 5.8 | - | 45.6 |
| 01:10 AM - 01:15 AM | 43.6 | 43.3 | 0.3 | 7.0 | - | 39.6 | 42.2 | -2.6 | - | 39.6 | 42.2 | -2.6 | - | 39.6 |
| 01:15 AM - 01:20 AM | 43.1 | 42.4 | 0.7 | 7.0 | - | 39.1 | 41.7 | -2.6 | - | 39.1 | 41.7 | -2.6 | - | 39.1 |
| 01:20 AM - 01:25 AM | 44.0 | 41.4 | 2.6 | 3.0 | - | 44.0 | 40.1 | 3.9 | - | 44.0 | 40.1 | 3.9 | - | 44.0 |
| 01:25 AM - 01:30 AM | 43.1 | 42.2 | 0.9 | 7.0 | - | 39.1 | 41.5 | -2.4 | - | 39.1 | 41.5 | -2.4 | - | 39.1 |
| 01:30 AM - 01:35 AM | 44.7 | 42.6 | 2.1 | 4.5 | - | 43.2 | 41.3 | 1.9 | - | 43.2 | 41.3 | 1.9 | - | 43.2 |
| 01:35 AM - 01:40 AM | 42.3 | 42.3 | 0.0 | 7.0 | - | 38.3 | 41.1 | -2.8 | - | 38.3 | 41.1 | -2.8 | - | 38.3 |
| 01:40 AM - 01:45 AM | 41.7 | 41.9 | -0.2 | 7.0 | - | 37.7 | 40.0 | -2.3 | - | 37.7 | 40.0 | -2.3 | - | 37.7 |
| 01:45 AM - 01:50 AM | 41.8 | 42.0 | -0.2 | 7.0 | - | 37.8 | 40.8 | -3.0 | - | 37.8 | 40.8 | -3.0 | - | 37.8 |
| 01:50 AM - 01:55 AM | 40.7 | 41.8 | -1.1 | 7.0 | - | 36.7 | 40.7 | -4.0 | - | 36.7 | 40.7 | -4.0 | - | 36.7 |
| 01:55 AM - 02:00 AM | 41.4 | 43.7 | -2.3 | 7.0 | - | 37.4 | 41.0 | -3.6 | - | 37.4 | 41.0 | -3.6 | - | 37.4 |
| 02:00 AM - 02:05 AM | 44.7 | 40.4 | 4.3 | 2.0 | - | 45.7 | 38.4 | 7.3 | - | 45.7 | 38.4 | 7.3 | - | 45.7 |
| 02:05 AM - 02:10 AM | 41.7 | 40.1 | 1.6 | 4.5 | - | 40.2 | 38.5 | 1.7 | - | 40.2 | 38.5 | 1.7 | - | 40.2 |
| 02:10 AM - 02:15 AM | 42.6 | 40.0 | 2.6 | 3.0 | - | 42.6 | 38.8 | 3.8 | - | 42.6 | 38.8 | 3.8 | - | 42.6 |
| 02:15 AM - 02:20 AM | 43.1 | 40.0 | 3.1 | 3.0 | - | 43.1 | 38.1 | 5.0 | - | 43.1 | 38.1 | 5.0 | - | 43.1 |
| 02:20 AM - 02:25 AM | 41.0 | 40.5 | 0.5 | 7.0 | - | 37.0 | 37.4 | -0.4 | - | 37.0 | 37.4 | -0.4 | - | 37.0 |
| 02:25 AM - 02:30 AM | 39.8 | 40.1 | -0.3 | 7.0 | - | 35.8 | 37.3 | -1.5 | - | 35.8 | 37.3 | -1.5 | - | 35.8 |
| 02:30 AM - 02:35 AM | 42.9 | 40.0 | 2.9 | 3.0 | - | 42.9 | 37.7 | 5.2 | - | 42.9 | 37.7 | 5.2 | - | 42.9 |
| 02:35 AM - 02:40 AM | 42.5 | 40.1 | 2.4 | 4.5 | - | 41.0 | 37.8 | 3.2 | - | 41.0 | 37.8 | 3.2 | - | 41.0 |
| 02:40 AM - 02:45 AM | 40.9 | 40.1 | 0.8 | 7.0 | - | 36.9 | 37.5 | -0.6 | - | 36.9 | 37.5 | -0.6 | - | 36.9 |
| 02:45 AM - 02:50 AM | 41.5 | 38.7 | 2.8 | 3.0 | - | 41.5 | 37.2 | 4.3 | - | 41.5 | 37.2 | 4.3 | - | 41.5 |
| 02:50 AM - 02:55 AM | 44.8 | 39.4 | 5.4 | 1.5 | - | 46.3 | 36.8 | 9.5 | - | 46.3 | 36.8 | 9.5 | - | 46.3 |
| 02:55 AM - 03:00 AM | 41.9 | 40.5 | 1.4 | 7.0 | - | 37.9 | 38.1 | -0.2 | - | 37.9 | 38.1 | -0.2 | - | 37.9 |
| 03:00 AM - 03:05 AM | 42.9 | 40.3 | 2.6 | 3.0 | - | 42.9 | 38.8 | 4.1 | - | 42.9 | 38.8 | 4.1 | - | 42.9 |
| 03:05 AM - 03:10 AM | 42.8 | 39.0 | 3.8 | 2.0 | - | 43.8 | 37.6 | 6.2 | - | 43.8 | 37.6 | 6.2 | - | 43.8 |
| 03:10 AM - 03:15 AM | 41.7 | 43.5 | -1.8 | 7.0 | - | 37.7 | 39.0 | -1.3 | - | 37.7 | 39.0 | -1.3 | - | 37.7 |
| 03:15 AM - 03:20 AM | 41.0 | 40.0 | 1.0 | 7.0 | - | 37.0 | 38.2 | -1.2 | - | 37.0 | 38.2 | -1.2 | - | 37.0 |
| 03:20 AM - 03:25 AM | 41.1 | 40.2 | 0.9 | 7.0 | - | 37.1 | 38.8 | -1.7 | - | 37.1 | 38.8 | -1.7 | - | 37.1 |
| 03:25 AM - 03:30 AM | 41.3 | 42.1 | -0.8 | 7.0 | - | 37.3 | 39.4 | -2.1 | - | 37.3 | 39.4 | -2.1 | - | 37.3 |
| 03:30 AM - 03:35 AM | 41.8 | 39.7 | 2.1 | 4.5 | - | 40.3 | 37.3 | 3.0 | - | 40.3 | 37.3 | 3.0 | - | 40.3 |
| 03:35 AM - 03:40 AM | 40.6 | 40.6 | 0.0 | 7.0 | - | 36.6 | 37.1 | -0.5 | - | 36.6 | 37.1 | -0.5 | - | 36.6 |
| 03:40 AM - 03:45 AM | 46.6 | 38.0 | 8.6 | 0.5 | - | 49.1 | 36.1 | 13.0 | - | 49.1 | 36.1 | 13.0 | - | 49.1 |
| 03:45 AM - 03:50 AM | 41.4 | 40.3 | 1.1 | 7.0 | - | 37.4 | 38.1 | -0.7 | - | 37.4 | 38.1 | -0.7 | - | 37.4 |
| 03:50 AM - 03:55 AM | 41.8 | 39.7 | 2.1 | 4.5 | - | 40.3 | 36.9 | 3.4 | - | 40.3 | 36.9 | 3.4 | - | 40.3 |
| 03:55 AM - 04:00 AM | 51.0 | 39.6 | 11.4 | 0.5 | - | 53.5 | 37.4 | 16.1 | - | 53.5 | 37.4 | 16.1 | - | 53.5 |

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673481-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-12
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจากแหล่งกำเนิด (A) | เสียงขณะไม่มีการรบกวน (B) | ผลต่างระดับเสียง (A-B) (C) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับการรบกวน (D-E) (F) |
|---------------------|-------------------------|---------------------------|----------------------------|----------------|--------------------------------|-----------------|------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 04:00 AM - 04:05 AM | 55.0 | 42.8 | 12.2 | 0.5 | - | 57.5 | 36.6 | 20.9 |
| 04:05 AM - 04:10 AM | 53.7 | 44.7 | 9.0 | 0.5 | - | 56.2 | 36.9 | 19.3 |
| 04:10 AM - 04:15 AM | 49.5 | 38.9 | 10.6 | 0.5 | - | 52.0 | 36.7 | 15.3 |
| 04:15 AM - 04:20 AM | 46.3 | 43.8 | 2.5 | 3.0 | - | 46.3 | 38.1 | 8.2 |
| 04:20 AM - 04:25 AM | 44.8 | 51.2 | -6.4 | 7.0 | - | 40.8 | 46.1 | -5.3 |
| 04:25 AM - 04:30 AM | 62.0 | 57.7 | 4.3 | 2.0 | - | 63.0 | 45.8 | 17.2 |
| 04:30 AM - 04:35 AM | 66.1 | 50.4 | 15.7 | 0.0 | - | 69.1 | 45.4 | 23.7 |
| 04:35 AM - 04:40 AM | 66.5 | 46.7 | 19.8 | 0.0 | - | 69.5 | 43.1 | 26.4 |
| 04:40 AM - 04:45 AM | 65.4 | 42.7 | 22.7 | 0.0 | - | 68.4 | 40.0 | 28.4 |
| 04:45 AM - 04:50 AM | 59.0 | 47.1 | 11.9 | 0.5 | - | 61.5 | 40.7 | 20.8 |
| 04:50 AM - 04:55 AM | 57.2 | 64.5 | -7.3 | 7.0 | - | 53.2 | 57.4 | -4.2 |
| 04:55 AM - 05:00 AM | 55.9 | 64.9 | -9.0 | 7.0 | - | 51.9 | 49.8 | 2.1 |
| 05:00 AM - 05:05 AM | 54.6 | 63.7 | -9.1 | 7.0 | - | 50.6 | 61.2 | -10.6 |
| 05:05 AM - 05:10 AM | 53.4 | 62.2 | -8.8 | 7.0 | - | 49.4 | 56.4 | -7.0 |
| 05:10 AM - 05:15 AM | 53.0 | 55.9 | -2.9 | 7.0 | - | 49.0 | 50.6 | -1.6 |
| 05:15 AM - 05:20 AM | 51.4 | 54.3 | -2.9 | 7.0 | - | 47.4 | 51.3 | -3.9 |
| 05:20 AM - 05:25 AM | 53.2 | 55.1 | -1.9 | 7.0 | - | 49.2 | 49.0 | 0.2 |
| 05:25 AM - 05:30 AM | 53.0 | 52.6 | 0.4 | 7.0 | - | 49.0 | 49.5 | -0.5 |
| 05:30 AM - 05:35 AM | 50.1 | 52.4 | -2.3 | 7.0 | - | 46.1 | 48.2 | -2.1 |
| 05:35 AM - 05:40 AM | 48.6 | 50.6 | -2.0 | 7.0 | - | 44.6 | 46.1 | -1.5 |
| 05:40 AM - 05:45 AM | 49.9 | 50.6 | -0.7 | 7.0 | - | 45.9 | 47.6 | -1.7 |
| 05:45 AM - 05:50 AM | 48.7 | 54.2 | -5.5 | 7.0 | - | 44.7 | 47.9 | -3.2 |
| 05:50 AM - 05:55 AM | 49.5 | 51.1 | -1.6 | 7.0 | - | 45.5 | 45.7 | -0.2 |
| 05:55 AM - 06:00 AM | 49.1 | 47.1 | 2.0 | 4.5 | - | 47.6 | 43.9 | 3.7 |
| 06:00 AM - 07:00 AM | 56.4 | 55.6 | 0.8 | 7.0 | 49.4 | - | 44.7 | 4.7 |
| 07:00 AM - 08:00 AM | 55.0 | 62.3 | -7.3 | 7.0 | 48.0 | - | 43.8 | 4.2 |
| 08:00 AM - 09:00 AM | 56.1 | 47.7 | 8.4 | 0.5 | 55.6 | - | 45.2 | 10.4 |
| 09:00 AM - 10:00 AM | 49.1 | 58.4 | -9.3 | 7.0 | 42.1 | - | 44.3 | -2.2 |
| 10:00 AM - 11:00 AM | 52.6 | 48.4 | 4.2 | 2.0 | 50.6 | - | 43.6 | 7.0 |
| 11:00 AM - 12:00 PM | 50.6 | 48.2 | 2.4 | 4.5 | 46.1 | - | 40.7 | 5.4 |
| 12:00 PM - 01:00 PM | 49.9 | 47.6 | 2.3 | 4.5 | 45.4 | - | 41.4 | 4.0 |
| 01:00 PM - 02:00 PM | 51.4 | 49.0 | 2.4 | 4.5 | 46.9 | - | 41.8 | 5.1 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 27-28 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-12 วันที่ตรวจวัด 27-28 พฤษภาคม 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673482-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-13
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (B) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|----------------|--------------------------------|-----------------|------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 02:00 PM - 03:00 PM | 52.3 | 49.4 | 2.9 | 3.0 | 49.3 | - | 42.5 | 6.8 |
| 03:00 PM - 04:00 PM | 49.8 | 48.9 | 0.9 | 7.0 | 42.8 | - | 42.0 | 0.8 |
| 04:00 PM - 05:00 PM | 50.8 | 47.5 | 3.3 | 3.0 | 47.8 | - | 39.9 | 7.9 |
| 05:00 PM - 06:00 PM | 49.0 | 48.0 | 1.0 | 7.0 | 42.0 | - | 40.1 | 1.9 |
| 06:00 PM - 07:00 PM | 50.4 | 46.6 | 3.8 | 2.0 | 48.4 | - | 40.9 | 7.5 |
| 07:00 PM - 08:00 PM | 48.6 | 48.0 | 0.6 | 7.0 | 41.6 | - | 43.0 | -1.4 |
| 08:00 PM - 09:00 PM | 48.0 | 45.6 | 2.4 | 4.5 | 43.5 | - | 42.5 | 1.0 |
| 09:00 PM - 10:00 PM | 48.7 | 46.6 | 2.1 | 4.5 | 44.2 | - | 41.4 | 2.8 |
| 10:00 PM - 10:05 PM | 51.2 | 46.1 | 5.1 | 1.5 | - | 52.7 | 42.1 | 10.6 |
| 10:05 PM - 10:10 PM | 49.7 | 47.7 | 2.0 | 4.5 | - | 48.2 | 41.7 | 6.5 |
| 10:10 PM - 10:15 PM | 52.5 | 46.2 | 6.3 | 1.5 | - | 54.0 | 41.9 | 12.1 |
| 10:15 PM - 10:20 PM | 54.6 | 51.2 | 3.4 | 3.0 | - | 54.6 | 42.7 | 11.9 |
| 10:20 PM - 10:25 PM | 49.0 | 50.7 | -1.7 | 7.0 | - | 45.0 | 42.8 | 2.2 |
| 10:25 PM - 10:30 PM | 54.4 | 50.0 | 4.4 | 2.0 | - | 55.4 | 43.1 | 12.3 |
| 10:30 PM - 10:35 PM | 56.4 | 51.8 | 4.6 | 1.5 | - | 57.9 | 44.3 | 13.6 |
| 10:35 PM - 10:40 PM | 58.5 | 52.0 | 6.5 | 1.0 | - | 60.5 | 42.3 | 18.2 |
| 10:40 PM - 10:45 PM | 55.4 | 51.1 | 4.3 | 2.0 | - | 56.4 | 42.0 | 14.4 |
| 10:45 PM - 10:50 PM | 52.8 | 51.4 | 1.4 | 7.0 | - | 48.8 | 42.0 | 6.8 |
| 10:50 PM - 10:55 PM | 53.3 | 54.3 | -1.0 | 7.0 | - | 49.3 | 43.6 | 5.7 |
| 10:55 PM - 11:00 PM | 48.5 | 54.2 | -5.7 | 7.0 | - | 44.5 | 43.3 | 1.2 |
| 11:00 PM - 11:05 PM | 53.3 | 56.0 | -2.7 | 7.0 | - | 49.3 | 42.0 | 7.3 |
| 11:05 PM - 11:10 PM | 52.6 | 56.3 | -3.7 | 7.0 | - | 48.6 | 42.8 | 5.8 |
| 11:10 PM - 11:15 PM | 52.1 | 52.9 | -0.8 | 7.0 | - | 48.1 | 41.3 | 6.8 |
| 11:15 PM - 11:20 PM | 53.2 | 54.1 | -0.9 | 7.0 | - | 49.2 | 41.7 | 7.5 |
| 11:20 PM - 11:25 PM | 57.1 | 50.3 | 6.8 | 1.0 | - | 59.1 | 41.9 | 17.2 |
| 11:25 PM - 11:30 PM | 61.2 | 52.5 | 8.7 | 0.5 | - | 63.7 | 41.4 | 22.3 |
| 11:30 PM - 11:35 PM | 61.2 | 52.1 | 9.1 | 0.5 | - | 63.7 | 40.7 | 23.0 |
| 11:35 PM - 11:40 PM | 61.9 | 52.5 | 9.4 | 0.5 | - | 64.4 | 43.5 | 20.9 |
| 11:40 PM - 11:45 PM | 60.0 | 53.0 | 7.0 | 1.0 | - | 62.0 | 44.1 | 17.9 |
| 11:45 PM - 11:50 PM | 58.8 | 58.1 | 0.7 | 7.0 | - | 54.8 | 45.2 | 9.6 |
| 11:50 PM - 11:55 PM | 60.9 | 60.4 | 0.5 | 7.0 | - | 56.9 | 52.9 | 4.0 |
| 11:55 PM - 12:00 AM | 60.8 | 59.9 | 0.9 | 7.0 | - | 56.8 | 51.9 | 4.9 |
| 12:00 AM - 12:05 AM | 62.2 | 59.6 | 2.6 | 3.0 | - | 62.2 | 50.2 | 12.0 |
| 12:05 AM - 12:10 AM | 62.7 | 57.6 | 5.1 | 1.5 | - | 64.2 | 46.0 | 18.2 |
| 12:10 AM - 12:15 AM | 63.0 | 59.4 | 3.6 | 2.0 | - | 64.0 | 51.6 | 12.4 |
| 12:15 AM - 12:20 AM | 62.2 | 59.7 | 2.5 | 3.0 | - | 62.2 | 43.0 | 19.2 |
| 12:20 AM - 12:25 AM | 62.8 | 62.7 | 0.1 | 7.0 | - | 58.8 | 59.6 | -0.8 |
| 12:25 AM - 12:30 AM | 63.3 | 60.8 | 2.5 | 3.0 | - | 63.3 | 53.4 | 9.9 |
| 12:30 AM - 12:35 AM | 63.4 | 60.6 | 2.8 | 3.0 | - | 63.4 | 56.1 | 7.3 |
| 12:35 AM - 12:40 AM | 63.4 | 62.2 | 1.2 | 7.0 | - | 59.4 | 60.2 | -0.8 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673482-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-13
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

| ระดับเสียง (dB(A)) | | | | | | | | |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:40 AM - 12:45 AM | 62.0 | 61.0 | 1.0 | 7.0 | - | 58.0 | 50.6 | 7.4 |
| 12:45 AM - 12:50 AM | 61.9 | 62.4 | -0.5 | 7.0 | - | 57.9 | 59.8 | -1.9 |
| 12:50 AM - 12:55 AM | 61.1 | 62.0 | -0.9 | 7.0 | - | 57.1 | 58.9 | -1.8 |
| 12:55 AM - 01:00 AM | 61.5 | 61.9 | -0.4 | 7.0 | - | 57.5 | 59.1 | -1.6 |
| 01:00 AM - 01:05 AM | 61.3 | 60.3 | 1.0 | 7.0 | - | 57.3 | 51.5 | 5.8 |
| 01:05 AM - 01:10 AM | 61.6 | 62.1 | -0.5 | 7.0 | - | 57.6 | 60.0 | -2.4 |
| 01:10 AM - 01:15 AM | 62.8 | 59.3 | 3.5 | 2.0 | - | 63.8 | 51.8 | 12.0 |
| 01:15 AM - 01:20 AM | 61.1 | 60.2 | 0.9 | 7.0 | - | 57.1 | 54.9 | 2.2 |
| 01:20 AM - 01:25 AM | 61.4 | 60.8 | 0.6 | 7.0 | - | 57.4 | 50.2 | 7.2 |
| 01:25 AM - 01:30 AM | 61.1 | 60.3 | 0.8 | 7.0 | - | 57.1 | 47.3 | 9.8 |
| 01:30 AM - 01:35 AM | 61.9 | 63.9 | -2.0 | 7.0 | - | 57.9 | 61.6 | -3.7 |
| 01:35 AM - 01:40 AM | 62.3 | 62.4 | -0.1 | 7.0 | - | 58.3 | 47.4 | 10.9 |
| 01:40 AM - 01:45 AM | 63.3 | 62.3 | 1.0 | 7.0 | - | 59.3 | 57.3 | 2.0 |
| 01:45 AM - 01:50 AM | 63.1 | 62.5 | 0.6 | 7.0 | - | 59.1 | 49.1 | 10.0 |
| 01:50 AM - 01:55 AM | 65.3 | 62.7 | 2.6 | 3.0 | - | 65.3 | 56.9 | 8.4 |
| 01:55 AM - 02:00 AM | 63.1 | 62.9 | 0.2 | 7.0 | - | 59.1 | 57.4 | 1.7 |
| 02:00 AM - 02:05 AM | 59.9 | 64.0 | -4.1 | 7.0 | - | 55.9 | 61.3 | -5.4 |
| 02:05 AM - 02:10 AM | 60.6 | 64.1 | -3.5 | 7.0 | - | 56.6 | 61.6 | -5.0 |
| 02:10 AM - 02:15 AM | 58.9 | 62.7 | -3.8 | 7.0 | - | 54.9 | 60.0 | -5.1 |
| 02:15 AM - 02:20 AM | 55.3 | 63.1 | -7.8 | 7.0 | - | 51.3 | 61.1 | -9.8 |
| 02:20 AM - 02:25 AM | 57.7 | 60.0 | -2.3 | 7.0 | - | 53.7 | 57.7 | -4.0 |
| 02:25 AM - 02:30 AM | 59.6 | 59.2 | 0.4 | 7.0 | - | 55.6 | 56.9 | -1.3 |
| 02:30 AM - 02:35 AM | 60.9 | 59.6 | 1.3 | 7.0 | - | 56.9 | 57.3 | -0.4 |
| 02:35 AM - 02:40 AM | 59.5 | 54.8 | 4.7 | 1.5 | - | 61.0 | 40.1 | 20.9 |
| 02:40 AM - 02:45 AM | 60.8 | 55.2 | 5.6 | 1.5 | - | 62.3 | 44.3 | 18.0 |
| 02:45 AM - 02:50 AM | 60.6 | 58.0 | 2.6 | 3.0 | - | 60.6 | 52.6 | 8.0 |
| 02:50 AM - 02:55 AM | 60.5 | 59.7 | 0.8 | 7.0 | - | 56.5 | 54.9 | 1.6 |
| 02:55 AM - 03:00 AM | 59.5 | 60.0 | -0.5 | 7.0 | - | 55.5 | 55.7 | -0.2 |
| 03:00 AM - 03:05 AM | 60.5 | 59.1 | 1.4 | 7.0 | - | 56.5 | 47.4 | 9.1 |
| 03:05 AM - 03:10 AM | 61.1 | 60.0 | 1.1 | 7.0 | - | 57.1 | 57.9 | -0.8 |
| 03:10 AM - 03:15 AM | 59.5 | 59.1 | 0.4 | 7.0 | - | 55.5 | 50.9 | 4.6 |
| 03:15 AM - 03:20 AM | 60.4 | 60.2 | 0.2 | 7.0 | - | 56.4 | 57.2 | -0.8 |
| 03:20 AM - 03:25 AM | 61.8 | 59.1 | 2.7 | 3.0 | - | 61.8 | 48.1 | 13.7 |
| 03:25 AM - 03:30 AM | 61.3 | 60.0 | 1.3 | 7.0 | - | 57.3 | 56.1 | 1.2 |
| 03:30 AM - 03:35 AM | 60.2 | 59.5 | 0.7 | 7.0 | - | 56.2 | 51.6 | 4.6 |
| 03:35 AM - 03:40 AM | 59.2 | 58.9 | 0.3 | 7.0 | - | 55.2 | 48.6 | 6.6 |
| 03:40 AM - 03:45 AM | 59.2 | 60.6 | -1.4 | 7.0 | - | 55.2 | 57.9 | -2.7 |
| 03:45 AM - 03:50 AM | 59.3 | 60.7 | -1.4 | 7.0 | - | 55.3 | 58.6 | -3.3 |
| 03:50 AM - 03:55 AM | 57.0 | 60.2 | -3.2 | 7.0 | - | 53.0 | 58.1 | -5.1 |
| 03:55 AM - 04:00 AM | 57.0 | 59.7 | -2.7 | 7.0 | - | 53.0 | 57.6 | -4.6 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673482-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-13
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

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 | | |
| 04:00 AM - 04:05 AM | 57.9 | 58.0 | -0.1 | 7.0 | - | 53.9 | 49.6 | 4.3 |
| 04:05 AM - 04:10 AM | 57.1 | 57.8 | -0.7 | 7.0 | - | 53.1 | 50.7 | 2.4 |
| 04:10 AM - 04:15 AM | 56.6 | 57.8 | -1.2 | 7.0 | - | 52.6 | 45.9 | 6.7 |
| 04:15 AM - 04:20 AM | 54.0 | 55.8 | -1.8 | 7.0 | - | 50.0 | 43.3 | 6.7 |
| 04:20 AM - 04:25 AM | 48.6 | 56.8 | -8.2 | 7.0 | - | 44.6 | 50.2 | -5.6 |
| 04:25 AM - 04:30 AM | 45.1 | 56.3 | -11.2 | 7.0 | - | 41.1 | 50.0 | -8.9 |
| 04:30 AM - 04:35 AM | 46.4 | 55.9 | -9.5 | 7.0 | - | 42.4 | 47.9 | -5.5 |
| 04:35 AM - 04:40 AM | 45.2 | 54.1 | -8.9 | 7.0 | - | 41.2 | 40.1 | 1.1 |
| 04:40 AM - 04:45 AM | 44.5 | 51.6 | -7.1 | 7.0 | - | 40.5 | 38.7 | 1.8 |
| 04:45 AM - 04:50 AM | 46.2 | 43.6 | 2.6 | 3.0 | - | 46.2 | 36.4 | 9.8 |
| 04:50 AM - 04:55 AM | 47.7 | 43.9 | 3.8 | 2.0 | - | 48.7 | 36.2 | 12.5 |
| 04:55 AM - 05:00 AM | 47.3 | 43.2 | 4.1 | 2.0 | - | 48.3 | 37.1 | 11.2 |
| 05:00 AM - 05:05 AM | 50.9 | 40.6 | 10.3 | 0.5 | - | 53.4 | 37.9 | 15.5 |
| 05:05 AM - 05:10 AM | 51.7 | 42.6 | 9.1 | 0.5 | - | 54.2 | 39.3 | 14.9 |
| 05:10 AM - 05:15 AM | 51.7 | 44.3 | 7.4 | 1.0 | - | 53.7 | 40.1 | 13.6 |
| 05:15 AM - 05:20 AM | 49.4 | 48.9 | 0.5 | 7.0 | - | 45.4 | 40.2 | 5.2 |
| 05:20 AM - 05:25 AM | 51.1 | 49.3 | 1.8 | 4.5 | - | 49.6 | 41.4 | 8.2 |
| 05:25 AM - 05:30 AM | 49.5 | 51.3 | -1.8 | 7.0 | - | 45.5 | 46.7 | -1.2 |
| 05:30 AM - 05:35 AM | 50.7 | 52.3 | -1.6 | 7.0 | - | 46.7 | 47.1 | -0.4 |
| 05:35 AM - 05:40 AM | 50.6 | 49.4 | 1.2 | 7.0 | - | 46.6 | 42.6 | 4.0 |
| 05:40 AM - 05:45 AM | 50.9 | 48.0 | 2.9 | 3.0 | - | 50.9 | 42.8 | 8.1 |
| 05:45 AM - 05:50 AM | 48.0 | 50.5 | -2.5 | 7.0 | - | 44.0 | 43.1 | 0.9 |
| 05:50 AM - 05:55 AM | 49.9 | 48.5 | 1.4 | 7.0 | - | 45.9 | 44.1 | 1.8 |
| 05:55 AM - 06:00 AM | 49.8 | 47.0 | 2.8 | 3.0 | - | 49.8 | 44.1 | 5.7 |
| 06:00 AM - 07:00 AM | 53.7 | 48.1 | 5.6 | 1.5 | 52.2 | - | 43.4 | 8.8 |
| 07:00 AM - 08:00 AM | 52.8 | 51.2 | 1.6 | 4.5 | 48.3 | - | 44.5 | 3.8 |
| 08:00 AM - 09:00 AM | 49.2 | 49.8 | -0.6 | 7.0 | 42.2 | - | 43.3 | -1.1 |
| 09:00 AM - 10:00 AM | 51.7 | 49.0 | 2.7 | 3.0 | 48.7 | - | 43.2 | 5.5 |
| 10:00 AM - 11:00 AM | 48.4 | 46.5 | 1.9 | 4.5 | 43.9 | - | 43.3 | 0.6 |
| 11:00 AM - 12:00 PM | 49.9 | 47.4 | 2.5 | 3.0 | 46.9 | - | 44.3 | 2.6 |
| 12:00 PM - 01:00 PM | 48.3 | 47.6 | 0.7 | 7.0 | 41.3 | - | 43.7 | -2.4 |
| 01:00 PM - 02:00 PM | 50.9 | 48.8 | 2.1 | 4.5 | 46.4 | - | 45.4 | 1.0 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-13 วันที่ตรวจวัด 28-29 พฤษภาคม 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673483-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-14
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (B) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|----------------|--------------------------------|-----------------|------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 02:00 PM - 03:00 PM | 56.0 | 53.2 | 2.8 | 3.0 | 53.0 | - | 48.1 | 4.9 |
| 03:00 PM - 04:00 PM | 56.3 | 53.7 | 2.6 | 3.0 | 53.3 | - | 48.1 | 5.2 |
| 04:00 PM - 05:00 PM | 52.3 | 53.6 | -1.3 | 7.0 | 45.3 | - | 45.7 | -0.4 |
| 05:00 PM - 06:00 PM | 51.7 | 49.4 | 2.3 | 4.5 | 47.2 | - | 44.4 | 2.8 |
| 06:00 PM - 07:00 PM | 51.3 | 47.9 | 3.4 | 3.0 | 48.3 | - | 44.4 | 3.9 |
| 07:00 PM - 08:00 PM | 50.3 | 48.5 | 1.8 | 4.5 | 45.8 | - | 44.8 | 1.0 |
| 08:00 PM - 09:00 PM | 49.3 | 47.2 | 2.1 | 4.5 | 44.8 | - | 44.8 | 0.0 |
| 09:00 PM - 10:00 PM | 50.9 | 47.0 | 3.9 | 2.0 | 48.9 | - | 44.0 | 4.9 |
| 10:00 PM - 10:05 PM | 47.1 | 45.9 | 1.2 | 7.0 | - | 43.1 | 44.0 | -0.9 |
| 10:05 PM - 10:10 PM | 48.3 | 45.4 | 2.9 | 3.0 | - | 48.3 | 43.8 | 4.5 |
| 10:10 PM - 10:15 PM | 48.0 | 55.1 | -7.1 | 7.0 | - | 44.0 | 42.8 | 1.2 |
| 10:15 PM - 10:20 PM | 47.9 | 49.5 | -1.6 | 7.0 | - | 43.9 | 43.9 | 0.0 |
| 10:20 PM - 10:25 PM | 51.9 | 46.5 | 5.4 | 1.5 | - | 53.4 | 43.6 | 9.8 |
| 10:25 PM - 10:30 PM | 47.0 | 45.9 | 1.1 | 7.0 | - | 43.0 | 43.3 | -0.3 |
| 10:30 PM - 10:35 PM | 47.2 | 45.0 | 2.2 | 4.5 | - | 45.7 | 43.2 | 2.5 |
| 10:35 PM - 10:40 PM | 48.4 | 45.7 | 2.7 | 3.0 | - | 48.4 | 43.3 | 5.1 |
| 10:40 PM - 10:45 PM | 49.1 | 47.1 | 2.0 | 4.5 | - | 47.6 | 43.5 | 4.1 |
| 10:45 PM - 10:50 PM | 47.6 | 46.4 | 1.2 | 7.0 | - | 43.6 | 43.4 | 0.2 |
| 10:50 PM - 10:55 PM | 50.7 | 45.8 | 4.9 | 1.5 | - | 52.2 | 43.4 | 8.8 |
| 10:55 PM - 11:00 PM | 54.7 | 45.7 | 9.0 | 0.5 | - | 57.2 | 43.1 | 14.1 |
| 11:00 PM - 11:05 PM | 48.9 | 47.0 | 1.9 | 4.5 | - | 47.4 | 43.6 | 3.8 |
| 11:05 PM - 11:10 PM | 49.5 | 45.0 | 4.5 | 1.5 | - | 51.0 | 43.3 | 7.7 |
| 11:10 PM - 11:15 PM | 47.6 | 48.0 | -0.4 | 7.0 | - | 43.6 | 44.6 | -1.0 |
| 11:15 PM - 11:20 PM | 47.6 | 51.5 | -3.9 | 7.0 | - | 43.6 | 43.5 | 0.1 |
| 11:20 PM - 11:25 PM | 47.6 | 46.0 | 1.6 | 4.5 | - | 46.1 | 42.4 | 3.7 |
| 11:25 PM - 11:30 PM | 51.5 | 46.6 | 4.9 | 1.5 | - | 53.0 | 42.0 | 11.0 |
| 11:30 PM - 11:35 PM | 49.3 | 44.4 | 4.9 | 1.5 | - | 50.8 | 41.6 | 9.2 |
| 11:35 PM - 11:40 PM | 50.3 | 43.4 | 6.9 | 1.0 | - | 52.3 | 41.5 | 10.8 |
| 11:40 PM - 11:45 PM | 47.7 | 44.5 | 3.2 | 3.0 | - | 47.7 | 41.8 | 5.9 |
| 11:45 PM - 11:50 PM | 45.2 | 43.9 | 1.3 | 7.0 | - | 41.2 | 42.2 | -1.0 |
| 11:50 PM - 11:55 PM | 46.3 | 47.5 | -1.2 | 7.0 | - | 42.3 | 42.9 | -0.6 |
| 11:55 PM - 12:00 AM | 48.1 | 44.6 | 3.5 | 2.0 | - | 49.1 | 42.2 | 6.9 |
| 12:00 AM - 12:05 AM | 48.9 | 47.4 | 1.5 | 4.5 | - | 47.4 | 43.0 | 4.4 |
| 12:05 AM - 12:10 AM | 46.3 | 44.0 | 2.3 | 4.5 | - | 44.8 | 41.1 | 3.7 |
| 12:10 AM - 12:15 AM | 45.5 | 43.1 | 2.4 | 4.5 | - | 44.0 | 41.4 | 2.6 |
| 12:15 AM - 12:20 AM | 47.9 | 43.0 | 4.9 | 1.5 | - | 49.4 | 41.1 | 8.3 |
| 12:20 AM - 12:25 AM | 44.3 | 46.5 | -2.2 | 7.0 | - | 40.3 | 41.3 | -1.0 |
| 12:25 AM - 12:30 AM | 53.6 | 43.4 | 10.2 | 0.5 | - | 56.1 | 41.1 | 15.0 |
| 12:30 AM - 12:35 AM | 44.4 | 42.5 | 1.9 | 4.5 | - | 42.9 | 41.1 | 1.8 |
| 12:35 AM - 12:40 AM | 44.3 | 44.4 | -0.1 | 7.0 | - | 40.3 | 40.8 | -0.5 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673483-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-14
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:40 AM - 12:45 AM | 47.3 | 43.2 | 4.1 | 2.0 | - | 48.3 | 41.1 | 7.2 |
| 12:45 AM - 12:50 AM | 54.9 | 47.2 | 7.7 | 0.5 | - | 57.4 | 40.6 | 16.8 |
| 12:50 AM - 12:55 AM | 45.3 | 44.7 | 0.6 | 7.0 | - | 41.3 | 40.4 | 0.9 |
| 12:55 AM - 01:00 AM | 45.9 | 42.2 | 3.7 | 2.0 | - | 46.9 | 40.6 | 6.3 |
| 01:00 AM - 01:05 AM | 53.1 | 43.1 | 10.0 | 0.5 | - | 55.6 | 39.1 | 16.5 |
| 01:05 AM - 01:10 AM | 45.9 | 48.7 | -2.8 | 7.0 | - | 41.9 | 41.0 | 0.9 |
| 01:10 AM - 01:15 AM | 53.7 | 42.1 | 11.6 | 0.5 | - | 56.2 | 40.0 | 16.2 |
| 01:15 AM - 01:20 AM | 57.6 | 44.5 | 13.1 | 0.0 | - | 60.6 | 41.1 | 19.5 |
| 01:20 AM - 01:25 AM | 55.0 | 49.5 | 5.5 | 1.5 | - | 56.5 | 40.4 | 16.1 |
| 01:25 AM - 01:30 AM | 58.3 | 42.7 | 15.6 | 0.0 | - | 61.3 | 40.0 | 21.3 |
| 01:30 AM - 01:35 AM | 57.8 | 42.1 | 15.7 | 0.0 | - | 60.8 | 38.9 | 21.9 |
| 01:35 AM - 01:40 AM | 62.8 | 52.4 | 10.4 | 0.5 | - | 65.3 | 43.1 | 22.2 |
| 01:40 AM - 01:45 AM | 64.4 | 55.9 | 8.5 | 0.5 | - | 66.9 | 52.0 | 14.9 |
| 01:45 AM - 01:50 AM | 55.7 | 52.2 | 3.5 | 2.0 | - | 56.7 | 50.1 | 6.6 |
| 01:50 AM - 01:55 AM | 61.3 | 55.0 | 6.3 | 1.5 | - | 62.8 | 51.2 | 11.6 |
| 01:55 AM - 02:00 AM | 60.0 | 57.0 | 3.0 | 3.0 | - | 60.0 | 54.6 | 5.4 |
| 02:00 AM - 02:05 AM | 57.2 | 58.9 | -1.7 | 7.0 | - | 53.2 | 52.9 | 0.3 |
| 02:05 AM - 02:10 AM | 60.1 | 57.5 | 2.6 | 3.0 | - | 60.1 | 44.7 | 15.4 |
| 02:10 AM - 02:15 AM | 56.3 | 55.4 | 0.9 | 7.0 | - | 52.3 | 44.6 | 7.7 |
| 02:15 AM - 02:20 AM | 56.1 | 55.7 | 0.4 | 7.0 | - | 52.1 | 46.5 | 5.6 |
| 02:20 AM - 02:25 AM | 56.0 | 54.4 | 1.6 | 4.5 | - | 54.5 | 44.5 | 10.0 |
| 02:25 AM - 02:30 AM | 58.5 | 57.3 | 1.2 | 7.0 | - | 54.5 | 46.0 | 8.5 |
| 02:30 AM - 02:35 AM | 57.2 | 56.4 | 0.8 | 7.0 | - | 53.2 | 43.8 | 9.4 |
| 02:35 AM - 02:40 AM | 54.2 | 54.8 | -0.6 | 7.0 | - | 50.2 | 48.4 | 1.8 |
| 02:40 AM - 02:45 AM | 50.9 | 54.2 | -3.3 | 7.0 | - | 46.9 | 44.5 | 2.4 |
| 02:45 AM - 02:50 AM | 53.2 | 54.8 | -1.6 | 7.0 | - | 49.2 | 42.4 | 6.8 |
| 02:50 AM - 02:55 AM | 52.1 | 54.1 | -2.0 | 7.0 | - | 48.1 | 44.3 | 3.8 |
| 02:55 AM - 03:00 AM | 50.4 | 53.4 | -3.0 | 7.0 | - | 46.4 | 42.9 | 3.5 |
| 03:00 AM - 03:05 AM | 52.9 | 50.2 | 2.7 | 3.0 | - | 52.9 | 40.0 | 12.9 |
| 03:05 AM - 03:10 AM | 52.8 | 51.8 | 1.0 | 7.0 | - | 48.8 | 40.5 | 8.3 |
| 03:10 AM - 03:15 AM | 50.6 | 48.8 | 1.8 | 4.5 | - | 49.1 | 39.7 | 9.4 |
| 03:15 AM - 03:20 AM | 50.4 | 51.8 | -1.4 | 7.0 | - | 46.4 | 40.7 | 5.7 |
| 03:20 AM - 03:25 AM | 51.4 | 50.2 | 1.2 | 7.0 | - | 47.4 | 41.1 | 6.3 |
| 03:25 AM - 03:30 AM | 53.5 | 50.3 | 3.2 | 3.0 | - | 53.5 | 41.8 | 11.7 |
| 03:30 AM - 03:35 AM | 49.7 | 50.9 | -1.2 | 7.0 | - | 45.7 | 42.4 | 3.3 |
| 03:35 AM - 03:40 AM | 49.0 | 50.5 | -1.5 | 7.0 | - | 45.0 | 40.0 | 5.0 |
| 03:40 AM - 03:45 AM | 52.9 | 50.0 | 2.9 | 3.0 | - | 52.9 | 39.2 | 13.7 |
| 03:45 AM - 03:50 AM | 49.2 | 52.1 | -2.9 | 7.0 | - | 45.2 | 39.8 | 5.4 |
| 03:50 AM - 03:55 AM | 48.7 | 50.7 | -2.0 | 7.0 | - | 44.7 | 39.9 | 4.8 |
| 03:55 AM - 04:00 AM | 49.1 | 50.2 | -1.1 | 7.0 | - | 45.1 | 39.7 | 5.4 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673483-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-14
Parameter เสียงรบกวน
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731317, 1447470)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 01222723

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 | | |
| 04:00 AM - 04:05 AM | 50.0 | 50.4 | -0.4 | 7.0 | - | 46.0 | 39.8 | 6.2 |
| 04:05 AM - 04:10 AM | 48.6 | 51.3 | -2.7 | 7.0 | - | 44.6 | 40.0 | 4.6 |
| 04:10 AM - 04:15 AM | 47.4 | 49.3 | -1.9 | 7.0 | - | 43.4 | 40.4 | 3.0 |
| 04:15 AM - 04:20 AM | 48.6 | 50.4 | -1.8 | 7.0 | - | 44.6 | 41.4 | 3.2 |
| 04:20 AM - 04:25 AM | 49.7 | 49.2 | 0.5 | 7.0 | - | 45.7 | 40.7 | 5.0 |
| 04:25 AM - 04:30 AM | 46.2 | 49.0 | -2.8 | 7.0 | - | 42.2 | 41.6 | 0.6 |
| 04:30 AM - 04:35 AM | 45.7 | 44.9 | 0.8 | 7.0 | - | 41.7 | 41.6 | 0.1 |
| 04:35 AM - 04:40 AM | 44.5 | 46.2 | -1.7 | 7.0 | - | 40.5 | 42.7 | -2.2 |
| 04:40 AM - 04:45 AM | 48.8 | 48.8 | 0.0 | 7.0 | - | 44.8 | 44.7 | 0.1 |
| 04:45 AM - 04:50 AM | 47.6 | 45.8 | 1.8 | 4.5 | - | 46.1 | 43.0 | 3.1 |
| 04:50 AM - 04:55 AM | 48.4 | 43.5 | 4.9 | 1.5 | - | 49.9 | 40.1 | 9.8 |
| 04:55 AM - 05:00 AM | 52.0 | 42.0 | 10.0 | 0.5 | - | 54.5 | 40.1 | 14.4 |
| 05:00 AM - 05:05 AM | 49.7 | 41.9 | 7.8 | 0.5 | - | 52.2 | 39.2 | 13.0 |
| 05:05 AM - 05:10 AM | 52.0 | 45.5 | 6.5 | 1.0 | - | 54.0 | 41.6 | 12.4 |
| 05:10 AM - 05:15 AM | 51.5 | 45.5 | 6.0 | 1.5 | - | 53.0 | 43.1 | 9.9 |
| 05:15 AM - 05:20 AM | 51.7 | 49.0 | 2.7 | 3.0 | - | 51.7 | 45.3 | 6.4 |
| 05:20 AM - 05:25 AM | 49.9 | 53.0 | -3.1 | 7.0 | - | 45.9 | 47.2 | -1.3 |
| 05:25 AM - 05:30 AM | 48.1 | 52.0 | -3.9 | 7.0 | - | 44.1 | 45.5 | -1.4 |
| 05:30 AM - 05:35 AM | 48.9 | 53.1 | -4.2 | 7.0 | - | 44.9 | 47.1 | -2.2 |
| 05:35 AM - 05:40 AM | 49.6 | 49.1 | 0.5 | 7.0 | - | 45.6 | 47.0 | -1.4 |
| 05:40 AM - 05:45 AM | 49.7 | 48.8 | 0.9 | 7.0 | - | 45.7 | 46.1 | -0.4 |
| 05:45 AM - 05:50 AM | 50.8 | 46.9 | 3.9 | 2.0 | - | 51.8 | 44.6 | 7.2 |
| 05:50 AM - 05:55 AM | 49.1 | 45.8 | 3.3 | 3.0 | - | 49.1 | 43.4 | 5.7 |
| 05:55 AM - 06:00 AM | 50.5 | 48.0 | 2.5 | 3.0 | - | 50.5 | 44.9 | 5.6 |
| 06:00 AM - 07:00 AM | 55.4 | 58.5 | -3.1 | 7.0 | 48.4 | - | 44.3 | 4.1 |
| 07:00 AM - 08:00 AM | 57.1 | 55.1 | 2.0 | 4.5 | 52.6 | - | 45.4 | 7.2 |
| 08:00 AM - 09:00 AM | 53.3 | 50.8 | 2.5 | 3.0 | 50.3 | - | 44.8 | 5.5 |
| 09:00 AM - 10:00 AM | 56.7 | 53.4 | 3.3 | 3.0 | 53.7 | - | 44.4 | 9.3 |
| 10:00 AM - 11:00 AM | 51.6 | 50.7 | 0.9 | 7.0 | 44.6 | - | 45.1 | -0.5 |
| 11:00 AM - 12:00 PM | 57.6 | 52.1 | 5.5 | 1.5 | 56.1 | - | 45.5 | 10.6 |
| 12:00 PM - 01:00 PM | 49.8 | 53.1 | -3.3 | 7.0 | 42.8 | - | 42.7 | 0.1 |
| 01:00 PM - 02:00 PM | 53.2 | 50.1 | 3.1 | 3.0 | 50.2 | - | 45.2 | 5.0 |
| ค่ามาตรฐาน | ≤ 10 | | | | | | | |

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-14 วันที่ตรวจวัด 29-30 พฤษภาคม 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.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673484-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-15
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 52.2 | 46.6 | 5.6 | 1.5 | 50.7 | - | 35.3 | 15.4 |
| 01:00 PM - 02:00 PM | 58.7 | 58.8 | -0.1 | 7.0 | 51.7 | - | 46.6 | 5.1 |
| 02:00 PM - 03:00 PM | 53.3 | 48.7 | 4.6 | 1.5 | 51.8 | - | 40.5 | 11.3 |
| 03:00 PM - 04:00 PM | 50.6 | 46.1 | 4.5 | 1.5 | 49.1 | - | 37.1 | 12.0 |
| 04:00 PM - 05:00 PM | 47.4 | 43.8 | 3.6 | 2.0 | 45.4 | - | 35.8 | 9.6 |
| 05:00 PM - 06:00 PM | 55.2 | 46.9 | 8.3 | 0.5 | 54.7 | - | 37.4 | 17.3 |
| 06:00 PM - 07:00 PM | 58.0 | 50.2 | 7.8 | 0.5 | 57.5 | - | 40.0 | 17.5 |
| 07:00 PM - 08:00 PM | 54.1 | 48.7 | 5.4 | 1.5 | 52.6 | - | 40.7 | 11.9 |
| 08:00 PM - 09:00 PM | 54.0 | 48.2 | 5.8 | 1.5 | 52.5 | - | 45.7 | 6.8 |
| 09:00 PM - 10:00 PM | 52.2 | 48.0 | 4.2 | 2.0 | 50.2 | - | 45.6 | 4.6 |
| 10:00 PM - 10:05 PM | 51.8 | 48.3 | 3.5 | 2.0 | - | 52.8 | 45.3 | 7.5 |
| 10:05 PM - 10:10 PM | 51.9 | 47.5 | 4.4 | 2.0 | - | 52.9 | 45.2 | 7.7 |
| 10:10 PM - 10:15 PM | 50.7 | 48.1 | 2.6 | 3.0 | - | 50.7 | 45.7 | 5.0 |
| 10:15 PM - 10:20 PM | 50.8 | 48.7 | 2.1 | 4.5 | - | 49.3 | 45.5 | 3.8 |
| 10:20 PM - 10:25 PM | 52.1 | 49.2 | 2.9 | 3.0 | - | 52.1 | 45.9 | 6.2 |
| 10:25 PM - 10:30 PM | 50.9 | 48.5 | 2.4 | 4.5 | - | 49.4 | 45.1 | 4.3 |
| 10:30 PM - 10:35 PM | 49.6 | 47.7 | 1.9 | 4.5 | - | 48.1 | 45.1 | 3.0 |
| 10:35 PM - 10:40 PM | 50.7 | 48.2 | 2.5 | 3.0 | - | 50.7 | 45.5 | 5.2 |
| 10:40 PM - 10:45 PM | 50.8 | 49.2 | 1.6 | 4.5 | - | 49.3 | 45.5 | 3.8 |
| 10:45 PM - 10:50 PM | 50.1 | 49.7 | 0.4 | 7.0 | - | 46.1 | 46.5 | -0.4 |
| 10:50 PM - 10:55 PM | 54.2 | 48.7 | 5.5 | 1.5 | - | 55.7 | 45.5 | 10.2 |
| 10:55 PM - 11:00 PM | 54.4 | 48.8 | 5.6 | 1.5 | - | 55.9 | 45.8 | 10.1 |
| 11:00 PM - 11:05 PM | 53.8 | 51.9 | 1.9 | 4.5 | - | 52.3 | 45.3 | 7.0 |
| 11:05 PM - 11:10 PM | 53.3 | 48.9 | 4.4 | 2.0 | - | 54.3 | 45.2 | 9.1 |
| 11:10 PM - 11:15 PM | 53.0 | 49.4 | 3.6 | 2.0 | - | 54.0 | 45.6 | 8.4 |
| 11:15 PM - 11:20 PM | 53.4 | 50.2 | 3.2 | 3.0 | - | 53.4 | 47.0 | 6.4 |
| 11:20 PM - 11:25 PM | 53.9 | 50.3 | 3.6 | 2.0 | - | 54.9 | 47.4 | 7.5 |
| 11:25 PM - 11:30 PM | 49.3 | 49.7 | -0.4 | 7.0 | - | 45.3 | 46.0 | -0.7 |
| 11:30 PM - 11:35 PM | 48.4 | 49.4 | -1.0 | 7.0 | - | 44.4 | 46.5 | -2.1 |
| 11:35 PM - 11:40 PM | 50.6 | 49.1 | 1.5 | 4.5 | - | 49.1 | 45.4 | 3.7 |
| 11:40 PM - 11:45 PM | 51.3 | 49.1 | 2.2 | 4.5 | - | 49.8 | 45.4 | 4.4 |
| 11:45 PM - 11:50 PM | 50.1 | 51.2 | -1.1 | 7.0 | - | 46.1 | 47.8 | -1.7 |
| 11:50 PM - 11:55 PM | 50.3 | 48.7 | 1.6 | 4.5 | - | 48.8 | 44.0 | 4.8 |
| 11:55 PM - 12:00 AM | 49.5 | 46.6 | 2.9 | 3.0 | - | 49.5 | 44.2 | 5.3 |
| 12:00 AM - 12:05 AM | 48.0 | 44.6 | 3.4 | 3.0 | - | 48.0 | 43.6 | 4.4 |
| 12:05 AM - 12:10 AM | 46.5 | 44.0 | 2.5 | 3.0 | - | 46.5 | 42.9 | 3.6 |
| 12:10 AM - 12:15 AM | 46.4 | 44.3 | 2.1 | 4.5 | - | 44.9 | 43.0 | 1.9 |
| 12:15 AM - 12:20 AM | 48.9 | 44.5 | 4.4 | 2.0 | - | 49.9 | 43.2 | 6.7 |
| 12:20 AM - 12:25 AM | 46.8 | 42.9 | 3.9 | 2.0 | - | 47.8 | 42.4 | 5.4 |
| 12:25 AM - 12:30 AM | 46.1 | 42.9 | 3.2 | 3.0 | - | 46.1 | 42.2 | 3.9 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673484-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-15
Parameter เสียงรบกวน
Location บริเวณประตูจอดรถยนต์ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

| ระดับเสียง (dB(A)) | | | | | | | | |
|---------------------|----------------------------|------------------------------|---------------------------|-------------------|-----------------------------------|--------------------|---------------------|---------------------------|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:30 AM - 12:35 AM | 45.4 | 42.8 | 2.6 | 3.0 | - | 45.4 | 42.0 | 3.4 |
| 12:35 AM - 12:40 AM | 46.4 | 43.7 | 2.7 | 3.0 | - | 46.4 | 41.8 | 4.6 |
| 12:40 AM - 12:45 AM | 52.5 | 43.0 | 9.5 | 0.5 | - | 55.0 | 41.8 | 13.2 |
| 12:45 AM - 12:50 AM | 51.4 | 42.7 | 8.7 | 0.5 | - | 53.9 | 41.9 | 12.0 |
| 12:50 AM - 12:55 AM | 48.3 | 43.3 | 5.0 | 1.5 | - | 49.8 | 42.3 | 7.5 |
| 12:55 AM - 01:00 AM | 46.7 | 42.5 | 4.2 | 2.0 | - | 47.7 | 41.7 | 6.0 |
| 01:00 AM - 01:05 AM | 47.4 | 42.3 | 5.1 | 1.5 | - | 48.9 | 41.5 | 7.4 |
| 01:05 AM - 01:10 AM | 49.4 | 43.3 | 6.1 | 1.5 | - | 50.9 | 42.0 | 8.9 |
| 01:10 AM - 01:15 AM | 48.5 | 42.9 | 5.6 | 1.5 | - | 50.0 | 41.8 | 8.2 |
| 01:15 AM - 01:20 AM | 47.1 | 42.6 | 4.5 | 1.5 | - | 48.6 | 41.6 | 7.0 |
| 01:20 AM - 01:25 AM | 48.7 | 42.8 | 5.9 | 1.5 | - | 50.2 | 41.8 | 8.4 |
| 01:25 AM - 01:30 AM | 48.7 | 42.4 | 6.3 | 1.5 | - | 50.2 | 41.4 | 8.8 |
| 01:30 AM - 01:35 AM | 49.9 | 42.1 | 7.8 | 0.5 | - | 52.4 | 40.8 | 11.6 |
| 01:35 AM - 01:40 AM | 45.4 | 42.7 | 2.7 | 3.0 | - | 45.4 | 41.1 | 4.3 |
| 01:40 AM - 01:45 AM | 51.5 | 42.6 | 8.9 | 0.5 | - | 54.0 | 41.0 | 13.0 |
| 01:45 AM - 01:50 AM | 48.7 | 43.7 | 5.0 | 1.5 | - | 50.2 | 41.6 | 8.6 |
| 01:50 AM - 01:55 AM | 46.8 | 43.6 | 3.2 | 3.0 | - | 46.8 | 41.9 | 4.9 |
| 01:55 AM - 02:00 AM | 48.2 | 43.8 | 4.4 | 2.0 | - | 49.2 | 41.8 | 7.4 |
| 02:00 AM - 02:05 AM | 46.6 | 43.6 | 3.0 | 3.0 | - | 46.6 | 42.3 | 4.3 |
| 02:05 AM - 02:10 AM | 50.0 | 45.5 | 4.5 | 1.5 | - | 51.5 | 42.6 | 8.9 |
| 02:10 AM - 02:15 AM | 48.2 | 43.7 | 4.5 | 1.5 | - | 49.7 | 41.8 | 7.9 |
| 02:15 AM - 02:20 AM | 49.6 | 43.9 | 5.7 | 1.5 | - | 51.1 | 42.3 | 8.8 |
| 02:20 AM - 02:25 AM | 48.2 | 43.4 | 4.8 | 1.5 | - | 49.7 | 41.4 | 8.3 |
| 02:25 AM - 02:30 AM | 47.7 | 43.2 | 4.5 | 1.5 | - | 49.2 | 41.3 | 7.9 |
| 02:30 AM - 02:35 AM | 47.3 | 42.9 | 4.4 | 2.0 | - | 48.3 | 41.3 | 7.0 |
| 02:35 AM - 02:40 AM | 50.0 | 43.7 | 6.3 | 1.5 | - | 51.5 | 41.3 | 10.2 |
| 02:40 AM - 02:45 AM | 51.7 | 43.6 | 8.1 | 0.5 | - | 54.2 | 41.6 | 12.6 |
| 02:45 AM - 02:50 AM | 50.2 | 44.5 | 5.7 | 1.5 | - | 51.7 | 41.3 | 10.4 |
| 02:50 AM - 02:55 AM | 50.3 | 44.8 | 5.5 | 1.5 | - | 51.8 | 41.7 | 10.1 |
| 02:55 AM - 03:00 AM | 49.7 | 42.4 | 7.3 | 1.0 | - | 51.7 | 40.5 | 11.2 |
| 03:00 AM - 03:05 AM | 49.3 | 44.8 | 4.5 | 1.5 | - | 50.8 | 39.8 | 11.0 |
| 03:05 AM - 03:10 AM | 47.5 | 42.4 | 5.1 | 1.5 | - | 49.0 | 40.0 | 9.0 |
| 03:10 AM - 03:15 AM | 46.6 | 42.6 | 4.0 | 2.0 | - | 47.6 | 40.4 | 7.2 |
| 03:15 AM - 03:20 AM | 51.4 | 44.1 | 7.3 | 1.0 | - | 53.4 | 42.2 | 11.2 |
| 03:20 AM - 03:25 AM | 47.4 | 42.7 | 4.7 | 1.5 | - | 48.9 | 40.6 | 8.3 |
| 03:25 AM - 03:30 AM | 51.5 | 43.9 | 7.6 | 0.5 | - | 54.0 | 41.1 | 12.9 |
| 03:30 AM - 03:35 AM | 51.6 | 43.1 | 8.5 | 0.5 | - | 54.1 | 41.1 | 13.0 |
| 03:35 AM - 03:40 AM | 50.2 | 43.0 | 7.2 | 1.0 | - | 52.2 | 40.5 | 11.7 |
| 03:40 AM - 03:45 AM | 45.9 | 43.1 | 2.8 | 3.0 | - | 45.9 | 40.9 | 5.0 |
| 03:45 AM - 03:50 AM | 53.0 | 47.1 | 5.9 | 1.5 | - | 54.5 | 41.7 | 12.8 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673484-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-15
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท รีโอพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 03:50 AM - 03:55 AM | 54.2 | 47.8 | 6.4 | 1.5 | - | 55.7 | 41.6 | 14.1 |
| 03:55 AM - 04:00 AM | 54.6 | 49.2 | 5.4 | 1.5 | - | 56.1 | 44.2 | 11.9 |
| 04:00 AM - 04:05 AM | 55.9 | 49.6 | 6.3 | 1.5 | - | 57.4 | 44.3 | 13.1 |
| 04:05 AM - 04:10 AM | 56.8 | 51.1 | 5.7 | 1.5 | - | 58.3 | 47.5 | 10.8 |
| 04:10 AM - 04:15 AM | 57.6 | 52.1 | 5.5 | 1.5 | - | 59.1 | 48.2 | 10.9 |
| 04:15 AM - 04:20 AM | 57.6 | 50.9 | 6.7 | 1.0 | - | 59.6 | 46.4 | 13.2 |
| 04:20 AM - 04:25 AM | 57.5 | 50.4 | 7.1 | 1.0 | - | 59.5 | 47.2 | 12.3 |
| 04:25 AM - 04:30 AM | 57.8 | 49.4 | 8.4 | 0.5 | - | 60.3 | 46.5 | 13.8 |
| 04:30 AM - 04:35 AM | 57.7 | 49.1 | 8.6 | 0.5 | - | 60.2 | 45.8 | 14.4 |
| 04:35 AM - 04:40 AM | 57.4 | 49.1 | 8.3 | 0.5 | - | 59.9 | 44.8 | 15.1 |
| 04:40 AM - 04:45 AM | 53.8 | 45.6 | 8.2 | 0.5 | - | 56.3 | 41.6 | 14.7 |
| 04:45 AM - 04:50 AM | 52.4 | 46.4 | 6.0 | 1.5 | - | 53.9 | 41.9 | 12.0 |
| 04:50 AM - 04:55 AM | 52.2 | 46.9 | 5.3 | 1.5 | - | 53.7 | 41.5 | 12.2 |
| 04:55 AM - 05:00 AM | 52.8 | 45.9 | 6.9 | 1.0 | - | 54.8 | 41.5 | 13.3 |
| 05:00 AM - 05:05 AM | 51.6 | 44.4 | 7.2 | 1.0 | - | 53.6 | 40.5 | 13.1 |
| 05:05 AM - 05:10 AM | 52.1 | 43.8 | 8.3 | 0.5 | - | 54.6 | 40.4 | 14.2 |
| 05:10 AM - 05:15 AM | 51.1 | 44.1 | 7.0 | 1.0 | - | 53.1 | 40.8 | 12.3 |
| 05:15 AM - 05:20 AM | 49.7 | 42.1 | 7.6 | 0.5 | - | 52.2 | 39.9 | 12.3 |
| 05:20 AM - 05:25 AM | 49.4 | 42.7 | 6.7 | 1.0 | - | 51.4 | 40.6 | 10.8 |
| 05:25 AM - 05:30 AM | 48.4 | 42.6 | 5.8 | 1.5 | - | 49.9 | 40.7 | 9.2 |
| 05:30 AM - 05:35 AM | 48.6 | 42.8 | 5.8 | 1.5 | - | 50.1 | 41.4 | 8.7 |
| 05:35 AM - 05:40 AM | 49.3 | 42.9 | 6.4 | 1.5 | - | 50.8 | 41.8 | 9.0 |
| 05:40 AM - 05:45 AM | 49.3 | 42.9 | 6.4 | 1.5 | - | 50.8 | 41.9 | 8.9 |
| 05:45 AM - 05:50 AM | 47.8 | 42.8 | 5.0 | 1.5 | - | 49.3 | 41.7 | 7.6 |
| 05:50 AM - 05:55 AM | 49.5 | 46.5 | 3.0 | 3.0 | - | 49.5 | 41.5 | 8.0 |
| 05:55 AM - 06:00 AM | 49.6 | 42.8 | 6.8 | 1.0 | - | 51.6 | 40.8 | 10.8 |
| 06:00 AM - 07:00 AM | 59.5 | 48.8 | 10.7 | 0.5 | 59.0 | - | 43.4 | 15.6 |
| 07:00 AM - 08:00 AM | 52.2 | 49.3 | 2.9 | 3.0 | 49.2 | - | 43.4 | 5.8 |
| 08:00 AM - 09:00 AM | 53.9 | 49.5 | 4.4 | 2.0 | 51.9 | - | 40.3 | 11.6 |
| 09:00 AM - 10:00 AM | 52.2 | 49.7 | 2.5 | 3.0 | 49.2 | - | 36.5 | 12.7 |
| 10:00 AM - 11:00 AM | 52.1 | 48.3 | 3.8 | 2.0 | 50.1 | - | 35.1 | 15.0 |
| 11:00 AM - 12:00 PM | 52.6 | 48.8 | 3.8 | 2.0 | 50.6 | - | 35.6 | 15.0 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 23-24 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-15 วันที่ตรวจวัด 23-24 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673485-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-16
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 51.2 | 48.3 | 2.9 | 3.0 | 48.2 | - | 35.7 | 12.5 |
| 01:00 PM - 02:00 PM | 50.7 | 45.5 | 5.2 | 1.5 | 49.2 | - | 35.2 | 14.0 |
| 02:00 PM - 03:00 PM | 52.2 | 49.9 | 2.3 | 4.5 | 47.7 | - | 39.5 | 8.2 |
| 03:00 PM - 04:00 PM | 49.3 | 46.0 | 3.3 | 3.0 | 46.3 | - | 37.0 | 9.3 |
| 04:00 PM - 05:00 PM | 49.8 | 46.7 | 3.1 | 3.0 | 46.8 | - | 37.3 | 9.5 |
| 05:00 PM - 06:00 PM | 48.6 | 44.8 | 3.8 | 2.0 | 46.6 | - | 37.4 | 9.2 |
| 06:00 PM - 07:00 PM | 53.7 | 47.8 | 5.9 | 1.5 | 52.2 | - | 40.7 | 11.5 |
| 07:00 PM - 08:00 PM | 52.6 | 47.5 | 5.1 | 1.5 | 51.1 | - | 41.1 | 10.0 |
| 08:00 PM - 09:00 PM | 57.6 | 51.4 | 6.2 | 1.5 | 56.1 | - | 46.9 | 9.2 |
| 09:00 PM - 10:00 PM | 55.8 | 49.0 | 6.8 | 1.0 | 54.8 | - | 46.7 | 8.1 |
| 10:00 PM - 10:05 PM | 51.2 | 47.0 | 4.2 | 2.0 | - | 52.2 | 45.0 | 7.2 |
| 10:05 PM - 10:10 PM | 51.2 | 45.3 | 5.9 | 1.5 | - | 52.7 | 44.3 | 8.4 |
| 10:10 PM - 10:15 PM | 50.2 | 45.2 | 5.0 | 1.5 | - | 51.7 | 44.0 | 7.7 |
| 10:15 PM - 10:20 PM | 47.8 | 44.7 | 3.1 | 3.0 | - | 47.8 | 43.4 | 4.4 |
| 10:20 PM - 10:25 PM | 48.3 | 44.7 | 3.6 | 2.0 | - | 49.3 | 43.5 | 5.8 |
| 10:25 PM - 10:30 PM | 49.2 | 46.1 | 3.1 | 3.0 | - | 49.2 | 45.0 | 4.2 |
| 10:30 PM - 10:35 PM | 49.4 | 46.4 | 3.0 | 3.0 | - | 49.4 | 45.3 | 4.1 |
| 10:35 PM - 10:40 PM | 49.1 | 46.2 | 2.9 | 3.0 | - | 49.1 | 45.4 | 3.7 |
| 10:40 PM - 10:45 PM | 49.5 | 45.7 | 3.8 | 2.0 | - | 50.5 | 44.6 | 5.9 |
| 10:45 PM - 10:50 PM | 49.2 | 46.2 | 3.0 | 3.0 | - | 49.2 | 45.0 | 4.2 |
| 10:50 PM - 10:55 PM | 49.6 | 47.0 | 2.6 | 3.0 | - | 49.6 | 45.3 | 4.3 |
| 10:55 PM - 11:00 PM | 49.5 | 45.7 | 3.8 | 2.0 | - | 50.5 | 44.8 | 5.7 |
| 11:00 PM - 11:05 PM | 49.2 | 46.7 | 2.5 | 3.0 | - | 49.2 | 45.0 | 4.2 |
| 11:05 PM - 11:10 PM | 48.7 | 48.4 | 0.3 | 7.0 | - | 44.7 | 44.6 | 0.1 |
| 11:10 PM - 11:15 PM | 49.7 | 47.5 | 2.2 | 4.5 | - | 48.2 | 44.0 | 4.2 |
| 11:15 PM - 11:20 PM | 50.1 | 47.0 | 3.1 | 3.0 | - | 50.1 | 44.6 | 5.5 |
| 11:20 PM - 11:25 PM | 50.6 | 48.3 | 2.3 | 4.5 | - | 49.1 | 44.5 | 4.6 |
| 11:25 PM - 11:30 PM | 50.3 | 49.1 | 1.2 | 7.0 | - | 46.3 | 45.4 | 0.9 |
| 11:30 PM - 11:35 PM | 53.4 | 51.0 | 2.4 | 4.5 | - | 51.9 | 45.2 | 6.7 |
| 11:35 PM - 11:40 PM | 52.7 | 48.7 | 4.0 | 2.0 | - | 53.7 | 45.2 | 8.5 |
| 11:40 PM - 11:45 PM | 52.7 | 45.3 | 7.4 | 1.0 | - | 54.7 | 44.2 | 10.5 |
| 11:45 PM - 11:50 PM | 51.6 | 44.5 | 7.1 | 1.0 | - | 53.6 | 43.4 | 10.2 |
| 11:50 PM - 11:55 PM | 51.5 | 45.6 | 5.9 | 1.5 | - | 53.0 | 44.5 | 8.5 |
| 11:55 PM - 12:00 AM | 51.0 | 44.8 | 6.2 | 1.5 | - | 52.5 | 43.7 | 8.8 |
| 12:00 AM - 12:05 AM | 52.2 | 45.3 | 6.9 | 1.0 | - | 54.2 | 44.0 | 10.2 |
| 12:05 AM - 12:10 AM | 51.6 | 44.6 | 7.0 | 1.0 | - | 53.6 | 43.8 | 9.8 |
| 12:10 AM - 12:15 AM | 47.9 | 45.0 | 2.9 | 3.0 | - | 47.9 | 44.1 | 3.8 |
| 12:15 AM - 12:20 AM | 48.1 | 45.1 | 3.0 | 3.0 | - | 48.1 | 44.4 | 3.7 |
| 12:20 AM - 12:25 AM | 49.5 | 45.2 | 4.3 | 2.0 | - | 50.5 | 44.3 | 6.2 |
| 12:25 AM - 12:30 AM | 48.9 | 44.9 | 4.0 | 2.0 | - | 49.9 | 44.0 | 5.9 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673485-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-16
Parameter เสียงรบกวน
Location บริเวณประตูจอดรถยนต์ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

| ระดับเสียง (dB(A)) | | | | | | | | |
|---------------------|---------------------|-----------------------|------------------|------------|----------------------------|-----------------|--------------|------------------|
| เวลา | (A) | (B) | (A-B) | (C) | (B) | | (E) | (B-E) |
| | เสียงจากแหล่งกำเนิด | เสียงขณะไม่มีการรบกวน | ผลต่างระดับเสียง | ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิด | กลางคืน (A-C)+3 | เสียงพื้นฐาน | ค่าระดับการรบกวน |
| 12:30 AM - 12:35 AM | 49.4 | 45.1 | 4.3 | 2.0 | - | 50.4 | 44.1 | 6.3 |
| 12:35 AM - 12:40 AM | 50.9 | 45.8 | 5.1 | 1.5 | - | 52.4 | 44.5 | 7.9 |
| 12:40 AM - 12:45 AM | 50.3 | 46.1 | 4.2 | 2.0 | - | 51.3 | 44.0 | 7.3 |
| 12:45 AM - 12:50 AM | 51.0 | 44.6 | 6.4 | 1.5 | - | 52.5 | 43.5 | 9.0 |
| 12:50 AM - 12:55 AM | 50.9 | 45.5 | 5.4 | 1.5 | - | 52.4 | 44.1 | 8.3 |
| 12:55 AM - 01:00 AM | 52.1 | 46.6 | 5.5 | 1.5 | - | 53.6 | 44.7 | 8.9 |
| 01:00 AM - 01:05 AM | 48.9 | 45.5 | 3.4 | 3.0 | - | 48.9 | 44.5 | 4.4 |
| 01:05 AM - 01:10 AM | 49.6 | 46.2 | 3.4 | 3.0 | - | 49.6 | 44.9 | 4.7 |
| 01:10 AM - 01:15 AM | 50.3 | 46.4 | 3.9 | 2.0 | - | 51.3 | 44.9 | 6.4 |
| 01:15 AM - 01:20 AM | 50.3 | 47.3 | 3.0 | 3.0 | - | 50.3 | 45.4 | 4.9 |
| 01:20 AM - 01:25 AM | 48.8 | 47.0 | 1.8 | 4.5 | - | 47.3 | 45.4 | 1.9 |
| 01:25 AM - 01:30 AM | 49.4 | 47.6 | 1.8 | 4.5 | - | 47.9 | 44.9 | 3.0 |
| 01:30 AM - 01:35 AM | 49.0 | 46.2 | 2.8 | 3.0 | - | 49.0 | 43.9 | 5.1 |
| 01:35 AM - 01:40 AM | 48.1 | 46.4 | 1.7 | 4.5 | - | 46.6 | 44.0 | 2.6 |
| 01:40 AM - 01:45 AM | 49.3 | 46.3 | 3.0 | 3.0 | - | 49.3 | 44.3 | 5.0 |
| 01:45 AM - 01:50 AM | 48.4 | 45.6 | 2.8 | 3.0 | - | 48.4 | 44.4 | 4.0 |
| 01:50 AM - 01:55 AM | 49.3 | 45.5 | 3.8 | 2.0 | - | 50.3 | 43.8 | 6.5 |
| 01:55 AM - 02:00 AM | 51.0 | 45.9 | 5.1 | 1.5 | - | 52.5 | 43.9 | 8.6 |
| 02:00 AM - 02:05 AM | 51.0 | 47.1 | 3.9 | 2.0 | - | 52.0 | 44.9 | 7.1 |
| 02:05 AM - 02:10 AM | 51.1 | 45.8 | 5.3 | 1.5 | - | 52.6 | 44.1 | 8.5 |
| 02:10 AM - 02:15 AM | 51.5 | 47.2 | 4.3 | 2.0 | - | 52.5 | 45.1 | 7.4 |
| 02:15 AM - 02:20 AM | 51.4 | 46.8 | 4.6 | 1.5 | - | 52.9 | 44.4 | 8.5 |
| 02:20 AM - 02:25 AM | 50.9 | 45.7 | 5.2 | 1.5 | - | 52.4 | 43.8 | 8.6 |
| 02:25 AM - 02:30 AM | 50.4 | 46.2 | 4.2 | 2.0 | - | 51.4 | 43.9 | 7.5 |
| 02:30 AM - 02:35 AM | 50.6 | 45.6 | 5.0 | 1.5 | - | 52.1 | 44.4 | 7.7 |
| 02:35 AM - 02:40 AM | 49.5 | 45.8 | 3.7 | 2.0 | - | 50.5 | 44.6 | 5.9 |
| 02:40 AM - 02:45 AM | 50.9 | 46.5 | 4.4 | 2.0 | - | 51.9 | 44.2 | 7.7 |
| 02:45 AM - 02:50 AM | 50.4 | 45.2 | 5.2 | 1.5 | - | 51.9 | 43.8 | 8.1 |
| 02:50 AM - 02:55 AM | 52.0 | 45.7 | 6.3 | 1.5 | - | 53.5 | 44.3 | 9.2 |
| 02:55 AM - 03:00 AM | 50.0 | 44.9 | 5.1 | 1.5 | - | 51.5 | 42.9 | 8.6 |
| 03:00 AM - 03:05 AM | 50.7 | 46.9 | 3.8 | 2.0 | - | 51.7 | 44.2 | 7.5 |
| 03:05 AM - 03:10 AM | 49.8 | 45.3 | 4.5 | 1.5 | - | 51.3 | 43.8 | 7.5 |
| 03:10 AM - 03:15 AM | 49.9 | 45.6 | 4.3 | 2.0 | - | 50.9 | 44.1 | 6.8 |
| 03:15 AM - 03:20 AM | 49.3 | 44.8 | 4.5 | 1.5 | - | 50.8 | 42.7 | 8.1 |
| 03:20 AM - 03:25 AM | 47.0 | 43.3 | 3.7 | 2.0 | - | 48.0 | 41.1 | 6.9 |
| 03:25 AM - 03:30 AM | 47.3 | 42.6 | 4.7 | 1.5 | - | 48.8 | 41.2 | 7.6 |
| 03:30 AM - 03:35 AM | 49.0 | 41.8 | 7.2 | 1.0 | - | 51.0 | 40.9 | 10.1 |
| 03:35 AM - 03:40 AM | 51.4 | 43.3 | 8.1 | 0.5 | - | 53.9 | 42.0 | 11.9 |
| 03:40 AM - 03:45 AM | 49.7 | 43.9 | 5.8 | 1.5 | - | 51.2 | 42.6 | 8.6 |
| 03:45 AM - 03:50 AM | 51.5 | 43.8 | 7.7 | 0.5 | - | 54.0 | 42.4 | 11.6 |

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673485-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-16
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:50 AM - 03:55 AM | 51.7 | 43.4 | 8.3 | 0.5 | - | 54.2 | 42.1 | 12.1 |
| 03:55 AM - 04:00 AM | 51.6 | 43.2 | 8.4 | 0.5 | - | 54.1 | 42.2 | 11.9 |
| 04:00 AM - 04:05 AM | 50.7 | 43.8 | 6.9 | 1.0 | - | 52.7 | 42.3 | 10.4 |
| 04:05 AM - 04:10 AM | 51.4 | 43.4 | 8.0 | 0.5 | - | 53.9 | 42.0 | 11.9 |
| 04:10 AM - 04:15 AM | 51.3 | 42.9 | 8.4 | 0.5 | - | 53.8 | 41.6 | 12.2 |
| 04:15 AM - 04:20 AM | 52.9 | 43.2 | 9.7 | 0.5 | - | 55.4 | 42.0 | 13.4 |
| 04:20 AM - 04:25 AM | 50.6 | 43.2 | 7.4 | 1.0 | - | 52.6 | 42.0 | 10.6 |
| 04:25 AM - 04:30 AM | 50.1 | 43.2 | 6.9 | 1.0 | - | 52.1 | 42.1 | 10.0 |
| 04:30 AM - 04:35 AM | 48.3 | 42.8 | 5.5 | 1.5 | - | 49.8 | 41.6 | 8.2 |
| 04:35 AM - 04:40 AM | 50.3 | 45.4 | 4.9 | 1.5 | - | 51.8 | 42.4 | 9.4 |
| 04:40 AM - 04:45 AM | 51.2 | 46.1 | 5.1 | 1.5 | - | 52.7 | 41.1 | 11.6 |
| 04:45 AM - 04:50 AM | 52.0 | 45.3 | 6.7 | 1.0 | - | 54.0 | 40.7 | 13.3 |
| 04:50 AM - 04:55 AM | 49.8 | 41.6 | 8.2 | 0.5 | - | 52.3 | 40.6 | 11.7 |
| 04:55 AM - 05:00 AM | 50.1 | 43.1 | 7.0 | 1.0 | - | 52.1 | 40.9 | 11.2 |
| 05:00 AM - 05:05 AM | 50.8 | 42.1 | 8.7 | 0.5 | - | 53.3 | 40.4 | 12.9 |
| 05:05 AM - 05:10 AM | 50.6 | 43.2 | 7.4 | 1.0 | - | 52.6 | 41.1 | 11.5 |
| 05:10 AM - 05:15 AM | 50.9 | 41.5 | 9.4 | 0.5 | - | 53.4 | 40.0 | 13.4 |
| 05:15 AM - 05:20 AM | 48.1 | 40.9 | 7.2 | 1.0 | - | 50.1 | 40.1 | 10.0 |
| 05:20 AM - 05:25 AM | 50.7 | 49.6 | 1.1 | 7.0 | - | 46.7 | 40.2 | 6.5 |
| 05:25 AM - 05:30 AM | 47.1 | 40.9 | 6.2 | 1.5 | - | 48.6 | 40.1 | 8.5 |
| 05:30 AM - 05:35 AM | 47.6 | 41.0 | 6.6 | 1.0 | - | 49.6 | 40.3 | 9.3 |
| 05:35 AM - 05:40 AM | 46.9 | 41.1 | 5.8 | 1.5 | - | 48.4 | 40.2 | 8.2 |
| 05:40 AM - 05:45 AM | 45.6 | 41.3 | 4.3 | 2.0 | - | 46.6 | 40.5 | 6.1 |
| 05:45 AM - 05:50 AM | 48.4 | 45.2 | 3.2 | 3.0 | - | 48.4 | 40.5 | 7.9 |
| 05:50 AM - 05:55 AM | 47.2 | 42.0 | 5.2 | 1.5 | - | 48.7 | 41.0 | 7.7 |
| 05:55 AM - 06:00 AM | 55.2 | 45.2 | 10.0 | 0.5 | - | 57.7 | 40.7 | 17.0 |
| 06:00 AM - 07:00 AM | 54.5 | 49.9 | 4.6 | 1.5 | 53.0 | - | 42.3 | 10.7 |
| 07:00 AM - 08:00 AM | 51.8 | 44.8 | 7.0 | 1.0 | 50.8 | - | 40.6 | 10.2 |
| 08:00 AM - 09:00 AM | 51.6 | 47.3 | 4.3 | 2.0 | 49.6 | - | 38.4 | 11.2 |
| 09:00 AM - 10:00 AM | 49.6 | 46.4 | 3.2 | 3.0 | 46.6 | - | 36.4 | 10.2 |
| 10:00 AM - 11:00 AM | 52.1 | 44.8 | 7.3 | 1.0 | 51.1 | - | 37.4 | 13.7 |
| 11:00 AM - 12:00 PM | 50.5 | 49.2 | 1.3 | 7.0 | 43.5 | - | 38.1 | 5.4 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 24-25 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-16 วันที่ตรวจวัด 24-25 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673486-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-17
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 50.2 | 43.1 | 7.1 | 1.0 | 49.2 | - | 38.2 | 11.0 |
| 01:00 PM - 02:00 PM | 50.3 | 43.4 | 6.9 | 1.0 | 49.3 | - | 36.5 | 12.8 |
| 02:00 PM - 03:00 PM | 50.8 | 51.3 | -0.5 | 7.0 | 43.8 | - | 37.6 | 6.2 |
| 03:00 PM - 04:00 PM | 49.3 | 51.1 | -1.8 | 7.0 | 42.3 | - | 38.3 | 4.0 |
| 04:00 PM - 05:00 PM | 50.9 | 49.0 | 1.9 | 4.5 | 46.4 | - | 38.5 | 7.9 |
| 05:00 PM - 06:00 PM | 50.2 | 52.0 | -1.8 | 7.0 | 43.2 | - | 45.4 | -2.2 |
| 06:00 PM - 07:00 PM | 51.2 | 47.1 | 4.1 | 2.0 | 49.2 | - | 40.9 | 8.3 |
| 07:00 PM - 08:00 PM | 51.8 | 47.5 | 4.3 | 2.0 | 49.8 | - | 40.5 | 9.3 |
| 08:00 PM - 09:00 PM | 54.1 | 48.6 | 5.5 | 1.5 | 52.6 | - | 46.1 | 6.5 |
| 09:00 PM - 10:00 PM | 52.7 | 45.3 | 7.4 | 1.0 | 51.7 | - | 43.9 | 7.8 |
| 10:00 PM - 10:05 PM | 52.8 | 46.1 | 6.7 | 1.0 | - | 54.8 | 43.7 | 11.1 |
| 10:05 PM - 10:10 PM | 51.7 | 45.0 | 6.7 | 1.0 | - | 53.7 | 43.4 | 10.3 |
| 10:10 PM - 10:15 PM | 50.9 | 46.1 | 4.8 | 1.5 | - | 52.4 | 44.2 | 8.2 |
| 10:15 PM - 10:20 PM | 51.3 | 45.0 | 6.3 | 1.5 | - | 52.8 | 43.0 | 9.8 |
| 10:20 PM - 10:25 PM | 51.3 | 46.8 | 4.5 | 1.5 | - | 52.8 | 43.8 | 9.0 |
| 10:25 PM - 10:30 PM | 52.3 | 43.8 | 8.5 | 0.5 | - | 54.8 | 42.8 | 12.0 |
| 10:30 PM - 10:35 PM | 53.8 | 43.6 | 10.2 | 0.5 | - | 56.3 | 42.8 | 13.5 |
| 10:35 PM - 10:40 PM | 52.2 | 44.4 | 7.8 | 0.5 | - | 54.7 | 42.9 | 11.8 |
| 10:40 PM - 10:45 PM | 52.2 | 44.0 | 8.2 | 0.5 | - | 54.7 | 43.1 | 11.6 |
| 10:45 PM - 10:50 PM | 52.3 | 44.2 | 8.1 | 0.5 | - | 54.8 | 43.2 | 11.6 |
| 10:50 PM - 10:55 PM | 50.4 | 44.9 | 5.5 | 1.5 | - | 51.9 | 43.2 | 8.7 |
| 10:55 PM - 11:00 PM | 50.1 | 44.2 | 5.9 | 1.5 | - | 51.6 | 43.1 | 8.5 |
| 11:00 PM - 11:05 PM | 51.9 | 45.0 | 6.9 | 1.0 | - | 53.9 | 43.3 | 10.6 |
| 11:05 PM - 11:10 PM | 54.8 | 45.5 | 9.3 | 0.5 | - | 57.3 | 44.5 | 12.8 |
| 11:10 PM - 11:15 PM | 50.8 | 45.7 | 5.1 | 1.5 | - | 52.3 | 44.7 | 7.6 |
| 11:15 PM - 11:20 PM | 57.0 | 46.3 | 10.7 | 0.5 | - | 59.5 | 45.3 | 14.2 |
| 11:20 PM - 11:25 PM | 57.3 | 46.1 | 11.2 | 0.5 | - | 59.8 | 45.0 | 14.8 |
| 11:25 PM - 11:30 PM | 57.3 | 45.4 | 11.9 | 0.5 | - | 59.8 | 44.4 | 15.4 |
| 11:30 PM - 11:35 PM | 55.3 | 45.4 | 9.9 | 0.5 | - | 57.8 | 44.5 | 13.3 |
| 11:35 PM - 11:40 PM | 53.8 | 45.3 | 8.5 | 0.5 | - | 56.3 | 44.3 | 12.0 |
| 11:40 PM - 11:45 PM | 49.8 | 45.7 | 4.1 | 2.0 | - | 50.8 | 44.8 | 6.0 |
| 11:45 PM - 11:50 PM | 49.7 | 45.4 | 4.3 | 2.0 | - | 50.7 | 43.8 | 6.9 |
| 11:50 PM - 11:55 PM | 49.7 | 45.5 | 4.2 | 2.0 | - | 50.7 | 44.7 | 6.0 |
| 11:55 PM - 12:00 AM | 49.6 | 45.0 | 4.6 | 1.5 | - | 51.1 | 43.4 | 7.7 |
| 12:00 AM - 12:05 AM | 49.8 | 44.5 | 5.3 | 1.5 | - | 51.3 | 43.2 | 8.1 |
| 12:05 AM - 12:10 AM | 49.7 | 45.0 | 4.7 | 1.5 | - | 51.2 | 43.4 | 7.8 |
| 12:10 AM - 12:15 AM | 49.8 | 44.9 | 4.9 | 1.5 | - | 51.3 | 43.5 | 7.8 |
| 12:15 AM - 12:20 AM | 49.2 | 44.9 | 4.3 | 2.0 | - | 50.2 | 43.6 | 6.6 |
| 12:20 AM - 12:25 AM | 48.8 | 43.6 | 5.2 | 1.5 | - | 50.3 | 42.7 | 7.6 |
| 12:25 AM - 12:30 AM | 50.5 | 44.1 | 6.4 | 1.5 | - | 52.0 | 43.0 | 9.0 |

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

WilB.

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673486-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-17
Parameter เสียงรบกวน
Location บริเวณประตูจอดรถยนต์ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
|---------------------|-------------------------|---------------------------|------------------------|----------------|--------------------------------|-----------------|------------------|------------------------|
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:30 AM - 12:35 AM | 50.4 | 43.9 | 6.5 | 1.0 | - | 52.4 | 42.7 | 9.7 |
| 12:35 AM - 12:40 AM | 49.2 | 44.3 | 4.9 | 1.5 | - | 50.7 | 42.5 | 8.2 |
| 12:40 AM - 12:45 AM | 49.1 | 43.6 | 5.5 | 1.5 | - | 50.6 | 42.5 | 8.1 |
| 12:45 AM - 12:50 AM | 49.1 | 44.6 | 4.5 | 1.5 | - | 50.6 | 43.8 | 6.8 |
| 12:50 AM - 12:55 AM | 48.9 | 44.8 | 4.1 | 2.0 | - | 49.9 | 43.7 | 6.2 |
| 12:55 AM - 01:00 AM | 48.4 | 44.1 | 4.3 | 2.0 | - | 49.4 | 42.7 | 6.7 |
| 01:00 AM - 01:05 AM | 49.1 | 44.6 | 4.5 | 1.5 | - | 50.6 | 43.9 | 6.7 |
| 01:05 AM - 01:10 AM | 50.1 | 43.9 | 6.2 | 1.5 | - | 51.6 | 42.1 | 9.5 |
| 01:10 AM - 01:15 AM | 48.9 | 43.5 | 5.4 | 1.5 | - | 50.4 | 42.0 | 8.4 |
| 01:15 AM - 01:20 AM | 49.6 | 44.8 | 4.8 | 1.5 | - | 51.1 | 43.9 | 7.2 |
| 01:20 AM - 01:25 AM | 48.4 | 44.6 | 3.8 | 2.0 | - | 49.4 | 43.6 | 5.8 |
| 01:25 AM - 01:30 AM | 46.7 | 43.7 | 3.0 | 3.0 | - | 46.7 | 42.9 | 3.8 |
| 01:30 AM - 01:35 AM | 47.3 | 44.2 | 3.1 | 3.0 | - | 47.3 | 43.3 | 4.0 |
| 01:35 AM - 01:40 AM | 49.0 | 46.5 | 2.5 | 3.0 | - | 49.0 | 43.9 | 5.1 |
| 01:40 AM - 01:45 AM | 49.7 | 45.8 | 3.9 | 2.0 | - | 50.7 | 44.5 | 6.2 |
| 01:45 AM - 01:50 AM | 49.0 | 45.8 | 3.2 | 3.0 | - | 49.0 | 44.7 | 4.3 |
| 01:50 AM - 01:55 AM | 47.0 | 46.5 | 0.5 | 7.0 | - | 43.0 | 45.2 | -2.2 |
| 01:55 AM - 02:00 AM | 46.8 | 46.5 | 0.3 | 7.0 | - | 42.8 | 45.0 | -2.2 |
| 02:00 AM - 02:05 AM | 48.0 | 46.2 | 1.8 | 4.5 | - | 46.5 | 44.7 | 1.8 |
| 02:05 AM - 02:10 AM | 47.9 | 45.5 | 2.4 | 4.5 | - | 46.4 | 44.0 | 2.4 |
| 02:10 AM - 02:15 AM | 48.3 | 43.4 | 4.9 | 1.5 | - | 49.8 | 42.3 | 7.5 |
| 02:15 AM - 02:20 AM | 48.4 | 43.4 | 5.0 | 1.5 | - | 49.9 | 42.0 | 7.9 |
| 02:20 AM - 02:25 AM | 48.5 | 43.4 | 5.1 | 1.5 | - | 50.0 | 42.1 | 7.9 |
| 02:25 AM - 02:30 AM | 48.2 | 43.5 | 4.7 | 1.5 | - | 49.7 | 42.4 | 7.3 |
| 02:30 AM - 02:35 AM | 49.2 | 44.0 | 5.2 | 1.5 | - | 50.7 | 42.4 | 8.3 |
| 02:35 AM - 02:40 AM | 49.9 | 44.4 | 5.5 | 1.5 | - | 51.4 | 43.2 | 8.2 |
| 02:40 AM - 02:45 AM | 47.5 | 44.8 | 2.7 | 3.0 | - | 47.5 | 43.7 | 3.8 |
| 02:45 AM - 02:50 AM | 48.7 | 44.1 | 4.6 | 1.5 | - | 50.2 | 42.9 | 7.3 |
| 02:50 AM - 02:55 AM | 48.1 | 44.4 | 3.7 | 2.0 | - | 49.1 | 43.2 | 5.9 |
| 02:55 AM - 03:00 AM | 48.1 | 44.6 | 3.5 | 2.0 | - | 49.1 | 43.4 | 5.7 |
| 03:00 AM - 03:05 AM | 46.6 | 44.5 | 2.1 | 4.5 | - | 45.1 | 43.4 | 1.7 |
| 03:05 AM - 03:10 AM | 46.6 | 44.1 | 2.5 | 3.0 | - | 46.6 | 42.7 | 3.9 |
| 03:10 AM - 03:15 AM | 47.8 | 45.1 | 2.7 | 3.0 | - | 47.8 | 42.7 | 5.1 |
| 03:15 AM - 03:20 AM | 48.4 | 45.5 | 2.9 | 3.0 | - | 48.4 | 44.2 | 4.2 |
| 03:20 AM - 03:25 AM | 47.8 | 44.4 | 3.4 | 3.0 | - | 47.8 | 43.0 | 4.8 |
| 03:25 AM - 03:30 AM | 49.1 | 44.1 | 5.0 | 1.5 | - | 50.6 | 43.0 | 7.6 |
| 03:30 AM - 03:35 AM | 46.9 | 43.8 | 3.1 | 3.0 | - | 46.9 | 42.5 | 4.4 |
| 03:35 AM - 03:40 AM | 49.1 | 43.6 | 5.5 | 1.5 | - | 50.6 | 42.3 | 8.3 |
| 03:40 AM - 03:45 AM | 50.1 | 43.7 | 6.4 | 1.5 | - | 51.6 | 42.6 | 9.0 |
| 03:45 AM - 03:50 AM | 45.9 | 43.6 | 2.3 | 4.5 | - | 44.4 | 42.4 | 2.0 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673486-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-17
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

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 | 46.7 | 43.8 | 2.9 | 3.0 | - | 46.7 | 42.6 | 4.1 |
| 03:55 AM - 04:00 AM | 50.5 | 43.6 | 6.9 | 1.0 | - | 52.5 | 42.5 | 10.0 |
| 04:00 AM - 04:05 AM | 47.1 | 43.4 | 3.7 | 2.0 | - | 48.1 | 42.2 | 5.9 |
| 04:05 AM - 04:10 AM | 46.9 | 42.8 | 4.1 | 2.0 | - | 47.9 | 41.4 | 6.5 |
| 04:10 AM - 04:15 AM | 48.2 | 42.7 | 5.5 | 1.5 | - | 49.7 | 41.4 | 8.3 |
| 04:15 AM - 04:20 AM | 46.5 | 43.1 | 3.4 | 3.0 | - | 46.5 | 41.2 | 5.3 |
| 04:20 AM - 04:25 AM | 48.0 | 43.1 | 4.9 | 1.5 | - | 49.5 | 41.2 | 8.3 |
| 04:25 AM - 04:30 AM | 47.5 | 43.7 | 3.8 | 2.0 | - | 48.5 | 40.9 | 7.6 |
| 04:30 AM - 04:35 AM | 48.5 | 42.0 | 6.5 | 1.0 | - | 50.5 | 40.9 | 9.6 |
| 04:35 AM - 04:40 AM | 48.4 | 41.7 | 6.7 | 1.0 | - | 50.4 | 41.1 | 9.3 |
| 04:40 AM - 04:45 AM | 48.4 | 41.6 | 6.8 | 1.0 | - | 50.4 | 40.8 | 9.6 |
| 04:45 AM - 04:50 AM | 48.4 | 41.6 | 6.8 | 1.0 | - | 50.4 | 40.8 | 9.6 |
| 04:50 AM - 04:55 AM | 48.2 | 41.8 | 6.4 | 1.5 | - | 49.7 | 41.0 | 8.7 |
| 04:55 AM - 05:00 AM | 49.7 | 41.4 | 8.3 | 0.5 | - | 52.2 | 40.7 | 11.5 |
| 05:00 AM - 05:05 AM | 46.8 | 41.9 | 4.9 | 1.5 | - | 48.3 | 41.1 | 7.2 |
| 05:05 AM - 05:10 AM | 47.3 | 41.4 | 5.9 | 1.5 | - | 48.8 | 40.8 | 8.0 |
| 05:10 AM - 05:15 AM | 47.1 | 41.2 | 5.9 | 1.5 | - | 48.6 | 40.6 | 8.0 |
| 05:15 AM - 05:20 AM | 47.5 | 41.2 | 6.3 | 1.5 | - | 49.0 | 40.4 | 8.6 |
| 05:20 AM - 05:25 AM | 46.7 | 41.1 | 5.6 | 1.5 | - | 48.2 | 40.5 | 7.7 |
| 05:25 AM - 05:30 AM | 46.8 | 41.2 | 5.6 | 1.5 | - | 48.3 | 40.5 | 7.8 |
| 05:30 AM - 05:35 AM | 47.6 | 42.4 | 5.2 | 1.5 | - | 49.1 | 40.9 | 8.2 |
| 05:35 AM - 05:40 AM | 49.1 | 41.2 | 7.9 | 0.5 | - | 51.6 | 40.6 | 11.0 |
| 05:40 AM - 05:45 AM | 47.9 | 41.3 | 6.6 | 1.0 | - | 49.9 | 40.7 | 9.2 |
| 05:45 AM - 05:50 AM | 47.9 | 41.0 | 6.9 | 1.0 | - | 49.9 | 40.3 | 9.6 |
| 05:50 AM - 05:55 AM | 48.3 | 42.5 | 5.8 | 1.5 | - | 49.8 | 40.7 | 9.1 |
| 05:55 AM - 06:00 AM | 49.0 | 44.8 | 4.2 | 2.0 | - | 50.0 | 40.3 | 9.7 |
| 06:00 AM - 07:00 AM | 54.6 | 47.7 | 6.9 | 1.0 | 53.6 | - | 41.3 | 12.3 |
| 07:00 AM - 08:00 AM | 51.9 | 46.5 | 5.4 | 1.5 | 50.4 | - | 40.3 | 10.1 |
| 08:00 AM - 09:00 AM | 50.4 | 47.3 | 3.1 | 3.0 | 47.4 | - | 37.7 | 9.7 |
| 09:00 AM - 10:00 AM | 51.4 | 46.7 | 4.7 | 1.5 | 49.9 | - | 37.0 | 12.9 |
| 10:00 AM - 11:00 AM | 54.2 | 49.1 | 5.1 | 1.5 | 52.7 | - | 38.7 | 14.0 |
| 11:00 AM - 12:00 PM | 52.1 | 44.1 | 8.0 | 0.5 | 51.6 | - | 38.2 | 13.4 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 25-26 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-17 วันที่ตรวจวัด 25-26 พฤษภาคม 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673487-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-18
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|--------------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 53.4 | 50.6 | 2.8 | 3.0 | 50.4 | - | 39.5 | 10.9 |
| 01:00 PM - 02:00 PM | 46.9 | 50.5 | -3.6 | 7.0 | 39.9 | - | 39.6 | 0.3 |
| 02:00 PM - 03:00 PM | 48.1 | 45.2 | 2.9 | 3.0 | 45.1 | - | 40.3 | 4.8 |
| 03:00 PM - 04:00 PM | 49.8 | 47.1 | 2.7 | 3.0 | 46.8 | - | 39.1 | 7.7 |
| 04:00 PM - 05:00 PM | 49.1 | 51.8 | -2.7 | 7.0 | 42.1 | - | 39.4 | 2.7 |
| 05:00 PM - 06:00 PM | 48.6 | 48.2 | 0.4 | 7.0 | 41.6 | - | 39.5 | 2.1 |
| 06:00 PM - 07:00 PM | 50.5 | 50.5 | 0.0 | 7.0 | 43.5 | - | 40.4 | 3.1 |
| 07:00 PM - 08:00 PM | 48.9 | 48.1 | 0.8 | 7.0 | 41.9 | - | 40.6 | 1.3 |
| 08:00 PM - 09:00 PM | 51.3 | 51.7 | -0.4 | 7.0 | 44.3 | - | 49.8 | -5.5 |
| 09:00 PM - 10:00 PM | 52.6 | 49.6 | 3.0 | 3.0 | 49.6 | - | 47.3 | 2.3 |
| 10:00 PM - 10:05 PM | 50.5 | 48.1 | 2.4 | 4.5 | - | 49.0 | 46.4 | 2.6 |
| 10:05 PM - 10:10 PM | 51.2 | 47.2 | 4.0 | 2.0 | - | 52.2 | 46.0 | 6.2 |
| 10:10 PM - 10:15 PM | 50.8 | 47.1 | 3.7 | 2.0 | - | 51.8 | 46.3 | 5.5 |
| 10:15 PM - 10:20 PM | 50.7 | 47.7 | 3.0 | 3.0 | - | 50.7 | 46.9 | 3.8 |
| 10:20 PM - 10:25 PM | 50.7 | 48.0 | 2.7 | 3.0 | - | 50.7 | 46.9 | 3.8 |
| 10:25 PM - 10:30 PM | 50.6 | 47.4 | 3.2 | 3.0 | - | 50.6 | 46.2 | 4.4 |
| 10:30 PM - 10:35 PM | 50.8 | 47.9 | 2.9 | 3.0 | - | 50.8 | 46.5 | 4.3 |
| 10:35 PM - 10:40 PM | 50.1 | 48.2 | 1.9 | 4.5 | - | 48.6 | 47.1 | 1.5 |
| 10:40 PM - 10:45 PM | 50.1 | 48.3 | 1.8 | 4.5 | - | 48.6 | 47.1 | 1.5 |
| 10:45 PM - 10:50 PM | 50.9 | 47.4 | 3.5 | 2.0 | - | 51.9 | 46.3 | 5.6 |
| 10:50 PM - 10:55 PM | 49.2 | 47.3 | 1.9 | 4.5 | - | 47.7 | 46.5 | 1.2 |
| 10:55 PM - 11:00 PM | 49.5 | 47.0 | 2.5 | 3.0 | - | 49.5 | 46.2 | 3.3 |
| 11:00 PM - 11:05 PM | 49.0 | 47.2 | 1.8 | 4.5 | - | 47.5 | 46.2 | 1.3 |
| 11:05 PM - 11:10 PM | 49.7 | 47.5 | 2.2 | 4.5 | - | 48.2 | 46.7 | 1.5 |
| 11:10 PM - 11:15 PM | 49.5 | 47.2 | 2.3 | 4.5 | - | 48.0 | 46.3 | 1.7 |
| 11:15 PM - 11:20 PM | 48.5 | 54.0 | -5.5 | 7.0 | - | 44.5 | 47.0 | -2.5 |
| 11:20 PM - 11:25 PM | 49.1 | 53.0 | -3.9 | 7.0 | - | 45.1 | 47.3 | -2.2 |
| 11:25 PM - 11:30 PM | 49.4 | 51.2 | -1.8 | 7.0 | - | 45.4 | 47.8 | -2.4 |
| 11:30 PM - 11:35 PM | 49.7 | 48.5 | 1.2 | 7.0 | - | 45.7 | 47.8 | -2.1 |
| 11:35 PM - 11:40 PM | 49.7 | 48.4 | 1.3 | 7.0 | - | 45.7 | 47.7 | -2.0 |
| 11:40 PM - 11:45 PM | 50.1 | 48.3 | 1.8 | 4.5 | - | 48.6 | 47.7 | 0.9 |
| 11:45 PM - 11:50 PM | 50.1 | 48.4 | 1.7 | 4.5 | - | 48.6 | 47.8 | 0.8 |
| 11:50 PM - 11:55 PM | 49.5 | 48.2 | 1.3 | 7.0 | - | 45.5 | 47.6 | -2.1 |
| 11:55 PM - 12:00 AM | 48.9 | 48.2 | 0.7 | 7.0 | - | 44.9 | 47.5 | -2.6 |
| 12:00 AM - 12:05 AM | 48.2 | 48.5 | -0.3 | 7.0 | - | 44.2 | 47.7 | -3.5 |
| 12:05 AM - 12:10 AM | 51.4 | 48.3 | 3.1 | 3.0 | - | 51.4 | 47.3 | 4.1 |
| 12:10 AM - 12:15 AM | 49.0 | 48.3 | 0.7 | 7.0 | - | 45.0 | 47.6 | -2.6 |
| 12:15 AM - 12:20 AM | 50.3 | 48.0 | 2.3 | 4.5 | - | 48.8 | 47.4 | 1.4 |
| 12:20 AM - 12:25 AM | 49.2 | 47.3 | 1.9 | 4.5 | - | 47.7 | 46.4 | 1.3 |
| 12:25 AM - 12:30 AM | 56.0 | 47.5 | 8.5 | 0.5 | - | 58.5 | 46.3 | 12.2 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673487-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-18
Parameter เสียงรบกวน
Location บริเวณประตูจอดรถยนต์ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

| ระดับเสียง (dB(A)) | | | | | | | | |
|---------------------|----------------------------|------------------------------|---------------------------|-------------------|-----------------------------------|--------------------|---------------------|---------------------------|
| เวลา | (A) เสียงจากแหล่งกำเนิด | (B) เสียงขณะไม่มีการรบกวน | (A-B) ผลต่างระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับการรบกวน |
| | | | | | (A-C) กลางวัน | (A-C)+3 กลางคืน | | |
| 12:30 AM - 12:35 AM | 58.6 | 48.3 | 10.3 | 0.5 | - | 61.1 | 47.3 | 13.8 |
| 12:35 AM - 12:40 AM | 57.0 | 47.9 | 9.1 | 0.5 | - | 59.5 | 47.2 | 12.3 |
| 12:40 AM - 12:45 AM | 55.6 | 48.1 | 7.5 | 0.5 | - | 58.1 | 47.3 | 10.8 |
| 12:45 AM - 12:50 AM | 55.2 | 47.9 | 7.3 | 1.0 | - | 57.2 | 46.9 | 10.3 |
| 12:50 AM - 12:55 AM | 54.0 | 47.4 | 6.6 | 1.0 | - | 56.0 | 46.4 | 9.6 |
| 12:55 AM - 01:00 AM | 53.1 | 46.1 | 7.0 | 1.0 | - | 55.1 | 44.7 | 10.4 |
| 01:00 AM - 01:05 AM | 50.9 | 46.0 | 4.9 | 1.5 | - | 52.4 | 44.6 | 7.8 |
| 01:05 AM - 01:10 AM | 52.2 | 46.6 | 5.6 | 1.5 | - | 53.7 | 45.6 | 8.1 |
| 01:10 AM - 01:15 AM | 52.5 | 46.9 | 5.6 | 1.5 | - | 54.0 | 45.9 | 8.1 |
| 01:15 AM - 01:20 AM | 54.8 | 48.2 | 6.6 | 1.0 | - | 56.8 | 46.7 | 10.1 |
| 01:20 AM - 01:25 AM | 56.6 | 48.4 | 8.2 | 0.5 | - | 59.1 | 47.6 | 11.5 |
| 01:25 AM - 01:30 AM | 56.4 | 47.9 | 8.5 | 0.5 | - | 58.9 | 45.4 | 13.5 |
| 01:30 AM - 01:35 AM | 54.8 | 48.0 | 6.8 | 1.0 | - | 56.8 | 45.6 | 11.2 |
| 01:35 AM - 01:40 AM | 55.6 | 47.3 | 8.3 | 0.5 | - | 58.1 | 45.8 | 12.3 |
| 01:40 AM - 01:45 AM | 55.4 | 46.6 | 8.8 | 0.5 | - | 57.9 | 45.4 | 12.5 |
| 01:45 AM - 01:50 AM | 56.0 | 46.6 | 9.4 | 0.5 | - | 58.5 | 45.6 | 12.9 |
| 01:50 AM - 01:55 AM | 55.8 | 46.7 | 9.1 | 0.5 | - | 58.3 | 45.5 | 12.8 |
| 01:55 AM - 02:00 AM | 56.9 | 48.0 | 8.9 | 0.5 | - | 59.4 | 47.1 | 12.3 |
| 02:00 AM - 02:05 AM | 55.4 | 47.6 | 7.8 | 0.5 | - | 57.9 | 46.9 | 11.0 |
| 02:05 AM - 02:10 AM | 54.8 | 48.3 | 6.5 | 1.0 | - | 56.8 | 47.0 | 9.8 |
| 02:10 AM - 02:15 AM | 55.0 | 47.8 | 7.2 | 1.0 | - | 57.0 | 46.8 | 10.2 |
| 02:15 AM - 02:20 AM | 54.8 | 48.6 | 6.2 | 1.5 | - | 56.3 | 47.3 | 9.0 |
| 02:20 AM - 02:25 AM | 54.7 | 47.9 | 6.8 | 1.0 | - | 56.7 | 47.4 | 9.3 |
| 02:25 AM - 02:30 AM | 54.4 | 47.6 | 6.8 | 1.0 | - | 56.4 | 45.8 | 10.6 |
| 02:30 AM - 02:35 AM | 55.6 | 47.0 | 8.6 | 0.5 | - | 58.1 | 44.9 | 13.2 |
| 02:35 AM - 02:40 AM | 53.7 | 47.0 | 6.7 | 1.0 | - | 55.7 | 45.9 | 9.8 |
| 02:40 AM - 02:45 AM | 53.4 | 47.9 | 5.5 | 1.5 | - | 54.9 | 46.8 | 8.1 |
| 02:45 AM - 02:50 AM | 54.9 | 53.4 | 1.5 | 4.5 | - | 53.4 | 46.8 | 6.6 |
| 02:50 AM - 02:55 AM | 55.2 | 47.9 | 7.3 | 1.0 | - | 57.2 | 46.0 | 11.2 |
| 02:55 AM - 03:00 AM | 53.7 | 46.8 | 6.9 | 1.0 | - | 55.7 | 45.4 | 10.3 |
| 03:00 AM - 03:05 AM | 53.3 | 46.8 | 6.5 | 1.0 | - | 55.3 | 45.5 | 9.8 |
| 03:05 AM - 03:10 AM | 54.8 | 47.9 | 6.9 | 1.0 | - | 56.8 | 46.4 | 10.4 |
| 03:10 AM - 03:15 AM | 57.5 | 47.5 | 10.0 | 0.5 | - | 60.0 | 46.2 | 13.8 |
| 03:15 AM - 03:20 AM | 58.9 | 46.8 | 12.1 | 0.5 | - | 61.4 | 45.6 | 15.8 |
| 03:20 AM - 03:25 AM | 57.5 | 46.3 | 11.2 | 0.5 | - | 60.0 | 45.0 | 15.0 |
| 03:25 AM - 03:30 AM | 58.2 | 46.4 | 11.8 | 0.5 | - | 60.7 | 45.3 | 15.4 |
| 03:30 AM - 03:35 AM | 58.0 | 46.8 | 11.2 | 0.5 | - | 60.5 | 45.6 | 14.9 |
| 03:35 AM - 03:40 AM | 58.5 | 47.4 | 11.1 | 0.5 | - | 61.0 | 46.4 | 14.6 |
| 03:40 AM - 03:45 AM | 57.2 | 47.6 | 9.6 | 0.5 | - | 59.7 | 46.3 | 13.4 |
| 03:45 AM - 03:50 AM | 58.6 | 47.4 | 11.2 | 0.5 | - | 61.1 | 46.5 | 14.6 |

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

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673487-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-18
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

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 | 59.1 | 46.7 | 12.4 | 0.5 | - | 61.6 | 44.7 | 16.9 |
| 03:55 AM - 04:00 AM | 60.4 | 45.3 | 15.1 | 0.0 | - | 63.4 | 43.8 | 19.6 |
| 04:00 AM - 04:05 AM | 59.1 | 45.1 | 14.0 | 0.0 | - | 62.1 | 43.6 | 18.5 |
| 04:05 AM - 04:10 AM | 59.0 | 45.4 | 13.6 | 0.0 | - | 62.0 | 44.0 | 18.0 |
| 04:10 AM - 04:15 AM | 57.8 | 44.7 | 13.1 | 0.0 | - | 60.8 | 43.0 | 17.8 |
| 04:15 AM - 04:20 AM | 60.5 | 45.1 | 15.4 | 0.0 | - | 63.5 | 43.1 | 20.4 |
| 04:20 AM - 04:25 AM | 57.8 | 45.3 | 12.5 | 0.0 | - | 60.8 | 43.6 | 17.2 |
| 04:25 AM - 04:30 AM | 56.9 | 44.2 | 12.7 | 0.0 | - | 59.9 | 43.3 | 16.6 |
| 04:30 AM - 04:35 AM | 56.3 | 44.5 | 11.8 | 0.5 | - | 58.8 | 43.0 | 15.8 |
| 04:35 AM - 04:40 AM | 57.2 | 44.7 | 12.5 | 0.0 | - | 60.2 | 43.6 | 16.6 |
| 04:40 AM - 04:45 AM | 55.4 | 45.2 | 10.2 | 0.5 | - | 57.9 | 43.9 | 14.0 |
| 04:45 AM - 04:50 AM | 56.9 | 45.6 | 11.3 | 0.5 | - | 59.4 | 43.9 | 15.5 |
| 04:50 AM - 04:55 AM | 56.5 | 44.5 | 12.0 | 0.5 | - | 59.0 | 43.2 | 15.8 |
| 04:55 AM - 05:00 AM | 58.1 | 44.1 | 14.0 | 0.0 | - | 61.1 | 42.9 | 18.2 |
| 05:00 AM - 05:05 AM | 57.8 | 46.2 | 11.6 | 0.5 | - | 60.3 | 42.1 | 18.2 |
| 05:05 AM - 05:10 AM | 57.8 | 43.2 | 14.6 | 0.0 | - | 60.8 | 41.8 | 19.0 |
| 05:10 AM - 05:15 AM | 57.5 | 45.2 | 12.3 | 0.5 | - | 60.0 | 42.5 | 17.5 |
| 05:15 AM - 05:20 AM | 58.2 | 44.0 | 14.2 | 0.0 | - | 61.2 | 42.3 | 18.9 |
| 05:20 AM - 05:25 AM | 61.1 | 43.9 | 17.2 | 0.0 | - | 64.1 | 42.3 | 21.8 |
| 05:25 AM - 05:30 AM | 56.7 | 43.2 | 13.5 | 0.0 | - | 59.7 | 42.0 | 17.7 |
| 05:30 AM - 05:35 AM | 55.7 | 43.5 | 12.2 | 0.5 | - | 58.2 | 42.3 | 15.9 |
| 05:35 AM - 05:40 AM | 56.0 | 42.9 | 13.1 | 0.0 | - | 59.0 | 41.6 | 17.4 |
| 05:40 AM - 05:45 AM | 56.9 | 42.9 | 14.0 | 0.0 | - | 59.9 | 41.5 | 18.4 |
| 05:45 AM - 05:50 AM | 53.3 | 44.1 | 9.2 | 0.5 | - | 55.8 | 41.8 | 14.0 |
| 05:50 AM - 05:55 AM | 55.8 | 43.8 | 12.0 | 0.5 | - | 58.3 | 41.7 | 16.6 |
| 05:55 AM - 06:00 AM | 53.7 | 44.5 | 9.2 | 0.5 | - | 56.2 | 41.8 | 14.4 |
| 06:00 AM - 07:00 AM | 55.2 | 51.8 | 3.4 | 3.0 | 52.2 | - | 47.5 | 4.7 |
| 07:00 AM - 08:00 AM | 55.2 | 47.6 | 7.6 | 0.5 | 54.7 | - | 43.4 | 11.3 |
| 08:00 AM - 09:00 AM | 55.9 | 49.8 | 6.1 | 1.5 | 54.4 | - | 42.0 | 12.4 |
| 09:00 AM - 10:00 AM | 55.5 | 45.6 | 9.9 | 0.5 | 55.0 | - | 39.6 | 15.4 |
| 10:00 AM - 11:00 AM | 51.8 | 48.5 | 3.3 | 3.0 | 48.8 | - | 37.1 | 11.7 |
| 11:00 AM - 12:00 PM | 49.7 | 51.1 | -1.4 | 7.0 | 42.7 | - | 37.9 | 4.8 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 26-27 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-18 วันที่ตรวจวัด 26-27 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673488-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-19
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด | เสียงขณะ ไม่มีการรบกวน | ผลต่าง ระดับเสียง | ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิด | | เสียงพื้นฐาน | ค่าระดับ การรบกวน |
|---------------------|-------------------------|---------------------------|----------------------|------------|----------------------------|--------------------|--------------|----------------------|
| | (A) | (B) | (A-B) | (C) | กลางวัน (A-C) | กลางคืน (A-C)+3 | (E) | (D-E) |
| 12:00 PM - 01:00 PM | 48.8 | 42.9 | 5.9 | 1.5 | 47.3 | - | 38.2 | 9.1 |
| 01:00 PM - 02:00 PM | 49.8 | 41.2 | 8.6 | 0.5 | 49.3 | - | 36.6 | 12.7 |
| 02:00 PM - 03:00 PM | 49.1 | 44.6 | 4.5 | 1.5 | 47.6 | - | 38.1 | 9.5 |
| 03:00 PM - 04:00 PM | 50.4 | 50.0 | 0.4 | 7.0 | 43.4 | - | 37.8 | 5.6 |
| 04:00 PM - 05:00 PM | 50.3 | 49.5 | 0.8 | 7.0 | 43.3 | - | 39.2 | 4.1 |
| 05:00 PM - 06:00 PM | 49.7 | 50.7 | -1.0 | 7.0 | 42.7 | - | 40.5 | 2.2 |
| 06:00 PM - 07:00 PM | 50.0 | 51.1 | -1.1 | 7.0 | 43.0 | - | 40.9 | 2.1 |
| 07:00 PM - 08:00 PM | 50.1 | 47.1 | 3.0 | 3.0 | 47.1 | - | 42.6 | 4.5 |
| 08:00 PM - 09:00 PM | 52.9 | 53.0 | -0.1 | 7.0 | 45.9 | - | 51.6 | -5.7 |
| 09:00 PM - 10:00 PM | 53.7 | 50.3 | 3.4 | 3.0 | 50.7 | - | 47.7 | 3.0 |
| 10:00 PM - 10:05 PM | 53.5 | 46.6 | 6.9 | 1.0 | - | 55.5 | 44.1 | 11.4 |
| 10:05 PM - 10:10 PM | 53.3 | 46.9 | 6.4 | 1.5 | - | 54.8 | 45.8 | 9.0 |
| 10:10 PM - 10:15 PM | 54.0 | 46.7 | 7.3 | 1.0 | - | 56.0 | 45.2 | 10.8 |
| 10:15 PM - 10:20 PM | 53.8 | 47.3 | 6.5 | 1.0 | - | 55.8 | 45.9 | 9.9 |
| 10:20 PM - 10:25 PM | 55.5 | 48.4 | 7.1 | 1.0 | - | 57.5 | 47.1 | 10.4 |
| 10:25 PM - 10:30 PM | 53.2 | 47.8 | 5.4 | 1.5 | - | 54.7 | 46.2 | 8.5 |
| 10:30 PM - 10:35 PM | 54.4 | 45.5 | 8.9 | 0.5 | - | 56.9 | 44.2 | 12.7 |
| 10:35 PM - 10:40 PM | 55.3 | 44.8 | 10.5 | 0.5 | - | 57.8 | 43.5 | 14.3 |
| 10:40 PM - 10:45 PM | 53.8 | 45.6 | 8.2 | 0.5 | - | 56.3 | 43.7 | 12.6 |
| 10:45 PM - 10:50 PM | 54.1 | 45.3 | 8.8 | 0.5 | - | 56.6 | 43.5 | 13.1 |
| 10:50 PM - 10:55 PM | 52.1 | 45.4 | 6.7 | 1.0 | - | 54.1 | 43.7 | 10.4 |
| 10:55 PM - 11:00 PM | 52.8 | 43.9 | 8.9 | 0.5 | - | 55.3 | 41.8 | 13.5 |
| 11:00 PM - 11:05 PM | 52.2 | 44.6 | 7.6 | 0.5 | - | 54.7 | 42.8 | 11.9 |
| 11:05 PM - 11:10 PM | 53.0 | 45.5 | 7.5 | 0.5 | - | 55.5 | 44.2 | 11.3 |
| 11:10 PM - 11:15 PM | 52.8 | 44.3 | 8.5 | 0.5 | - | 55.3 | 42.9 | 12.4 |
| 11:15 PM - 11:20 PM | 50.8 | 44.5 | 6.3 | 1.5 | - | 52.3 | 41.1 | 11.2 |
| 11:20 PM - 11:25 PM | 52.0 | 45.0 | 7.0 | 1.0 | - | 54.0 | 40.5 | 13.5 |
| 11:25 PM - 11:30 PM | 52.1 | 48.4 | 3.7 | 2.0 | - | 53.1 | 42.5 | 10.6 |
| 11:30 PM - 11:35 PM | 52.8 | 43.1 | 9.7 | 0.5 | - | 55.3 | 41.7 | 13.6 |
| 11:35 PM - 11:40 PM | 52.3 | 44.7 | 7.6 | 0.5 | - | 54.8 | 43.1 | 11.7 |
| 11:40 PM - 11:45 PM | 51.7 | 45.5 | 6.2 | 1.5 | - | 53.2 | 42.8 | 10.4 |
| 11:45 PM - 11:50 PM | 53.1 | 47.2 | 5.9 | 1.5 | - | 54.6 | 45.7 | 8.9 |
| 11:50 PM - 11:55 PM | 52.9 | 47.1 | 5.8 | 1.5 | - | 54.4 | 45.8 | 8.6 |
| 11:55 PM - 12:00 AM | 53.5 | 46.9 | 6.6 | 1.0 | - | 55.5 | 45.9 | 9.6 |
| 12:00 AM - 12:05 AM | 53.1 | 46.9 | 6.2 | 1.5 | - | 54.6 | 46.0 | 8.6 |
| 12:05 AM - 12:10 AM | 55.0 | 47.1 | 7.9 | 0.5 | - | 57.5 | 46.1 | 11.4 |
| 12:10 AM - 12:15 AM | 53.5 | 47.4 | 6.1 | 1.5 | - | 55.0 | 46.4 | 8.6 |
| 12:15 AM - 12:20 AM | 52.0 | 50.2 | 1.8 | 4.5 | - | 50.5 | 46.6 | 3.9 |
| 12:20 AM - 12:25 AM | 53.0 | 49.0 | 4.0 | 2.0 | - | 54.0 | 47.3 | 6.7 |
| 12:25 AM - 12:30 AM | 52.3 | 49.2 | 3.1 | 3.0 | - | 52.3 | 47.6 | 4.7 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673488-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-19
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

| ระดับเสียง (dB(A)) | | | | | | | | |
|---------------------|--------------------------------|----------------------------------|-------------------------------|-------------------|-----------------------------------|-----------------|---------------------|-------------------------------|
| เวลา | (A) เสียงจาก แหล่งกำเนิด | (B) เสียงขณะ ไม่มีการรบกวน | (A-B) ผลต่าง ระดับเสียง | (C) ตัวปรับค่า | (D) ปรับค่าเสียงจากแหล่งกำเนิด | | (E) เสียงพื้นฐาน | (D-E) ค่าระดับ การรบกวน |
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:30 AM - 12:35 AM | 52.6 | 49.3 | 3.3 | 3.0 | - | 52.6 | 47.7 | 4.9 |
| 12:35 AM - 12:40 AM | 52.7 | 49.1 | 3.6 | 2.0 | - | 53.7 | 46.8 | 6.9 |
| 12:40 AM - 12:45 AM | 52.1 | 49.7 | 2.4 | 4.5 | - | 50.6 | 47.1 | 3.5 |
| 12:45 AM - 12:50 AM | 52.5 | 50.1 | 2.4 | 4.5 | - | 51.0 | 47.1 | 3.9 |
| 12:50 AM - 12:55 AM | 54.3 | 50.1 | 4.2 | 2.0 | - | 55.3 | 46.8 | 8.5 |
| 12:55 AM - 01:00 AM | 55.3 | 49.2 | 6.1 | 1.5 | - | 56.8 | 46.8 | 10.0 |
| 01:00 AM - 01:05 AM | 55.3 | 49.4 | 5.9 | 1.5 | - | 56.8 | 47.6 | 9.2 |
| 01:05 AM - 01:10 AM | 54.5 | 48.1 | 6.4 | 1.5 | - | 56.0 | 45.9 | 10.1 |
| 01:10 AM - 01:15 AM | 54.8 | 46.7 | 8.1 | 0.5 | - | 57.3 | 45.9 | 11.4 |
| 01:15 AM - 01:20 AM | 55.2 | 53.2 | 2.0 | 4.5 | - | 53.7 | 52.9 | 0.8 |
| 01:20 AM - 01:25 AM | 53.3 | 51.3 | 2.0 | 4.5 | - | 51.8 | 45.7 | 6.1 |
| 01:25 AM - 01:30 AM | 55.0 | 46.4 | 8.6 | 0.5 | - | 57.5 | 45.4 | 12.1 |
| 01:30 AM - 01:35 AM | 55.1 | 48.4 | 6.7 | 1.0 | - | 57.1 | 45.8 | 11.3 |
| 01:35 AM - 01:40 AM | 55.0 | 46.8 | 8.2 | 0.5 | - | 57.5 | 45.5 | 12.0 |
| 01:40 AM - 01:45 AM | 55.9 | 50.8 | 5.1 | 1.5 | - | 57.4 | 48.3 | 9.1 |
| 01:45 AM - 01:50 AM | 55.4 | 49.2 | 6.2 | 1.5 | - | 56.9 | 48.2 | 8.7 |
| 01:50 AM - 01:55 AM | 55.2 | 48.3 | 6.9 | 1.0 | - | 57.2 | 46.2 | 11.0 |
| 01:55 AM - 02:00 AM | 55.8 | 47.6 | 8.2 | 0.5 | - | 58.3 | 46.6 | 11.7 |
| 02:00 AM - 02:05 AM | 55.2 | 46.8 | 8.4 | 0.5 | - | 57.7 | 45.8 | 11.9 |
| 02:05 AM - 02:10 AM | 54.6 | 48.2 | 6.4 | 1.5 | - | 56.1 | 45.7 | 10.4 |
| 02:10 AM - 02:15 AM | 54.7 | 47.7 | 7.0 | 1.0 | - | 56.7 | 46.3 | 10.4 |
| 02:15 AM - 02:20 AM | 55.6 | 49.8 | 5.8 | 1.5 | - | 57.1 | 47.6 | 9.5 |
| 02:20 AM - 02:25 AM | 56.5 | 50.2 | 6.3 | 1.5 | - | 58.0 | 49.8 | 8.2 |
| 02:25 AM - 02:30 AM | 55.1 | 47.8 | 7.3 | 1.0 | - | 57.1 | 46.2 | 10.9 |
| 02:30 AM - 02:35 AM | 56.3 | 46.1 | 10.2 | 0.5 | - | 58.8 | 45.2 | 13.6 |
| 02:35 AM - 02:40 AM | 57.8 | 44.8 | 13.0 | 0.0 | - | 60.8 | 43.7 | 17.1 |
| 02:40 AM - 02:45 AM | 57.3 | 44.7 | 12.6 | 0.0 | - | 60.3 | 43.8 | 16.5 |
| 02:45 AM - 02:50 AM | 57.4 | 45.7 | 11.7 | 0.5 | - | 59.9 | 44.0 | 15.9 |
| 02:50 AM - 02:55 AM | 58.4 | 46.6 | 11.8 | 0.5 | - | 60.9 | 44.4 | 16.5 |
| 02:55 AM - 03:00 AM | 57.1 | 45.8 | 11.3 | 0.5 | - | 59.6 | 44.7 | 14.9 |
| 03:00 AM - 03:05 AM | 56.4 | 45.6 | 10.8 | 0.5 | - | 58.9 | 44.0 | 14.9 |
| 03:05 AM - 03:10 AM | 58.3 | 47.3 | 11.0 | 0.5 | - | 60.8 | 45.3 | 15.5 |
| 03:10 AM - 03:15 AM | 58.2 | 47.7 | 10.5 | 0.5 | - | 60.7 | 47.1 | 13.6 |
| 03:15 AM - 03:20 AM | 58.0 | 47.2 | 10.8 | 0.5 | - | 60.5 | 45.9 | 14.6 |
| 03:20 AM - 03:25 AM | 60.0 | 46.5 | 13.5 | 0.0 | - | 63.0 | 45.4 | 17.6 |
| 03:25 AM - 03:30 AM | 57.4 | 46.4 | 11.0 | 0.5 | - | 59.9 | 45.3 | 14.6 |
| 03:30 AM - 03:35 AM | 58.2 | 45.3 | 12.9 | 0.0 | - | 61.2 | 43.5 | 17.7 |
| 03:35 AM - 03:40 AM | 57.1 | 45.7 | 11.4 | 0.5 | - | 59.6 | 43.2 | 16.4 |
| 03:40 AM - 03:45 AM | 56.6 | 47.5 | 9.1 | 0.5 | - | 59.1 | 46.2 | 12.9 |
| 03:45 AM - 03:50 AM | 55.0 | 48.0 | 7.0 | 1.0 | - | 57.0 | 46.8 | 10.2 |

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

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673488-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-19
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 03:50 AM - 03:55 AM | 55.7 | 47.5 | 8.2 | 0.5 | - | 58.2 | 44.7 | 13.5 |
| 03:55 AM - 04:00 AM | 56.9 | 45.3 | 11.6 | 0.5 | - | 59.4 | 43.5 | 15.9 |
| 04:00 AM - 04:05 AM | 56.6 | 45.6 | 11.0 | 0.5 | - | 59.1 | 43.5 | 15.6 |
| 04:05 AM - 04:10 AM | 55.7 | 45.1 | 10.6 | 0.5 | - | 58.2 | 43.2 | 15.0 |
| 04:10 AM - 04:15 AM | 57.4 | 44.3 | 13.1 | 0.0 | - | 60.4 | 42.4 | 18.0 |
| 04:15 AM - 04:20 AM | 57.3 | 44.2 | 13.1 | 0.0 | - | 60.3 | 42.9 | 17.4 |
| 04:20 AM - 04:25 AM | 56.2 | 43.4 | 12.8 | 0.0 | - | 59.2 | 41.8 | 17.4 |
| 04:25 AM - 04:30 AM | 54.0 | 44.5 | 9.5 | 0.5 | - | 56.5 | 41.4 | 15.1 |
| 04:30 AM - 04:35 AM | 58.0 | 48.0 | 10.0 | 0.5 | - | 60.5 | 44.9 | 15.6 |
| 04:35 AM - 04:40 AM | 54.6 | 46.5 | 8.1 | 0.5 | - | 57.1 | 45.6 | 11.5 |
| 04:40 AM - 04:45 AM | 55.9 | 47.0 | 8.9 | 0.5 | - | 58.4 | 46.1 | 12.3 |
| 04:45 AM - 04:50 AM | 55.4 | 47.0 | 8.4 | 0.5 | - | 57.9 | 46.1 | 11.8 |
| 04:50 AM - 04:55 AM | 55.4 | 46.7 | 8.7 | 0.5 | - | 57.9 | 45.7 | 12.2 |
| 04:55 AM - 05:00 AM | 55.3 | 46.6 | 8.7 | 0.5 | - | 57.8 | 45.6 | 12.2 |
| 05:00 AM - 05:05 AM | 57.5 | 43.3 | 14.2 | 0.0 | - | 60.5 | 40.7 | 19.8 |
| 05:05 AM - 05:10 AM | 54.9 | 41.6 | 13.3 | 0.0 | - | 57.9 | 40.6 | 17.3 |
| 05:10 AM - 05:15 AM | 55.2 | 41.7 | 13.5 | 0.0 | - | 58.2 | 40.7 | 17.5 |
| 05:15 AM - 05:20 AM | 56.9 | 41.6 | 15.3 | 0.0 | - | 59.9 | 40.5 | 19.4 |
| 05:20 AM - 05:25 AM | 55.3 | 41.7 | 13.6 | 0.0 | - | 58.3 | 40.7 | 17.6 |
| 05:25 AM - 05:30 AM | 57.9 | 41.5 | 16.4 | 0.0 | - | 60.9 | 40.7 | 20.2 |
| 05:30 AM - 05:35 AM | 57.4 | 42.4 | 15.0 | 0.0 | - | 60.4 | 41.0 | 19.4 |
| 05:35 AM - 05:40 AM | 56.7 | 43.4 | 13.3 | 0.0 | - | 59.7 | 42.1 | 17.6 |
| 05:40 AM - 05:45 AM | 55.5 | 43.1 | 12.4 | 0.5 | - | 58.0 | 41.8 | 16.2 |
| 05:45 AM - 05:50 AM | 56.1 | 43.0 | 13.1 | 0.0 | - | 59.1 | 41.8 | 17.3 |
| 05:50 AM - 05:55 AM | 55.2 | 48.3 | 6.9 | 1.0 | - | 57.2 | 41.9 | 15.3 |
| 05:55 AM - 06:00 AM | 58.2 | 43.0 | 15.2 | 0.0 | - | 61.2 | 41.6 | 19.6 |
| 06:00 AM - 07:00 AM | 54.0 | 50.6 | 3.4 | 3.0 | 51.0 | - | 44.9 | 6.1 |
| 07:00 AM - 08:00 AM | 52.1 | 48.0 | 4.1 | 2.0 | 50.1 | - | 42.6 | 7.5 |
| 08:00 AM - 09:00 AM | 53.4 | 51.6 | 1.8 | 4.5 | 48.9 | - | 42.4 | 6.5 |
| 09:00 AM - 10:00 AM | 53.0 | 50.0 | 3.0 | 3.0 | 50.0 | - | 39.2 | 10.8 |
| 10:00 AM - 11:00 AM | 49.5 | 47.7 | 1.8 | 4.5 | 45.0 | - | 38.8 | 6.2 |
| 11:00 AM - 12:00 PM | 49.5 | 51.1 | -1.6 | 7.0 | 42.5 | - | 39.6 | 2.9 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 27-28 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-19 วันที่ตรวจวัด 27-28 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673489-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-20
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|--------------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 49.9 | 48.1 | 1.8 | 4.5 | 45.4 | - | 41.0 | 4.4 |
| 01:00 PM - 02:00 PM | 48.5 | 48.6 | -0.1 | 7.0 | 41.5 | - | 39.5 | 2.0 |
| 02:00 PM - 03:00 PM | 47.6 | 44.2 | 3.4 | 3.0 | 44.6 | - | 39.5 | 5.1 |
| 03:00 PM - 04:00 PM | 47.6 | 51.4 | -3.8 | 7.0 | 40.6 | - | 38.9 | 1.7 |
| 04:00 PM - 05:00 PM | 48.0 | 47.3 | 0.7 | 7.0 | 41.0 | - | 40.5 | 0.5 |
| 05:00 PM - 06:00 PM | 47.4 | 50.1 | -2.7 | 7.0 | 40.4 | - | 41.0 | -0.6 |
| 06:00 PM - 07:00 PM | 47.6 | 55.2 | -7.6 | 7.0 | 40.6 | - | 41.9 | -1.3 |
| 07:00 PM - 08:00 PM | 49.1 | 50.5 | -1.4 | 7.0 | 42.1 | - | 42.3 | -0.2 |
| 08:00 PM - 09:00 PM | 53.2 | 52.3 | 0.9 | 7.0 | 46.2 | - | 50.2 | -4.0 |
| 09:00 PM - 10:00 PM | 56.9 | 52.1 | 4.8 | 1.5 | 55.4 | - | 44.5 | 10.9 |
| 10:00 PM - 10:05 PM | 52.7 | 47.8 | 4.9 | 1.5 | - | 54.2 | 46.1 | 8.1 |
| 10:05 PM - 10:10 PM | 55.4 | 49.7 | 5.7 | 1.5 | - | 56.9 | 45.4 | 11.5 |
| 10:10 PM - 10:15 PM | 52.9 | 46.3 | 6.6 | 1.0 | - | 54.9 | 44.9 | 10.0 |
| 10:15 PM - 10:20 PM | 53.1 | 46.7 | 6.4 | 1.5 | - | 54.6 | 45.4 | 9.2 |
| 10:20 PM - 10:25 PM | 52.9 | 47.4 | 5.5 | 1.5 | - | 54.4 | 45.9 | 8.5 |
| 10:25 PM - 10:30 PM | 54.4 | 47.8 | 6.6 | 1.0 | - | 56.4 | 46.4 | 10.0 |
| 10:30 PM - 10:35 PM | 54.6 | 47.0 | 7.6 | 0.5 | - | 57.1 | 45.1 | 12.0 |
| 10:35 PM - 10:40 PM | 53.8 | 48.6 | 5.2 | 1.5 | - | 55.3 | 47.2 | 8.1 |
| 10:40 PM - 10:45 PM | 52.8 | 49.1 | 3.7 | 2.0 | - | 53.8 | 47.1 | 6.7 |
| 10:45 PM - 10:50 PM | 52.0 | 49.6 | 2.4 | 4.5 | - | 50.5 | 48.0 | 2.5 |
| 10:50 PM - 10:55 PM | 55.5 | 49.0 | 6.5 | 1.0 | - | 57.5 | 47.7 | 9.8 |
| 10:55 PM - 11:00 PM | 54.5 | 49.8 | 4.7 | 1.5 | - | 56.0 | 48.4 | 7.6 |
| 11:00 PM - 11:05 PM | 56.9 | 49.9 | 7.0 | 1.0 | - | 58.9 | 48.4 | 10.5 |
| 11:05 PM - 11:10 PM | 56.2 | 49.2 | 7.0 | 1.0 | - | 58.2 | 47.1 | 11.1 |
| 11:10 PM - 11:15 PM | 55.7 | 49.4 | 6.3 | 1.5 | - | 57.2 | 47.7 | 9.5 |
| 11:15 PM - 11:20 PM | 56.4 | 49.5 | 6.9 | 1.0 | - | 58.4 | 47.9 | 10.5 |
| 11:20 PM - 11:25 PM | 55.8 | 49.7 | 6.1 | 1.5 | - | 57.3 | 48.4 | 8.9 |
| 11:25 PM - 11:30 PM | 56.7 | 51.0 | 5.7 | 1.5 | - | 58.2 | 48.5 | 9.7 |
| 11:30 PM - 11:35 PM | 56.2 | 49.7 | 6.5 | 1.0 | - | 58.2 | 48.4 | 9.8 |
| 11:35 PM - 11:40 PM | 55.0 | 48.5 | 6.5 | 1.0 | - | 57.0 | 46.6 | 10.4 |
| 11:40 PM - 11:45 PM | 56.1 | 48.2 | 7.9 | 0.5 | - | 58.6 | 46.7 | 11.9 |
| 11:45 PM - 11:50 PM | 56.1 | 48.3 | 7.8 | 0.5 | - | 58.6 | 46.8 | 11.8 |
| 11:50 PM - 11:55 PM | 55.6 | 47.7 | 7.9 | 0.5 | - | 58.1 | 46.4 | 11.7 |
| 11:55 PM - 12:00 AM | 56.2 | 47.9 | 8.3 | 0.5 | - | 58.7 | 46.5 | 12.2 |
| 12:00 AM - 12:05 AM | 56.0 | 47.5 | 8.5 | 0.5 | - | 58.5 | 45.8 | 12.7 |
| 12:05 AM - 12:10 AM | 56.9 | 47.4 | 9.5 | 0.5 | - | 59.4 | 45.8 | 13.6 |
| 12:10 AM - 12:15 AM | 55.3 | 46.9 | 8.4 | 0.5 | - | 57.8 | 45.2 | 12.6 |
| 12:15 AM - 12:20 AM | 55.7 | 46.7 | 9.0 | 0.5 | - | 58.2 | 45.2 | 13.0 |
| 12:20 AM - 12:25 AM | 57.3 | 46.5 | 10.8 | 0.5 | - | 59.8 | 45.0 | 14.8 |
| 12:25 AM - 12:30 AM | 56.2 | 47.8 | 8.4 | 0.5 | - | 58.7 | 46.5 | 12.2 |

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Approved by

WilB.

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673489-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-20
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:30 AM - 12:35 AM | 56.6 | 48.2 | 8.4 | 0.5 | - | 59.1 | 46.8 | 12.3 |
| 12:35 AM - 12:40 AM | 56.0 | 48.5 | 7.5 | 0.5 | - | 58.5 | 47.2 | 11.3 |
| 12:40 AM - 12:45 AM | 57.1 | 48.4 | 8.7 | 0.5 | - | 59.6 | 47.2 | 12.4 |
| 12:45 AM - 12:50 AM | 55.9 | 47.7 | 8.2 | 0.5 | - | 58.4 | 46.4 | 12.0 |
| 12:50 AM - 12:55 AM | 56.6 | 47.4 | 9.2 | 0.5 | - | 59.1 | 46.0 | 13.1 |
| 12:55 AM - 01:00 AM | 57.1 | 47.5 | 9.6 | 0.5 | - | 59.6 | 46.3 | 13.3 |
| 01:00 AM - 01:05 AM | 57.5 | 46.6 | 10.9 | 0.5 | - | 60.0 | 45.0 | 15.0 |
| 01:05 AM - 01:10 AM | 57.8 | 46.9 | 10.9 | 0.5 | - | 60.3 | 45.7 | 14.6 |
| 01:10 AM - 01:15 AM | 57.7 | 46.5 | 11.2 | 0.5 | - | 60.2 | 45.3 | 14.9 |
| 01:15 AM - 01:20 AM | 56.9 | 46.2 | 10.7 | 0.5 | - | 59.4 | 45.5 | 13.9 |
| 01:20 AM - 01:25 AM | 58.6 | 45.8 | 12.8 | 0.0 | - | 61.6 | 45.3 | 16.3 |
| 01:25 AM - 01:30 AM | 58.2 | 45.9 | 12.3 | 0.5 | - | 60.7 | 45.5 | 15.2 |
| 01:30 AM - 01:35 AM | 57.3 | 46.5 | 10.8 | 0.5 | - | 59.8 | 45.8 | 14.0 |
| 01:35 AM - 01:40 AM | 56.1 | 46.6 | 9.5 | 0.5 | - | 58.6 | 45.8 | 12.8 |
| 01:40 AM - 01:45 AM | 56.6 | 46.3 | 10.3 | 0.5 | - | 59.1 | 45.7 | 13.4 |
| 01:45 AM - 01:50 AM | 57.0 | 46.1 | 10.9 | 0.5 | - | 59.5 | 45.4 | 14.1 |
| 01:50 AM - 01:55 AM | 56.0 | 45.8 | 10.2 | 0.5 | - | 58.5 | 45.2 | 13.3 |
| 01:55 AM - 02:00 AM | 56.5 | 45.4 | 11.1 | 0.5 | - | 59.0 | 44.8 | 14.2 |
| 02:00 AM - 02:05 AM | 56.3 | 47.8 | 8.5 | 0.5 | - | 58.8 | 45.6 | 13.2 |
| 02:05 AM - 02:10 AM | 56.6 | 46.1 | 10.5 | 0.5 | - | 59.1 | 44.5 | 14.6 |
| 02:10 AM - 02:15 AM | 56.9 | 44.8 | 12.1 | 0.5 | - | 59.4 | 44.2 | 15.2 |
| 02:15 AM - 02:20 AM | 57.3 | 45.2 | 12.1 | 0.5 | - | 59.8 | 44.6 | 15.2 |
| 02:20 AM - 02:25 AM | 55.9 | 45.4 | 10.5 | 0.5 | - | 58.4 | 44.5 | 13.9 |
| 02:25 AM - 02:30 AM | 56.9 | 45.4 | 11.5 | 0.5 | - | 59.4 | 44.5 | 14.9 |
| 02:30 AM - 02:35 AM | 56.4 | 45.1 | 11.3 | 0.5 | - | 58.9 | 44.5 | 14.4 |
| 02:35 AM - 02:40 AM | 57.8 | 45.9 | 11.9 | 0.5 | - | 60.3 | 45.1 | 15.2 |
| 02:40 AM - 02:45 AM | 55.9 | 45.9 | 10.0 | 0.5 | - | 58.4 | 44.9 | 13.5 |
| 02:45 AM - 02:50 AM | 54.8 | 45.7 | 9.1 | 0.5 | - | 57.3 | 44.6 | 12.7 |
| 02:50 AM - 02:55 AM | 54.2 | 46.9 | 7.3 | 1.0 | - | 56.2 | 45.3 | 10.9 |
| 02:55 AM - 03:00 AM | 56.3 | 46.9 | 9.4 | 0.5 | - | 58.8 | 45.3 | 13.5 |
| 03:00 AM - 03:05 AM | 53.5 | 48.7 | 4.8 | 1.5 | - | 55.0 | 44.9 | 10.1 |
| 03:05 AM - 03:10 AM | 52.5 | 49.6 | 2.9 | 3.0 | - | 52.5 | 47.1 | 5.4 |
| 03:10 AM - 03:15 AM | 54.0 | 48.0 | 6.0 | 1.5 | - | 55.5 | 46.5 | 9.0 |
| 03:15 AM - 03:20 AM | 53.9 | 47.0 | 6.9 | 1.0 | - | 55.9 | 45.5 | 10.4 |
| 03:20 AM - 03:25 AM | 56.1 | 48.7 | 7.4 | 1.0 | - | 58.1 | 47.2 | 10.9 |
| 03:25 AM - 03:30 AM | 53.9 | 48.2 | 5.7 | 1.5 | - | 55.4 | 46.3 | 9.1 |
| 03:30 AM - 03:35 AM | 55.5 | 46.2 | 9.3 | 0.5 | - | 58.0 | 45.3 | 12.7 |
| 03:35 AM - 03:40 AM | 56.7 | 47.2 | 9.5 | 0.5 | - | 59.2 | 45.5 | 13.7 |
| 03:40 AM - 03:45 AM | 56.2 | 46.8 | 9.4 | 0.5 | - | 58.7 | 45.3 | 13.4 |
| 03:45 AM - 03:50 AM | 56.9 | 45.7 | 11.2 | 0.5 | - | 59.4 | 44.8 | 14.6 |

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Approved by

Wilaw B.

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673489-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-20
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

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 | 55.8 | 46.9 | 8.9 | 0.5 | - | 58.3 | 44.8 | 13.5 |
| 03:55 AM - 04:00 AM | 55.2 | 49.5 | 5.7 | 1.5 | - | 56.7 | 48.3 | 8.4 |
| 04:00 AM - 04:05 AM | 56.7 | 50.1 | 6.6 | 1.0 | - | 58.7 | 49.6 | 9.1 |
| 04:05 AM - 04:10 AM | 56.8 | 50.6 | 6.2 | 1.5 | - | 58.3 | 49.6 | 8.7 |
| 04:10 AM - 04:15 AM | 57.6 | 46.7 | 10.9 | 0.5 | - | 60.1 | 43.7 | 16.4 |
| 04:15 AM - 04:20 AM | 55.8 | 46.0 | 9.8 | 0.5 | - | 58.3 | 44.3 | 14.0 |
| 04:20 AM - 04:25 AM | 58.1 | 47.0 | 11.1 | 0.5 | - | 60.6 | 44.5 | 16.1 |
| 04:25 AM - 04:30 AM | 57.6 | 45.9 | 11.7 | 0.5 | - | 60.1 | 44.5 | 15.6 |
| 04:30 AM - 04:35 AM | 56.1 | 44.9 | 11.2 | 0.5 | - | 58.6 | 43.9 | 14.7 |
| 04:35 AM - 04:40 AM | 57.0 | 45.1 | 11.9 | 0.5 | - | 59.5 | 44.0 | 15.5 |
| 04:40 AM - 04:45 AM | 54.6 | 45.3 | 9.3 | 0.5 | - | 57.1 | 44.1 | 13.0 |
| 04:45 AM - 04:50 AM | 55.0 | 44.8 | 10.2 | 0.5 | - | 57.5 | 43.8 | 13.7 |
| 04:50 AM - 04:55 AM | 54.6 | 44.8 | 9.8 | 0.5 | - | 57.1 | 43.4 | 13.7 |
| 04:55 AM - 05:00 AM | 54.5 | 43.5 | 11.0 | 0.5 | - | 57.0 | 42.9 | 14.1 |
| 05:00 AM - 05:05 AM | 55.5 | 44.2 | 11.3 | 0.5 | - | 58.0 | 43.5 | 14.5 |
| 05:05 AM - 05:10 AM | 55.4 | 44.4 | 11.0 | 0.5 | - | 57.9 | 43.6 | 14.3 |
| 05:10 AM - 05:15 AM | 54.9 | 45.6 | 9.3 | 0.5 | - | 57.4 | 44.5 | 12.9 |
| 05:15 AM - 05:20 AM | 55.9 | 44.9 | 11.0 | 0.5 | - | 58.4 | 43.6 | 14.8 |
| 05:20 AM - 05:25 AM | 57.4 | 44.0 | 13.4 | 0.0 | - | 60.4 | 43.2 | 17.2 |
| 05:25 AM - 05:30 AM | 56.2 | 43.5 | 12.7 | 0.0 | - | 59.2 | 42.9 | 16.3 |
| 05:30 AM - 05:35 AM | 54.9 | 43.8 | 11.1 | 0.5 | - | 57.4 | 42.6 | 14.8 |
| 05:35 AM - 05:40 AM | 58.0 | 43.4 | 14.6 | 0.0 | - | 61.0 | 42.6 | 18.4 |
| 05:40 AM - 05:45 AM | 56.8 | 43.9 | 12.9 | 0.0 | - | 59.8 | 43.0 | 16.8 |
| 05:45 AM - 05:50 AM | 56.6 | 43.5 | 13.1 | 0.0 | - | 59.6 | 42.8 | 16.8 |
| 05:50 AM - 05:55 AM | 54.9 | 47.7 | 7.2 | 1.0 | - | 56.9 | 42.5 | 14.4 |
| 05:55 AM - 06:00 AM | 54.9 | 42.7 | 12.2 | 0.5 | - | 57.4 | 41.9 | 15.5 |
| 06:00 AM - 07:00 AM | 56.3 | 51.9 | 4.4 | 2.0 | 54.3 | - | 44.7 | 9.6 |
| 07:00 AM - 08:00 AM | 56.3 | 50.2 | 6.1 | 1.5 | 54.8 | - | 44.7 | 10.1 |
| 08:00 AM - 09:00 AM | 57.9 | 50.8 | 7.1 | 1.0 | 56.9 | - | 43.0 | 13.9 |
| 09:00 AM - 10:00 AM | 55.2 | 47.5 | 7.7 | 0.5 | 54.7 | - | 42.1 | 12.6 |
| 10:00 AM - 11:00 AM | 55.3 | 47.5 | 7.8 | 0.5 | 54.8 | - | 42.2 | 12.6 |
| 11:00 AM - 12:00 PM | 58.0 | 46.5 | 11.5 | 0.5 | 57.5 | - | 41.1 | 16.4 |
| ค่ามาตรฐาน | | | | | | | | ≤ 10 |

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 28-29 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-20 วันที่ตรวจวัด 28-29 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673490-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351988-21
Parameter เสียงรบกวน
Location บริเวณประตูจอดรถยนต์ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

ระดับเสียง (dB(A))

| เวลา | เสียงจาก แหล่งกำเนิด (A) | เสียงขณะ ไม่มีการรบกวน (B) | ผลต่าง ระดับเสียง (A-B) | ตัวปรับค่า (C) | ปรับค่าเสียงจากแหล่งกำเนิด (D) | | เสียงพื้นฐาน (E) | ค่าระดับ การรบกวน (D-E) |
|---------------------|-----------------------------|-------------------------------|----------------------------|-------------------|--------------------------------|-----------------|---------------------|----------------------------|
| | | | | | กลางวัน (A-C) | กลางคืน (A-C)+3 | | |
| 12:00 PM - 01:00 PM | 57.2 | 46.6 | 10.6 | 0.5 | 56.7 | - | 38.5 | 18.2 |
| 01:00 PM - 02:00 PM | 56.8 | 47.5 | 9.3 | 0.5 | 56.3 | - | 36.8 | 19.5 |
| 02:00 PM - 03:00 PM | 56.5 | 45.8 | 10.7 | 0.5 | 56.0 | - | 39.1 | 16.9 |
| 03:00 PM - 04:00 PM | 56.7 | 45.7 | 11.0 | 0.5 | 56.2 | - | 40.1 | 16.1 |
| 04:00 PM - 05:00 PM | 53.6 | 46.7 | 6.9 | 1.0 | 52.6 | - | 40.7 | 11.9 |
| 05:00 PM - 06:00 PM | 52.7 | 54.9 | -2.2 | 7.0 | 45.7 | - | 38.9 | 6.8 |
| 06:00 PM - 07:00 PM | 50.4 | 47.8 | 2.6 | 3.0 | 47.4 | - | 39.7 | 7.7 |
| 07:00 PM - 08:00 PM | 51.3 | 51.5 | -0.2 | 7.0 | 44.3 | - | 41.5 | 2.8 |
| 08:00 PM - 09:00 PM | 49.1 | 50.3 | -1.2 | 7.0 | 42.1 | - | 46.9 | -4.8 |
| 09:00 PM - 10:00 PM | 48.1 | 47.0 | 1.1 | 7.0 | 41.1 | - | 44.8 | -3.7 |
| 10:00 PM - 10:05 PM | 48.7 | 44.2 | 4.5 | 1.5 | - | 50.2 | 43.2 | 7.0 |
| 10:05 PM - 10:10 PM | 48.5 | 45.0 | 3.5 | 2.0 | - | 49.5 | 43.7 | 5.8 |
| 10:10 PM - 10:15 PM | 48.7 | 46.1 | 2.6 | 3.0 | - | 48.7 | 45.0 | 3.7 |
| 10:15 PM - 10:20 PM | 48.7 | 45.8 | 2.9 | 3.0 | - | 48.7 | 44.6 | 4.1 |
| 10:20 PM - 10:25 PM | 51.1 | 45.0 | 6.1 | 1.5 | - | 52.6 | 43.8 | 8.8 |
| 10:25 PM - 10:30 PM | 53.5 | 44.5 | 9.0 | 0.5 | - | 56.0 | 43.8 | 12.2 |
| 10:30 PM - 10:35 PM | 53.3 | 45.3 | 8.0 | 0.5 | - | 55.8 | 44.2 | 11.6 |
| 10:35 PM - 10:40 PM | 52.4 | 44.8 | 7.6 | 0.5 | - | 54.9 | 44.1 | 10.8 |
| 10:40 PM - 10:45 PM | 52.6 | 45.6 | 7.0 | 1.0 | - | 54.6 | 44.4 | 10.2 |
| 10:45 PM - 10:50 PM | 53.3 | 45.5 | 7.8 | 0.5 | - | 55.8 | 44.8 | 11.0 |
| 10:50 PM - 10:55 PM | 53.2 | 45.6 | 7.6 | 0.5 | - | 55.7 | 44.8 | 10.9 |
| 10:55 PM - 11:00 PM | 51.8 | 45.4 | 6.4 | 1.5 | - | 53.3 | 44.5 | 8.8 |
| 11:00 PM - 11:05 PM | 53.0 | 45.5 | 7.5 | 0.5 | - | 55.5 | 44.4 | 11.1 |
| 11:05 PM - 11:10 PM | 53.9 | 45.4 | 8.5 | 0.5 | - | 56.4 | 44.5 | 11.9 |
| 11:10 PM - 11:15 PM | 54.5 | 46.3 | 8.2 | 0.5 | - | 57.0 | 44.9 | 12.1 |
| 11:15 PM - 11:20 PM | 52.9 | 46.4 | 6.5 | 1.0 | - | 54.9 | 45.5 | 9.4 |
| 11:20 PM - 11:25 PM | 52.8 | 47.1 | 5.7 | 1.5 | - | 54.3 | 46.0 | 8.3 |
| 11:25 PM - 11:30 PM | 52.4 | 47.2 | 5.2 | 1.5 | - | 53.9 | 45.8 | 8.1 |
| 11:30 PM - 11:35 PM | 53.4 | 47.4 | 6.0 | 1.5 | - | 54.9 | 45.9 | 9.0 |
| 11:35 PM - 11:40 PM | 54.4 | 46.9 | 7.5 | 0.5 | - | 56.9 | 45.3 | 11.6 |
| 11:40 PM - 11:45 PM | 52.7 | 46.2 | 6.5 | 1.0 | - | 54.7 | 45.2 | 9.5 |
| 11:45 PM - 11:50 PM | 56.3 | 46.8 | 9.5 | 0.5 | - | 58.8 | 45.8 | 13.0 |
| 11:50 PM - 11:55 PM | 53.5 | 48.9 | 4.6 | 1.5 | - | 55.0 | 46.0 | 9.0 |
| 11:55 PM - 12:00 AM | 55.0 | 46.1 | 8.9 | 0.5 | - | 57.5 | 44.6 | 12.9 |
| 12:00 AM - 12:05 AM | 53.7 | 45.6 | 8.1 | 0.5 | - | 56.2 | 44.6 | 11.6 |
| 12:05 AM - 12:10 AM | 54.0 | 45.5 | 8.5 | 0.5 | - | 56.5 | 44.7 | 11.8 |
| 12:10 AM - 12:15 AM | 52.5 | 46.3 | 6.2 | 1.5 | - | 54.0 | 45.2 | 8.8 |
| 12:15 AM - 12:20 AM | 53.3 | 46.3 | 7.0 | 1.0 | - | 55.3 | 45.3 | 10.0 |
| 12:20 AM - 12:25 AM | 55.6 | 46.2 | 9.4 | 0.5 | - | 58.1 | 45.2 | 12.9 |
| 12:25 AM - 12:30 AM | 52.8 | 46.1 | 6.7 | 1.0 | - | 54.8 | 45.1 | 9.7 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673490-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351988-21
Parameter เสียงรบกวน
Location บริเวณประตูจอดรถยนต์ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

| ระดับเสียง (dB(A)) | | | | | | | | |
|---------------------|---------------------|-----------------------|------------------|------------|----------------------------|-----------------|--------------|------------------|
| เวลา | (A) | (B) | (A-B) | (C) | (B) | | (E) | (B-E) |
| | เสียงจากแหล่งกำเนิด | เสียงขณะไม่มีการรบกวน | ผลต่างระดับเสียง | ตัวปรับค่า | ปรับค่าเสียงจากแหล่งกำเนิด | กลางคืน (A-C)+3 | เสียงพื้นฐาน | ค่าระดับการรบกวน |
| 12:30 AM - 12:35 AM | 55.4 | 46.5 | 8.9 | 0.5 | - | 57.9 | 45.5 | 12.4 |
| 12:35 AM - 12:40 AM | 54.5 | 45.6 | 8.9 | 0.5 | - | 57.0 | 44.5 | 12.5 |
| 12:40 AM - 12:45 AM | 57.4 | 45.3 | 12.1 | 0.5 | - | 59.9 | 44.4 | 15.5 |
| 12:45 AM - 12:50 AM | 53.6 | 45.9 | 7.7 | 0.5 | - | 56.1 | 45.0 | 11.1 |
| 12:50 AM - 12:55 AM | 56.5 | 45.8 | 10.7 | 0.5 | - | 59.0 | 44.9 | 14.1 |
| 12:55 AM - 01:00 AM | 56.4 | 45.8 | 10.6 | 0.5 | - | 58.9 | 44.9 | 14.0 |
| 01:00 AM - 01:05 AM | 56.2 | 45.5 | 10.7 | 0.5 | - | 58.7 | 44.7 | 14.0 |
| 01:05 AM - 01:10 AM | 55.6 | 45.6 | 10.0 | 0.5 | - | 58.1 | 44.6 | 13.5 |
| 01:10 AM - 01:15 AM | 53.5 | 45.5 | 8.0 | 0.5 | - | 56.0 | 44.5 | 11.5 |
| 01:15 AM - 01:20 AM | 54.2 | 44.9 | 9.3 | 0.5 | - | 56.7 | 43.9 | 12.8 |
| 01:20 AM - 01:25 AM | 54.2 | 44.7 | 9.5 | 0.5 | - | 56.7 | 43.6 | 13.1 |
| 01:25 AM - 01:30 AM | 53.4 | 44.4 | 9.0 | 0.5 | - | 55.9 | 43.3 | 12.6 |
| 01:30 AM - 01:35 AM | 51.4 | 44.5 | 6.9 | 1.0 | - | 53.4 | 43.5 | 9.9 |
| 01:35 AM - 01:40 AM | 51.2 | 44.6 | 6.6 | 1.0 | - | 53.2 | 43.3 | 9.9 |
| 01:40 AM - 01:45 AM | 52.1 | 44.9 | 7.2 | 1.0 | - | 54.1 | 43.7 | 10.4 |
| 01:45 AM - 01:50 AM | 53.2 | 45.3 | 7.9 | 0.5 | - | 55.7 | 43.9 | 11.8 |
| 01:50 AM - 01:55 AM | 52.0 | 44.9 | 7.1 | 1.0 | - | 54.0 | 43.5 | 10.5 |
| 01:55 AM - 02:00 AM | 50.8 | 45.9 | 4.9 | 1.5 | - | 52.3 | 43.3 | 9.0 |
| 02:00 AM - 02:05 AM | 50.3 | 44.2 | 6.1 | 1.5 | - | 51.8 | 43.0 | 8.8 |
| 02:05 AM - 02:10 AM | 50.2 | 44.3 | 5.9 | 1.5 | - | 51.7 | 43.2 | 8.5 |
| 02:10 AM - 02:15 AM | 49.5 | 44.1 | 5.4 | 1.5 | - | 51.0 | 43.1 | 7.9 |
| 02:15 AM - 02:20 AM | 48.1 | 44.9 | 3.2 | 3.0 | - | 48.1 | 43.6 | 4.5 |
| 02:20 AM - 02:25 AM | 48.2 | 45.5 | 2.7 | 3.0 | - | 48.2 | 44.0 | 4.2 |
| 02:25 AM - 02:30 AM | 49.2 | 45.7 | 3.5 | 2.0 | - | 50.2 | 44.1 | 6.1 |
| 02:30 AM - 02:35 AM | 50.3 | 45.9 | 4.4 | 2.0 | - | 51.3 | 44.2 | 7.1 |
| 02:35 AM - 02:40 AM | 51.4 | 46.5 | 4.9 | 1.5 | - | 52.9 | 45.2 | 7.7 |
| 02:40 AM - 02:45 AM | 51.5 | 45.7 | 5.8 | 1.5 | - | 53.0 | 44.3 | 8.7 |
| 02:45 AM - 02:50 AM | 50.8 | 46.4 | 4.4 | 2.0 | - | 51.8 | 44.9 | 6.9 |
| 02:50 AM - 02:55 AM | 49.9 | 46.0 | 3.9 | 2.0 | - | 50.9 | 44.3 | 6.6 |
| 02:55 AM - 03:00 AM | 49.7 | 45.8 | 3.9 | 2.0 | - | 50.7 | 44.6 | 6.1 |
| 03:00 AM - 03:05 AM | 50.7 | 46.5 | 4.2 | 2.0 | - | 51.7 | 44.9 | 6.8 |
| 03:05 AM - 03:10 AM | 50.3 | 46.7 | 3.6 | 2.0 | - | 51.3 | 45.2 | 6.1 |
| 03:10 AM - 03:15 AM | 51.5 | 47.3 | 4.2 | 2.0 | - | 52.5 | 45.9 | 6.6 |
| 03:15 AM - 03:20 AM | 50.8 | 46.8 | 4.0 | 2.0 | - | 51.8 | 45.2 | 6.6 |
| 03:20 AM - 03:25 AM | 51.0 | 46.6 | 4.4 | 2.0 | - | 52.0 | 45.2 | 6.8 |
| 03:25 AM - 03:30 AM | 50.7 | 46.5 | 4.2 | 2.0 | - | 51.7 | 45.0 | 6.7 |
| 03:30 AM - 03:35 AM | 50.8 | 46.9 | 3.9 | 2.0 | - | 51.8 | 45.2 | 6.6 |
| 03:35 AM - 03:40 AM | 50.1 | 47.0 | 3.1 | 3.0 | - | 50.1 | 45.2 | 4.9 |
| 03:40 AM - 03:45 AM | 50.1 | 47.2 | 2.9 | 3.0 | - | 50.1 | 45.2 | 4.9 |
| 03:45 AM - 03:50 AM | 50.2 | 47.0 | 3.2 | 3.0 | - | 50.2 | 45.0 | 5.2 |

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351988
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report Number : 2673490-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351988-21
Parameter เสียงรบกวน
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731669, 1446955)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00734220

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 | 51.6 | 46.8 | 4.8 | 1.5 | - | 53.1 | 44.6 | 8.5 |
| 03:55 AM - 04:00 AM | 51.8 | 46.9 | 4.9 | 1.5 | - | 53.3 | 44.5 | 8.8 |
| 04:00 AM - 04:05 AM | 52.2 | 46.9 | 5.3 | 1.5 | - | 53.7 | 44.5 | 9.2 |
| 04:05 AM - 04:10 AM | 51.9 | 46.2 | 5.7 | 1.5 | - | 53.4 | 43.8 | 9.6 |
| 04:10 AM - 04:15 AM | 51.6 | 46.0 | 5.6 | 1.5 | - | 53.1 | 43.6 | 9.5 |
| 04:15 AM - 04:20 AM | 52.3 | 45.5 | 6.8 | 1.0 | - | 54.3 | 42.7 | 11.6 |
| 04:20 AM - 04:25 AM | 52.3 | 44.9 | 7.4 | 1.0 | - | 54.3 | 42.2 | 12.1 |
| 04:25 AM - 04:30 AM | 52.3 | 44.7 | 7.6 | 0.5 | - | 54.8 | 42.2 | 12.6 |
| 04:30 AM - 04:35 AM | 52.0 | 44.6 | 7.4 | 1.0 | - | 54.0 | 42.3 | 11.7 |
| 04:35 AM - 04:40 AM | 52.6 | 44.5 | 8.1 | 0.5 | - | 55.1 | 42.2 | 12.9 |
| 04:40 AM - 04:45 AM | 52.7 | 44.7 | 8.0 | 0.5 | - | 55.2 | 42.1 | 13.1 |
| 04:45 AM - 04:50 AM | 52.0 | 44.5 | 7.5 | 0.5 | - | 54.5 | 41.8 | 12.7 |
| 04:50 AM - 04:55 AM | 52.1 | 43.0 | 9.1 | 0.5 | - | 54.6 | 41.7 | 12.9 |
| 04:55 AM - 05:00 AM | 52.0 | 42.6 | 9.4 | 0.5 | - | 54.5 | 41.3 | 13.2 |
| 05:00 AM - 05:05 AM | 52.0 | 43.3 | 8.7 | 0.5 | - | 54.5 | 41.2 | 13.3 |
| 05:05 AM - 05:10 AM | 52.0 | 42.2 | 9.8 | 0.5 | - | 54.5 | 40.9 | 13.6 |
| 05:10 AM - 05:15 AM | 52.4 | 41.6 | 10.8 | 0.5 | - | 54.9 | 40.6 | 14.3 |
| 05:15 AM - 05:20 AM | 52.2 | 41.5 | 10.7 | 0.5 | - | 54.7 | 40.7 | 14.0 |
| 05:20 AM - 05:25 AM | 51.3 | 40.6 | 10.7 | 0.5 | - | 53.8 | 40.1 | 13.7 |
| 05:25 AM - 05:30 AM | 52.0 | 43.7 | 8.3 | 0.5 | - | 54.5 | 40.9 | 13.6 |
| 05:30 AM - 05:35 AM | 52.0 | 40.9 | 11.1 | 0.5 | - | 54.5 | 40.5 | 14.0 |
| 05:35 AM - 05:40 AM | 51.6 | 41.9 | 9.7 | 0.5 | - | 54.1 | 40.9 | 13.2 |
| 05:40 AM - 05:45 AM | 51.9 | 41.7 | 10.2 | 0.5 | - | 54.4 | 41.2 | 13.2 |
| 05:45 AM - 05:50 AM | 51.7 | 41.6 | 10.1 | 0.5 | - | 54.2 | 40.5 | 13.7 |
| 05:50 AM - 05:55 AM | 51.6 | 46.5 | 5.1 | 1.5 | - | 53.1 | 40.6 | 12.5 |
| 05:55 AM - 06:00 AM | 51.8 | 40.7 | 11.1 | 0.5 | - | 54.3 | 40.0 | 14.3 |
| 06:00 AM - 07:00 AM | 52.2 | 48.7 | 3.5 | 2.0 | 50.2 | - | 42.2 | 8.0 |
| 07:00 AM - 08:00 AM | 51.9 | 46.3 | 5.6 | 1.5 | 50.4 | - | 41.7 | 8.7 |
| 08:00 AM - 09:00 AM | 53.3 | 48.1 | 5.2 | 1.5 | 51.8 | - | 39.8 | 12.0 |
| 09:00 AM - 10:00 AM | 53.3 | 46.3 | 7.0 | 1.0 | 52.3 | - | 38.2 | 14.1 |
| 10:00 AM - 11:00 AM | 52.1 | 57.1 | -5.0 | 7.0 | 45.1 | - | 42.8 | 2.3 |
| 11:00 AM - 12:00 PM | 50.2 | 51.2 | -1.0 | 7.0 | 43.2 | - | 45.1 | -1.9 |

ค่ามาตรฐาน

≤ 10

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 29-30 พฤษภาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2351989-21 วันที่ตรวจวัด 29-30 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673491-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-1
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 53.4 | 82.1 | 45.9 |
| 12:00 PM - 01:00 PM | 54.8 | 89.3 | 47.3 |
| 01:00 PM - 02:00 PM | 52.6 | 80.2 | 46.2 |
| 02:00 PM - 03:00 PM | 51.1 | 74.4 | 44.2 |
| 03:00 PM - 04:00 PM | 47.2 | 69.0 | 42.7 |
| 04:00 PM - 05:00 PM | 54.7 | 84.4 | 42.0 |
| 05:00 PM - 06:00 PM | 58.4 | 91.0 | 40.5 |
| 06:00 PM - 07:00 PM | 46.8 | 69.9 | 41.7 |
| 07:00 PM - 08:00 PM | 49.1 | 79.8 | 40.2 |
| 08:00 PM - 09:00 PM | 45.1 | 63.6 | 38.3 |
| 09:00 PM - 10:00 PM | 45.6 | 62.6 | 38.2 |
| 10:00 PM - 10:05 PM | 48.8 | 58.9 | 37.8 |
| 10:05 PM - 10:10 PM | 43.0 | 53.6 | 38.5 |
| 10:10 PM - 10:15 PM | 47.7 | 58.6 | 39.1 |
| 10:15 PM - 10:20 PM | 50.6 | 59.6 | 38.5 |
| 10:20 PM - 10:25 PM | 44.9 | 60.2 | 39.8 |
| 10:25 PM - 10:30 PM | 46.3 | 58.9 | 39.8 |
| 10:30 PM - 10:35 PM | 48.1 | 59.2 | 39.9 |
| 10:35 PM - 10:40 PM | 45.4 | 57.2 | 40.2 |
| 10:40 PM - 10:45 PM | 41.4 | 51.1 | 39.4 |
| 10:45 PM - 10:50 PM | 41.2 | 51.3 | 39.1 |
| 10:50 PM - 10:55 PM | 39.6 | 57.4 | 38.3 |
| 10:55 PM - 11:00 PM | 45.2 | 59.1 | 38.1 |
| 11:00 PM - 11:05 PM | 45.8 | 58.2 | 37.8 |
| 11:05 PM - 11:10 PM | 39.3 | 52.7 | 38.2 |
| 11:10 PM - 11:15 PM | 47.2 | 68.6 | 38.2 |
| 11:15 PM - 11:20 PM | 55.3 | 73.2 | 38.8 |
| 11:20 PM - 11:25 PM | 39.1 | 42.6 | 38.4 |
| 11:25 PM - 11:30 PM | 45.2 | 57.6 | 39.3 |
| 11:30 PM - 11:35 PM | 41.4 | 55.3 | 38.5 |
| 11:35 PM - 11:40 PM | 44.1 | 56.7 | 38.9 |
| 11:40 PM - 11:45 PM | 41.9 | 55.6 | 38.1 |
| 11:45 PM - 11:50 PM | 56.3 | 74.4 | 37.6 |
| 11:50 PM - 11:55 PM | 43.6 | 57.2 | 38.6 |
| 11:55 PM - 12:00 AM | 43.0 | 55.3 | 39.3 |
| 12:00 AM - 12:05 AM | 41.7 | 48.5 | 39.0 |
| 12:05 AM - 12:10 AM | 42.6 | 56.1 | 38.8 |
| 12:10 AM - 12:15 AM | 44.2 | 55.5 | 39.5 |
| 12:15 AM - 12:20 AM | 57.3 | 75.2 | 38.7 |
| 12:20 AM - 12:25 AM | 51.5 | 73.2 | 39.8 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673491-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-1
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:25 AM - 12:30 AM | 46.3 | 57.4 | 42.1 |
| 12:30 AM - 12:35 AM | 56.5 | 76.0 | 39.4 |
| 12:35 AM - 12:40 AM | 55.6 | 73.9 | 39.0 |
| 12:40 AM - 12:45 AM | 44.1 | 57.5 | 39.2 |
| 12:45 AM - 12:50 AM | 45.5 | 59.8 | 39.5 |
| 12:50 AM - 12:55 AM | 55.5 | 76.2 | 39.4 |
| 12:55 AM - 01:00 AM | 57.6 | 74.9 | 40.9 |
| 01:00 AM - 01:05 AM | 44.4 | 55.0 | 41.8 |
| 01:05 AM - 01:10 AM | 60.1 | 75.5 | 43.7 |
| 01:10 AM - 01:15 AM | 56.0 | 75.3 | 44.4 |
| 01:15 AM - 01:20 AM | 49.4 | 65.5 | 42.8 |
| 01:20 AM - 01:25 AM | 53.5 | 68.0 | 43.5 |
| 01:25 AM - 01:30 AM | 54.9 | 65.3 | 50.2 |
| 01:30 AM - 01:35 AM | 52.8 | 65.1 | 47.6 |
| 01:35 AM - 01:40 AM | 51.4 | 63.3 | 45.2 |
| 01:40 AM - 01:45 AM | 51.9 | 64.8 | 44.3 |
| 01:45 AM - 01:50 AM | 52.0 | 64.3 | 47.1 |
| 01:50 AM - 01:55 AM | 52.6 | 67.5 | 44.9 |
| 01:55 AM - 02:00 AM | 53.0 | 69.7 | 45.6 |
| 02:00 AM - 02:05 AM | 52.7 | 69.1 | 45.9 |
| 02:05 AM - 02:10 AM | 50.6 | 60.1 | 45.5 |
| 02:10 AM - 02:15 AM | 53.3 | 76.0 | 46.4 |
| 02:15 AM - 02:20 AM | 51.5 | 62.3 | 47.1 |
| 02:20 AM - 02:25 AM | 56.1 | 79.4 | 47.5 |
| 02:25 AM - 02:30 AM | 52.1 | 62.8 | 47.5 |
| 02:30 AM - 02:35 AM | 57.4 | 74.8 | 46.9 |
| 02:35 AM - 02:40 AM | 51.2 | 61.9 | 46.4 |
| 02:40 AM - 02:45 AM | 50.3 | 60.1 | 47.0 |
| 02:45 AM - 02:50 AM | 50.1 | 59.4 | 47.0 |
| 02:50 AM - 02:55 AM | 52.9 | 70.6 | 47.5 |
| 02:55 AM - 03:00 AM | 51.3 | 70.3 | 46.9 |
| 03:00 AM - 03:05 AM | 53.5 | 71.4 | 46.3 |
| 03:05 AM - 03:10 AM | 53.5 | 68.0 | 46.9 |
| 03:10 AM - 03:15 AM | 53.4 | 68.3 | 47.6 |
| 03:15 AM - 03:20 AM | 50.0 | 59.9 | 46.8 |
| 03:20 AM - 03:25 AM | 51.4 | 65.4 | 47.6 |
| 03:25 AM - 03:30 AM | 53.9 | 69.4 | 47.9 |
| 03:30 AM - 03:35 AM | 57.3 | 77.5 | 48.5 |
| 03:35 AM - 03:40 AM | 60.7 | 80.2 | 24.4 |
| 03:40 AM - 03:45 AM | 51.2 | 71.4 | 47.0 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673491-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-1
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:45 AM - 03:50 AM | 48.6 | 57.7 | 46.0 |
| 03:50 AM - 03:55 AM | 51.5 | 66.6 | 47.2 |
| 03:55 AM - 04:00 AM | 51.4 | 65.1 | 46.6 |
| 04:00 AM - 04:05 AM | 48.6 | 57.0 | 46.4 |
| 04:05 AM - 04:10 AM | 50.7 | 60.6 | 46.4 |
| 04:10 AM - 04:15 AM | 50.7 | 64.5 | 46.1 |
| 04:15 AM - 04:20 AM | 51.7 | 67.3 | 47.1 |
| 04:20 AM - 04:25 AM | 60.0 | 76.3 | 46.8 |
| 04:25 AM - 04:30 AM | 61.9 | 76.1 | 47.7 |
| 04:30 AM - 04:35 AM | 59.6 | 79.3 | 48.5 |
| 04:35 AM - 04:40 AM | 50.6 | 65.8 | 47.7 |
| 04:40 AM - 04:45 AM | 50.7 | 66.2 | 46.8 |
| 04:45 AM - 04:50 AM | 50.2 | 65.3 | 45.6 |
| 04:50 AM - 04:55 AM | 47.8 | 59.4 | 44.5 |
| 04:55 AM - 05:00 AM | 50.5 | 64.7 | 44.1 |
| 05:00 AM - 05:05 AM | 59.1 | 77.8 | 50.3 |
| 05:05 AM - 05:10 AM | 62.4 | 81.0 | 48.8 |
| 05:10 AM - 05:15 AM | 57.6 | 82.5 | 49.4 |
| 05:15 AM - 05:20 AM | 53.9 | 68.8 | 49.5 |
| 05:20 AM - 05:25 AM | 52.7 | 69.0 | 48.7 |
| 05:25 AM - 05:30 AM | 52.9 | 69.5 | 48.6 |
| 05:30 AM - 05:35 AM | 52.7 | 65.0 | 48.6 |
| 05:35 AM - 05:40 AM | 49.8 | 63.1 | 44.5 |
| 05:40 AM - 05:45 AM | 50.6 | 65.8 | 44.6 |
| 05:45 AM - 05:50 AM | 49.4 | 65.3 | 44.3 |
| 05:50 AM - 05:55 AM | 52.9 | 71.3 | 43.8 |
| 05:55 AM - 06:00 AM | 49.3 | 67.4 | 43.8 |
| 06:00 AM - 07:00 AM | 56.5 | 85.3 | 49.9 |
| 07:00 AM - 08:00 AM | 53.6 | 75.6 | 50.5 |
| 08:00 AM - 09:00 AM | 50.3 | 77.2 | 45.4 |
| 09:00 AM - 10:00 AM | 52.1 | 70.9 | 45.8 |
| 10:00 AM - 11:00 AM | 54.3 | 81.3 | 46.9 |

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673492-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-2
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 51.3 | 73.2 | 46.9 |
| 12:00 PM - 01:00 PM | 52.8 | 88.6 | 46.5 |
| 01:00 PM - 02:00 PM | 56.4 | 86.6 | 46.6 |
| 02:00 PM - 03:00 PM | 52.6 | 90.4 | 44.9 |
| 03:00 PM - 04:00 PM | 52.9 | 78.4 | 44.1 |
| 04:00 PM - 05:00 PM | 47.9 | 69.8 | 43.4 |
| 05:00 PM - 06:00 PM | 47.0 | 71.0 | 42.3 |
| 06:00 PM - 07:00 PM | 45.2 | 59.4 | 40.2 |
| 07:00 PM - 08:00 PM | 45.7 | 59.5 | 39.7 |
| 08:00 PM - 09:00 PM | 47.4 | 63.4 | 39.6 |
| 09:00 PM - 10:00 PM | 52.6 | 61.0 | 47.8 |
| 10:00 PM - 10:05 PM | 50.1 | 63.8 | 40.8 |
| 10:05 PM - 10:10 PM | 50.8 | 60.4 | 41.5 |
| 10:10 PM - 10:15 PM | 55.2 | 60.8 | 43.5 |
| 10:15 PM - 10:20 PM | 51.5 | 61.3 | 40.8 |
| 10:20 PM - 10:25 PM | 51.0 | 60.7 | 41.5 |
| 10:25 PM - 10:30 PM | 53.2 | 60.2 | 42.0 |
| 10:30 PM - 10:35 PM | 43.5 | 51.4 | 41.2 |
| 10:35 PM - 10:40 PM | 49.8 | 59.8 | 41.6 |
| 10:40 PM - 10:45 PM | 52.5 | 59.6 | 42.3 |
| 10:45 PM - 10:50 PM | 48.6 | 62.2 | 40.9 |
| 10:50 PM - 10:55 PM | 49.0 | 59.6 | 39.8 |
| 10:55 PM - 11:00 PM | 60.3 | 84.4 | 40.6 |
| 11:00 PM - 11:05 PM | 49.7 | 58.6 | 41.5 |
| 11:05 PM - 11:10 PM | 54.0 | 71.1 | 40.8 |
| 11:10 PM - 11:15 PM | 56.2 | 70.5 | 47.7 |
| 11:15 PM - 11:20 PM | 52.6 | 59.8 | 45.7 |
| 11:20 PM - 11:25 PM | 53.7 | 60.5 | 45.3 |
| 11:25 PM - 11:30 PM | 51.8 | 59.6 | 43.4 |
| 11:30 PM - 11:35 PM | 49.0 | 59.1 | 42.7 |
| 11:35 PM - 11:40 PM | 46.3 | 61.3 | 40.6 |
| 11:40 PM - 11:45 PM | 44.1 | 56.8 | 40.9 |
| 11:45 PM - 11:50 PM | 43.7 | 54.8 | 41.1 |
| 11:50 PM - 11:55 PM | 47.8 | 68.4 | 41.3 |
| 11:55 PM - 12:00 AM | 45.9 | 55.0 | 39.8 |
| 12:00 AM - 12:05 AM | 39.9 | 45.4 | 37.7 |
| 12:05 AM - 12:10 AM | 44.4 | 67.7 | 38.2 |
| 12:10 AM - 12:15 AM | 53.8 | 71.2 | 39.4 |
| 12:15 AM - 12:20 AM | 43.2 | 58.7 | 40.4 |
| 12:20 AM - 12:25 AM | 53.4 | 72.1 | 40.3 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673492-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-2
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:25 AM - 12:30 AM | 44.6 | 57.5 | 41.9 |
| 12:30 AM - 12:35 AM | 46.9 | 60.0 | 41.8 |
| 12:35 AM - 12:40 AM | 49.3 | 64.4 | 42.6 |
| 12:40 AM - 12:45 AM | 56.6 | 71.6 | 42.3 |
| 12:45 AM - 12:50 AM | 53.2 | 71.8 | 42.9 |
| 12:50 AM - 12:55 AM | 45.5 | 58.1 | 42.1 |
| 12:55 AM - 01:00 AM | 54.9 | 72.9 | 43.4 |
| 01:00 AM - 01:05 AM | 56.7 | 79.4 | 41.8 |
| 01:05 AM - 01:10 AM | 54.9 | 72.7 | 42.4 |
| 01:10 AM - 01:15 AM | 57.7 | 72.6 | 42.4 |
| 01:15 AM - 01:20 AM | 57.5 | 75.0 | 44.1 |
| 01:20 AM - 01:25 AM | 52.7 | 70.8 | 44.5 |
| 01:25 AM - 01:30 AM | 51.4 | 67.8 | 44.0 |
| 01:30 AM - 01:35 AM | 51.4 | 61.8 | 45.4 |
| 01:35 AM - 01:40 AM | 53.2 | 62.5 | 50.3 |
| 01:40 AM - 01:45 AM | 50.7 | 60.2 | 45.6 |
| 01:45 AM - 01:50 AM | 51.2 | 69.8 | 44.7 |
| 01:50 AM - 01:55 AM | 58.8 | 82.6 | 43.8 |
| 01:55 AM - 02:00 AM | 63.4 | 80.4 | 45.9 |
| 02:00 AM - 02:05 AM | 56.3 | 80.7 | 46.4 |
| 02:05 AM - 02:10 AM | 52.1 | 65.6 | 48.1 |
| 02:10 AM - 02:15 AM | 53.1 | 68.7 | 49.0 |
| 02:15 AM - 02:20 AM | 53.3 | 64.0 | 48.0 |
| 02:20 AM - 02:25 AM | 52.2 | 64.5 | 47.6 |
| 02:25 AM - 02:30 AM | 54.2 | 72.9 | 29.5 |
| 02:30 AM - 02:35 AM | 61.2 | 80.8 | 50.1 |
| 02:35 AM - 02:40 AM | 54.3 | 69.7 | 50.2 |
| 02:40 AM - 02:45 AM | 55.5 | 73.5 | 51.6 |
| 02:45 AM - 02:50 AM | 53.4 | 69.6 | 49.8 |
| 02:50 AM - 02:55 AM | 54.3 | 70.4 | 49.6 |
| 02:55 AM - 03:00 AM | 62.4 | 92.1 | 48.2 |
| 03:00 AM - 03:05 AM | 54.8 | 70.3 | 47.3 |
| 03:05 AM - 03:10 AM | 58.3 | 77.8 | 47.4 |
| 03:10 AM - 03:15 AM | 57.9 | 80.1 | 47.3 |
| 03:15 AM - 03:20 AM | 53.5 | 76.0 | 47.7 |
| 03:20 AM - 03:25 AM | 54.6 | 68.4 | 47.9 |
| 03:25 AM - 03:30 AM | 54.6 | 70.7 | 48.5 |
| 03:30 AM - 03:35 AM | 51.7 | 66.7 | 48.2 |
| 03:35 AM - 03:40 AM | 57.3 | 80.4 | 47.6 |
| 03:40 AM - 03:45 AM | 57.8 | 71.3 | 48.4 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673492-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-2
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:45 AM - 03:50 AM | 52.1 | 67.5 | 46.4 |
| 03:50 AM - 03:55 AM | 55.5 | 70.2 | 47.5 |
| 03:55 AM - 04:00 AM | 54.8 | 70.2 | 47.5 |
| 04:00 AM - 04:05 AM | 52.3 | 66.5 | 48.3 |
| 04:05 AM - 04:10 AM | 51.3 | 59.8 | 48.1 |
| 04:10 AM - 04:15 AM | 51.1 | 68.2 | 47.2 |
| 04:15 AM - 04:20 AM | 52.5 | 66.9 | 48.4 |
| 04:20 AM - 04:25 AM | 51.4 | 63.7 | 47.7 |
| 04:25 AM - 04:30 AM | 52.6 | 68.0 | 47.5 |
| 04:30 AM - 04:35 AM | 50.9 | 59.5 | 47.9 |
| 04:35 AM - 04:40 AM | 49.6 | 59.0 | 47.2 |
| 04:40 AM - 04:45 AM | 50.5 | 61.2 | 46.6 |
| 04:45 AM - 04:50 AM | 50.9 | 66.4 | 47.0 |
| 04:50 AM - 04:55 AM | 51.5 | 67.1 | 46.9 |
| 04:55 AM - 05:00 AM | 60.4 | 78.3 | 47.7 |
| 05:00 AM - 05:05 AM | 51.7 | 68.2 | 47.2 |
| 05:05 AM - 05:10 AM | 49.8 | 64.5 | 46.8 |
| 05:10 AM - 05:15 AM | 54.3 | 68.8 | 46.6 |
| 05:15 AM - 05:20 AM | 54.6 | 66.4 | 51.7 |
| 05:20 AM - 05:25 AM | 54.7 | 66.4 | 51.2 |
| 05:25 AM - 05:30 AM | 53.6 | 65.6 | 49.7 |
| 05:30 AM - 05:35 AM | 56.1 | 70.6 | 51.4 |
| 05:35 AM - 05:40 AM | 65.3 | 82.6 | 50.7 |
| 05:40 AM - 05:45 AM | 55.1 | 67.8 | 49.1 |
| 05:45 AM - 05:50 AM | 53.2 | 70.7 | 49.8 |
| 05:50 AM - 05:55 AM | 51.3 | 64.9 | 48.5 |
| 05:55 AM - 06:00 AM | 51.5 | 63.9 | 49.4 |
| 06:00 AM - 07:00 AM | 56.4 | 80.9 | 48.9 |
| 07:00 AM - 08:00 AM | 54.7 | 87.5 | 47.1 |
| 08:00 AM - 09:00 AM | 50.3 | 70.3 | 43.0 |
| 09:00 AM - 10:00 AM | 51.7 | 71.1 | 47.8 |
| 10:00 AM - 11:00 AM | 51.2 | 74.7 | 46.5 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673493-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-3
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 51.9 | 78.0 | 46.1 |
| 12:00 PM - 01:00 PM | 53.8 | 77.6 | 47.9 |
| 01:00 PM - 02:00 PM | 53.5 | 80.3 | 47.5 |
| 02:00 PM - 03:00 PM | 59.7 | 86.5 | 45.0 |
| 03:00 PM - 04:00 PM | 47.6 | 71.9 | 43.6 |
| 04:00 PM - 05:00 PM | 46.1 | 63.1 | 42.2 |
| 05:00 PM - 06:00 PM | 55.5 | 84.5 | 41.8 |
| 06:00 PM - 07:00 PM | 44.1 | 60.7 | 40.5 |
| 07:00 PM - 08:00 PM | 45.4 | 69.8 | 39.9 |
| 08:00 PM - 09:00 PM | 43.7 | 65.6 | 38.8 |
| 09:00 PM - 10:00 PM | 46.4 | 74.0 | 38.8 |
| 10:00 PM - 10:05 PM | 43.7 | 56.0 | 38.8 |
| 10:05 PM - 10:10 PM | 39.8 | 47.5 | 38.1 |
| 10:10 PM - 10:15 PM | 42.4 | 56.3 | 38.5 |
| 10:15 PM - 10:20 PM | 41.5 | 55.5 | 38.4 |
| 10:20 PM - 10:25 PM | 42.4 | 56.2 | 38.3 |
| 10:25 PM - 10:30 PM | 42.6 | 55.8 | 37.4 |
| 10:30 PM - 10:35 PM | 41.3 | 52.1 | 37.5 |
| 10:35 PM - 10:40 PM | 38.3 | 47.8 | 36.5 |
| 10:40 PM - 10:45 PM | 56.7 | 83.3 | 36.1 |
| 10:45 PM - 10:50 PM | 61.7 | 82.3 | 38.3 |
| 10:50 PM - 10:55 PM | 41.3 | 50.7 | 38.0 |
| 10:55 PM - 11:00 PM | 59.0 | 82.5 | 38.4 |
| 11:00 PM - 11:05 PM | 37.5 | 51.3 | 36.0 |
| 11:05 PM - 11:10 PM | 53.5 | 73.8 | 36.2 |
| 11:10 PM - 11:15 PM | 39.7 | 52.0 | 36.0 |
| 11:15 PM - 11:20 PM | 38.8 | 53.6 | 36.4 |
| 11:20 PM - 11:25 PM | 38.4 | 57.0 | 36.4 |
| 11:25 PM - 11:30 PM | 40.1 | 47.7 | 37.3 |
| 11:30 PM - 11:35 PM | 40.1 | 47.4 | 37.7 |
| 11:35 PM - 11:40 PM | 51.4 | 73.0 | 37.0 |
| 11:40 PM - 11:45 PM | 40.0 | 48.2 | 37.6 |
| 11:45 PM - 11:50 PM | 39.9 | 50.7 | 36.7 |
| 11:50 PM - 11:55 PM | 50.8 | 71.8 | 38.3 |
| 11:55 PM - 12:00 AM | 49.4 | 72.5 | 38.0 |
| 12:00 AM - 12:05 AM | 42.1 | 48.4 | 39.0 |
| 12:05 AM - 12:10 AM | 47.5 | 64.7 | 38.2 |
| 12:10 AM - 12:15 AM | 53.5 | 71.4 | 38.3 |
| 12:15 AM - 12:20 AM | 42.9 | 58.4 | 38.8 |
| 12:20 AM - 12:25 AM | 42.2 | 50.6 | 39.3 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673493-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-3
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:25 AM - 12:30 AM | 42.9 | 52.2 | 39.6 |
| 12:30 AM - 12:35 AM | 56.3 | 74.5 | 38.9 |
| 12:35 AM - 12:40 AM | 50.0 | 72.3 | 38.7 |
| 12:40 AM - 12:45 AM | 55.4 | 74.8 | 38.0 |
| 12:45 AM - 12:50 AM | 43.7 | 55.2 | 38.3 |
| 12:50 AM - 12:55 AM | 56.0 | 75.6 | 38.9 |
| 12:55 AM - 01:00 AM | 53.8 | 75.9 | 40.5 |
| 01:00 AM - 01:05 AM | 58.9 | 76.1 | 40.8 |
| 01:05 AM - 01:10 AM | 56.8 | 74.5 | 42.7 |
| 01:10 AM - 01:15 AM | 58.0 | 77.0 | 46.7 |
| 01:15 AM - 01:20 AM | 51.6 | 71.2 | 43.5 |
| 01:20 AM - 01:25 AM | 51.2 | 67.0 | 43.2 |
| 01:25 AM - 01:30 AM | 60.4 | 83.7 | 44.9 |
| 01:30 AM - 01:35 AM | 51.8 | 65.6 | 45.1 |
| 01:35 AM - 01:40 AM | 51.6 | 71.4 | 45.0 |
| 01:40 AM - 01:45 AM | 51.3 | 64.8 | 45.3 |
| 01:45 AM - 01:50 AM | 50.5 | 63.1 | 44.4 |
| 01:50 AM - 01:55 AM | 49.4 | 60.2 | 45.2 |
| 01:55 AM - 02:00 AM | 50.5 | 64.0 | 45.1 |
| 02:00 AM - 02:05 AM | 51.0 | 64.4 | 45.8 |
| 02:05 AM - 02:10 AM | 51.4 | 62.3 | 46.7 |
| 02:10 AM - 02:15 AM | 52.0 | 68.3 | 47.5 |
| 02:15 AM - 02:20 AM | 61.3 | 87.1 | 45.7 |
| 02:20 AM - 02:25 AM | 58.0 | 81.1 | 44.7 |
| 02:25 AM - 02:30 AM | 53.5 | 78.3 | 45.0 |
| 02:30 AM - 02:35 AM | 51.8 | 66.8 | 45.5 |
| 02:35 AM - 02:40 AM | 52.7 | 67.2 | 45.2 |
| 02:40 AM - 02:45 AM | 50.8 | 63.2 | 45.2 |
| 02:45 AM - 02:50 AM | 50.5 | 71.3 | 45.7 |
| 02:50 AM - 02:55 AM | 50.5 | 70.7 | 46.3 |
| 02:55 AM - 03:00 AM | 55.2 | 80.2 | 46.8 |
| 03:00 AM - 03:05 AM | 52.1 | 65.1 | 45.7 |
| 03:05 AM - 03:10 AM | 51.9 | 72.1 | 46.0 |
| 03:10 AM - 03:15 AM | 50.3 | 68.1 | 46.1 |
| 03:15 AM - 03:20 AM | 49.3 | 63.1 | 45.7 |
| 03:20 AM - 03:25 AM | 61.7 | 84.5 | 46.6 |
| 03:25 AM - 03:30 AM | 58.4 | 80.6 | 46.0 |
| 03:30 AM - 03:35 AM | 54.1 | 68.9 | 46.1 |
| 03:35 AM - 03:40 AM | 55.2 | 72.6 | 45.7 |
| 03:40 AM - 03:45 AM | 51.3 | 66.1 | 44.6 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673493-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-3
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:45 AM - 03:50 AM | 51.9 | 68.6 | 45.1 |
| 03:50 AM - 03:55 AM | 49.5 | 64.6 | 46.7 |
| 03:55 AM - 04:00 AM | 51.9 | 64.2 | 46.7 |
| 04:00 AM - 04:05 AM | 54.7 | 71.6 | 47.0 |
| 04:05 AM - 04:10 AM | 50.6 | 60.2 | 47.0 |
| 04:10 AM - 04:15 AM | 49.3 | 60.8 | 45.3 |
| 04:15 AM - 04:20 AM | 54.9 | 71.2 | 45.8 |
| 04:20 AM - 04:25 AM | 52.7 | 67.5 | 44.8 |
| 04:25 AM - 04:30 AM | 49.7 | 63.6 | 45.4 |
| 04:30 AM - 04:35 AM | 48.8 | 64.2 | 45.4 |
| 04:35 AM - 04:40 AM | 48.9 | 58.7 | 45.0 |
| 04:40 AM - 04:45 AM | 53.3 | 74.4 | 46.0 |
| 04:45 AM - 04:50 AM | 51.3 | 62.2 | 45.0 |
| 04:50 AM - 04:55 AM | 49.9 | 63.2 | 46.1 |
| 04:55 AM - 05:00 AM | 49.0 | 61.5 | 45.9 |
| 05:00 AM - 05:05 AM | 53.5 | 70.6 | 50.0 |
| 05:05 AM - 05:10 AM | 52.0 | 62.0 | 49.8 |
| 05:10 AM - 05:15 AM | 53.7 | 62.3 | 51.5 |
| 05:15 AM - 05:20 AM | 53.1 | 63.9 | 51.2 |
| 05:20 AM - 05:25 AM | 55.5 | 64.0 | 50.8 |
| 05:25 AM - 05:30 AM | 54.9 | 67.0 | 51.9 |
| 05:30 AM - 05:35 AM | 53.1 | 69.2 | 50.4 |
| 05:35 AM - 05:40 AM | 55.0 | 69.8 | 52.1 |
| 05:40 AM - 05:45 AM | 53.6 | 66.4 | 49.7 |
| 05:45 AM - 05:50 AM | 54.2 | 68.9 | 51.1 |
| 05:50 AM - 05:55 AM | 53.5 | 65.4 | 50.1 |
| 05:55 AM - 06:00 AM | 54.0 | 66.9 | 51.5 |
| 06:00 AM - 07:00 AM | 54.6 | 73.8 | 51.5 |
| 07:00 AM - 08:00 AM | 54.7 | 85.8 | 51.0 |
| 08:00 AM - 09:00 AM | 50.3 | 70.5 | 45.4 |
| 09:00 AM - 10:00 AM | 54.5 | 73.4 | 51.7 |
| 10:00 AM - 11:00 AM | 55.8 | 74.3 | 52.4 |

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2553

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673494-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-4
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 55.2 | 72.3 | 51.7 |
| 12:00 PM - 01:00 PM | 53.6 | 76.7 | 47.2 |
| 01:00 PM - 02:00 PM | 52.7 | 71.1 | 48.0 |
| 02:00 PM - 03:00 PM | 55.4 | 78.3 | 48.0 |
| 03:00 PM - 04:00 PM | 53.9 | 77.5 | 50.3 |
| 04:00 PM - 05:00 PM | 49.2 | 77.6 | 43.0 |
| 05:00 PM - 06:00 PM | 55.8 | 85.5 | 43.0 |
| 06:00 PM - 07:00 PM | 58.8 | 87.2 | 41.9 |
| 07:00 PM - 08:00 PM | 57.8 | 85.9 | 44.0 |
| 08:00 PM - 09:00 PM | 52.1 | 81.7 | 39.3 |
| 09:00 PM - 10:00 PM | 43.1 | 64.6 | 38.1 |
| 10:00 PM - 10:05 PM | 40.5 | 49.5 | 36.9 |
| 10:05 PM - 10:10 PM | 39.9 | 51.6 | 36.5 |
| 10:10 PM - 10:15 PM | 40.1 | 50.4 | 37.2 |
| 10:15 PM - 10:20 PM | 38.6 | 45.4 | 35.9 |
| 10:20 PM - 10:25 PM | 40.0 | 50.2 | 37.1 |
| 10:25 PM - 10:30 PM | 41.7 | 49.8 | 39.0 |
| 10:30 PM - 10:35 PM | 39.4 | 45.0 | 37.4 |
| 10:35 PM - 10:40 PM | 39.5 | 48.6 | 37.5 |
| 10:40 PM - 10:45 PM | 41.6 | 53.5 | 37.9 |
| 10:45 PM - 10:50 PM | 40.9 | 50.6 | 37.3 |
| 10:50 PM - 10:55 PM | 55.6 | 75.1 | 37.3 |
| 10:55 PM - 11:00 PM | 39.1 | 51.2 | 37.6 |
| 11:00 PM - 11:05 PM | 40.0 | 49.9 | 37.9 |
| 11:05 PM - 11:10 PM | 42.0 | 52.4 | 39.4 |
| 11:10 PM - 11:15 PM | 42.2 | 54.2 | 38.2 |
| 11:15 PM - 11:20 PM | 41.6 | 49.8 | 38.3 |
| 11:20 PM - 11:25 PM | 41.5 | 57.9 | 37.3 |
| 11:25 PM - 11:30 PM | 40.8 | 49.4 | 37.7 |
| 11:30 PM - 11:35 PM | 44.5 | 54.7 | 39.9 |
| 11:35 PM - 11:40 PM | 41.8 | 48.5 | 39.4 |
| 11:40 PM - 11:45 PM | 43.3 | 50.4 | 40.5 |
| 11:45 PM - 11:50 PM | 52.8 | 72.6 | 39.3 |
| 11:50 PM - 11:55 PM | 51.2 | 74.5 | 39.4 |
| 11:55 PM - 12:00 AM | 41.6 | 48.0 | 39.7 |
| 12:00 AM - 12:05 AM | 41.5 | 49.6 | 39.9 |
| 12:05 AM - 12:10 AM | 44.7 | 58.3 | 38.7 |
| 12:10 AM - 12:15 AM | 42.1 | 55.0 | 37.6 |
| 12:15 AM - 12:20 AM | 43.7 | 58.4 | 37.7 |
| 12:20 AM - 12:25 AM | 48.6 | 65.4 | 37.8 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673494-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-4
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:25 AM - 12:30 AM | 49.2 | 72.5 | 40.0 |
| 12:30 AM - 12:35 AM | 57.3 | 74.8 | 38.1 |
| 12:35 AM - 12:40 AM | 44.7 | 57.3 | 38.5 |
| 12:40 AM - 12:45 AM | 56.6 | 76.3 | 38.7 |
| 12:45 AM - 12:50 AM | 53.9 | 76.0 | 38.1 |
| 12:50 AM - 12:55 AM | 48.4 | 66.9 | 39.6 |
| 12:55 AM - 01:00 AM | 52.9 | 74.0 | 40.6 |
| 01:00 AM - 01:05 AM | 57.5 | 75.6 | 41.0 |
| 01:05 AM - 01:10 AM | 57.4 | 74.7 | 43.8 |
| 01:10 AM - 01:15 AM | 58.6 | 75.6 | 45.1 |
| 01:15 AM - 01:20 AM | 48.9 | 68.7 | 41.1 |
| 01:20 AM - 01:25 AM | 54.6 | 70.5 | 41.7 |
| 01:25 AM - 01:30 AM | 53.9 | 66.4 | 47.1 |
| 01:30 AM - 01:35 AM | 54.0 | 73.0 | 45.0 |
| 01:35 AM - 01:40 AM | 58.9 | 80.7 | 42.7 |
| 01:40 AM - 01:45 AM | 52.3 | 72.2 | 43.9 |
| 01:45 AM - 01:50 AM | 51.8 | 64.2 | 42.6 |
| 01:50 AM - 01:55 AM | 48.3 | 60.6 | 43.4 |
| 01:55 AM - 02:00 AM | 51.7 | 67.2 | 44.2 |
| 02:00 AM - 02:05 AM | 52.8 | 67.7 | 42.5 |
| 02:05 AM - 02:10 AM | 66.7 | 87.6 | 43.7 |
| 02:10 AM - 02:15 AM | 64.3 | 88.3 | 45.6 |
| 02:15 AM - 02:20 AM | 50.5 | 68.1 | 44.8 |
| 02:20 AM - 02:25 AM | 54.8 | 76.9 | 44.4 |
| 02:25 AM - 02:30 AM | 50.1 | 67.3 | 44.7 |
| 02:30 AM - 02:35 AM | 49.0 | 63.1 | 45.3 |
| 02:35 AM - 02:40 AM | 46.9 | 54.1 | 44.5 |
| 02:40 AM - 02:45 AM | 50.6 | 64.1 | 45.4 |
| 02:45 AM - 02:50 AM | 54.2 | 70.2 | 46.6 |
| 02:50 AM - 02:55 AM | 48.8 | 61.2 | 46.6 |
| 02:55 AM - 03:00 AM | 50.9 | 65.5 | 48.1 |
| 03:00 AM - 03:05 AM | 51.5 | 63.6 | 48.7 |
| 03:05 AM - 03:10 AM | 52.6 | 69.8 | 46.8 |
| 03:10 AM - 03:15 AM | 59.0 | 72.4 | 48.0 |
| 03:15 AM - 03:20 AM | 55.3 | 71.7 | 47.3 |
| 03:20 AM - 03:25 AM | 53.4 | 75.1 | 46.3 |
| 03:25 AM - 03:30 AM | 52.0 | 68.5 | 47.1 |
| 03:30 AM - 03:35 AM | 54.8 | 72.3 | 46.8 |
| 03:35 AM - 03:40 AM | 51.4 | 68.9 | 46.3 |
| 03:40 AM - 03:45 AM | 57.2 | 76.9 | 46.1 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673494-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-4
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:45 AM - 03:50 AM | 49.6 | 63.3 | 45.3 |
| 03:50 AM - 03:55 AM | 52.4 | 68.6 | 47.0 |
| 03:55 AM - 04:00 AM | 56.3 | 74.2 | 49.2 |
| 04:00 AM - 04:05 AM | 52.2 | 69.4 | 48.0 |
| 04:05 AM - 04:10 AM | 54.3 | 72.9 | 47.0 |
| 04:10 AM - 04:15 AM | 49.4 | 62.0 | 46.4 |
| 04:15 AM - 04:20 AM | 50.7 | 58.2 | 46.7 |
| 04:20 AM - 04:25 AM | 52.4 | 66.1 | 47.0 |
| 04:25 AM - 04:30 AM | 53.4 | 70.1 | 47.9 |
| 04:30 AM - 04:35 AM | 53.1 | 61.5 | 48.7 |
| 04:35 AM - 04:40 AM | 54.2 | 66.3 | 49.6 |
| 04:40 AM - 04:45 AM | 52.5 | 63.7 | 48.0 |
| 04:45 AM - 04:50 AM | 53.6 | 62.7 | 50.4 |
| 04:50 AM - 04:55 AM | 54.9 | 65.2 | 51.1 |
| 04:55 AM - 05:00 AM | 50.3 | 63.4 | 46.5 |
| 05:00 AM - 05:05 AM | 53.5 | 62.6 | 50.6 |
| 05:05 AM - 05:10 AM | 56.1 | 66.2 | 50.3 |
| 05:10 AM - 05:15 AM | 56.4 | 68.8 | 51.8 |
| 05:15 AM - 05:20 AM | 59.5 | 76.8 | 54.8 |
| 05:20 AM - 05:25 AM | 60.9 | 76.2 | 54.6 |
| 05:25 AM - 05:30 AM | 58.6 | 83.7 | 54.6 |
| 05:30 AM - 05:35 AM | 58.0 | 73.9 | 55.5 |
| 05:35 AM - 05:40 AM | 58.2 | 71.6 | 55.5 |
| 05:40 AM - 05:45 AM | 57.2 | 70.7 | 54.8 |
| 05:45 AM - 05:50 AM | 57.4 | 74.0 | 54.8 |
| 05:50 AM - 05:55 AM | 59.5 | 72.2 | 55.4 |
| 05:55 AM - 06:00 AM | 57.0 | 78.5 | 53.7 |
| 06:00 AM - 07:00 AM | 56.0 | 77.1 | 53.0 |
| 07:00 AM - 08:00 AM | 54.1 | 70.7 | 51.2 |
| 08:00 AM - 09:00 AM | 53.4 | 78.0 | 46.8 |
| 09:00 AM - 10:00 AM | 54.7 | 73.0 | 52.1 |
| 10:00 AM - 11:00 AM | 53.2 | 71.6 | 49.8 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673495-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-5
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 53.8 | 76.0 | 48.8 |
| 12:00 PM - 01:00 PM | 55.0 | 80.6 | 47.8 |
| 01:00 PM - 02:00 PM | 50.6 | 75.5 | 46.6 |
| 02:00 PM - 03:00 PM | 59.6 | 92.6 | 44.1 |
| 03:00 PM - 04:00 PM | 46.8 | 68.4 | 42.6 |
| 04:00 PM - 05:00 PM | 52.2 | 76.5 | 42.2 |
| 05:00 PM - 06:00 PM | 52.9 | 87.0 | 41.0 |
| 06:00 PM - 07:00 PM | 41.5 | 54.8 | 39.2 |
| 07:00 PM - 08:00 PM | 54.5 | 85.2 | 38.4 |
| 08:00 PM - 09:00 PM | 42.9 | 60.5 | 41.1 |
| 09:00 PM - 10:00 PM | 56.7 | 83.2 | 42.9 |
| 10:00 PM - 10:05 PM | 54.9 | 76.7 | 37.6 |
| 10:05 PM - 10:10 PM | 38.4 | 56.1 | 37.4 |
| 10:10 PM - 10:15 PM | 39.2 | 49.5 | 37.8 |
| 10:15 PM - 10:20 PM | 39.2 | 46.0 | 38.2 |
| 10:20 PM - 10:25 PM | 39.7 | 47.1 | 38.3 |
| 10:25 PM - 10:30 PM | 39.8 | 47.5 | 37.9 |
| 10:30 PM - 10:35 PM | 41.4 | 53.3 | 36.6 |
| 10:35 PM - 10:40 PM | 40.5 | 47.3 | 38.1 |
| 10:40 PM - 10:45 PM | 42.0 | 49.1 | 37.8 |
| 10:45 PM - 10:50 PM | 38.3 | 48.1 | 36.9 |
| 10:50 PM - 10:55 PM | 40.8 | 48.3 | 38.6 |
| 10:55 PM - 11:00 PM | 39.4 | 48.3 | 37.2 |
| 11:00 PM - 11:05 PM | 37.3 | 41.2 | 36.4 |
| 11:05 PM - 11:10 PM | 42.7 | 64.8 | 37.8 |
| 11:10 PM - 11:15 PM | 53.0 | 70.0 | 38.1 |
| 11:15 PM - 11:20 PM | 38.8 | 42.8 | 37.4 |
| 11:20 PM - 11:25 PM | 38.0 | 48.4 | 36.8 |
| 11:25 PM - 11:30 PM | 38.6 | 58.0 | 35.7 |
| 11:30 PM - 11:35 PM | 37.6 | 43.8 | 35.8 |
| 11:35 PM - 11:40 PM | 39.4 | 48.4 | 36.8 |
| 11:40 PM - 11:45 PM | 51.0 | 70.5 | 38.7 |
| 11:45 PM - 11:50 PM | 56.1 | 73.7 | 36.6 |
| 11:50 PM - 11:55 PM | 45.5 | 58.8 | 38.6 |
| 11:55 PM - 12:00 AM | 38.0 | 44.0 | 36.3 |
| 12:00 AM - 12:05 AM | 38.0 | 48.5 | 36.6 |
| 12:05 AM - 12:10 AM | 47.2 | 67.7 | 37.4 |
| 12:10 AM - 12:15 AM | 51.9 | 70.3 | 37.9 |
| 12:15 AM - 12:20 AM | 58.5 | 75.0 | 44.0 |
| 12:20 AM - 12:25 AM | 67.1 | 89.1 | 56.5 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673495-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-5
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:25 AM - 12:30 AM | 55.5 | 74.1 | 50.2 |
| 12:30 AM - 12:35 AM | 51.8 | 75.6 | 41.3 |
| 12:35 AM - 12:40 AM | 49.6 | 60.5 | 44.4 |
| 12:40 AM - 12:45 AM | 50.2 | 71.1 | 46.0 |
| 12:45 AM - 12:50 AM | 52.1 | 60.4 | 47.5 |
| 12:50 AM - 12:55 AM | 61.5 | 78.3 | 46.5 |
| 12:55 AM - 01:00 AM | 69.6 | 82.7 | 55.8 |
| 01:00 AM - 01:05 AM | 61.3 | 84.8 | 54.0 |
| 01:05 AM - 01:10 AM | 59.7 | 74.2 | 56.4 |
| 01:10 AM - 01:15 AM | 58.1 | 65.7 | 55.0 |
| 01:15 AM - 01:20 AM | 57.8 | 76.8 | 53.1 |
| 01:20 AM - 01:25 AM | 55.8 | 66.6 | 53.5 |
| 01:25 AM - 01:30 AM | 53.2 | 62.5 | 50.7 |
| 01:30 AM - 01:35 AM | 61.6 | 79.6 | 47.8 |
| 01:35 AM - 01:40 AM | 59.2 | 78.7 | 46.3 |
| 01:40 AM - 01:45 AM | 50.6 | 64.6 | 46.3 |
| 01:45 AM - 01:50 AM | 55.6 | 70.7 | 45.8 |
| 01:50 AM - 01:55 AM | 49.6 | 67.0 | 44.9 |
| 01:55 AM - 02:00 AM | 52.9 | 67.6 | 46.8 |
| 02:00 AM - 02:05 AM | 52.8 | 67.6 | 47.0 |
| 02:05 AM - 02:10 AM | 52.1 | 60.0 | 48.1 |
| 02:10 AM - 02:15 AM | 52.5 | 59.8 | 49.1 |
| 02:15 AM - 02:20 AM | 52.0 | 62.5 | 50.1 |
| 02:20 AM - 02:25 AM | 50.8 | 63.0 | 47.0 |
| 02:25 AM - 02:30 AM | 52.9 | 76.1 | 48.1 |
| 02:30 AM - 02:35 AM | 50.5 | 64.4 | 47.4 |
| 02:35 AM - 02:40 AM | 52.1 | 64.1 | 47.0 |
| 02:40 AM - 02:45 AM | 51.7 | 66.9 | 46.1 |
| 02:45 AM - 02:50 AM | 53.1 | 68.9 | 47.7 |
| 02:50 AM - 02:55 AM | 61.2 | 81.4 | 47.7 |
| 02:55 AM - 03:00 AM | 64.0 | 89.4 | 47.4 |
| 03:00 AM - 03:05 AM | 49.9 | 59.3 | 47.7 |
| 03:05 AM - 03:10 AM | 51.0 | 64.4 | 47.8 |
| 03:10 AM - 03:15 AM | 50.4 | 61.1 | 47.8 |
| 03:15 AM - 03:20 AM | 50.1 | 60.4 | 47.2 |
| 03:20 AM - 03:25 AM | 50.7 | 65.9 | 47.3 |
| 03:25 AM - 03:30 AM | 51.4 | 62.1 | 47.2 |
| 03:30 AM - 03:35 AM | 55.1 | 76.4 | 47.7 |
| 03:35 AM - 03:40 AM | 54.9 | 67.6 | 50.2 |
| 03:40 AM - 03:45 AM | 53.3 | 64.4 | 48.1 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673495-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-5
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:45 AM - 03:50 AM | 49.8 | 59.1 | 46.7 |
| 03:50 AM - 03:55 AM | 51.6 | 63.3 | 47.0 |
| 03:55 AM - 04:00 AM | 50.9 | 65.7 | 47.4 |
| 04:00 AM - 04:05 AM | 51.3 | 72.4 | 47.2 |
| 04:05 AM - 04:10 AM | 52.7 | 64.9 | 49.1 |
| 04:10 AM - 04:15 AM | 50.7 | 60.3 | 47.0 |
| 04:15 AM - 04:20 AM | 50.3 | 60.1 | 47.0 |
| 04:20 AM - 04:25 AM | 54.5 | 72.0 | 47.9 |
| 04:25 AM - 04:30 AM | 50.1 | 61.6 | 47.0 |
| 04:30 AM - 04:35 AM | 64.0 | 86.6 | 31.7 |
| 04:35 AM - 04:40 AM | 64.9 | 87.6 | 31.9 |
| 04:40 AM - 04:45 AM | 48.7 | 67.2 | 46.5 |
| 04:45 AM - 04:50 AM | 52.6 | 68.6 | 46.2 |
| 04:50 AM - 04:55 AM | 50.2 | 68.7 | 44.9 |
| 04:55 AM - 05:00 AM | 49.4 | 61.7 | 45.0 |
| 05:00 AM - 05:05 AM | 48.1 | 65.1 | 44.6 |
| 05:05 AM - 05:10 AM | 47.7 | 63.5 | 44.1 |
| 05:10 AM - 05:15 AM | 51.1 | 71.8 | 45.7 |
| 05:15 AM - 05:20 AM | 51.9 | 69.4 | 46.7 |
| 05:20 AM - 05:25 AM | 58.3 | 77.4 | 47.9 |
| 05:25 AM - 05:30 AM | 57.8 | 76.2 | 48.5 |
| 05:30 AM - 05:35 AM | 56.9 | 72.8 | 49.5 |
| 05:35 AM - 05:40 AM | 53.7 | 72.0 | 47.9 |
| 05:40 AM - 05:45 AM | 49.9 | 56.1 | 47.0 |
| 05:45 AM - 05:50 AM | 49.4 | 58.7 | 46.4 |
| 05:50 AM - 05:55 AM | 48.4 | 63.2 | 44.4 |
| 05:55 AM - 06:00 AM | 54.8 | 74.7 | 45.2 |
| 06:00 AM - 07:00 AM | 54.4 | 80.9 | 44.9 |
| 07:00 AM - 08:00 AM | 50.9 | 76.3 | 42.8 |
| 08:00 AM - 09:00 AM | 65.2 | 78.9 | 61.8 |
| 09:00 AM - 10:00 AM | 56.0 | 77.6 | 52.7 |
| 10:00 AM - 11:00 AM | 54.8 | 74.4 | 51.8 |

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.

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673496-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-6
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 53.8 | 73.6 | 49.4 |
| 12:00 PM - 01:00 PM | 54.1 | 81.5 | 46.9 |
| 01:00 PM - 02:00 PM | 51.7 | 84.5 | 41.9 |
| 02:00 PM - 03:00 PM | 53.0 | 81.2 | 43.3 |
| 03:00 PM - 04:00 PM | 48.7 | 73.6 | 42.9 |
| 04:00 PM - 05:00 PM | 56.5 | 77.9 | 54.0 |
| 05:00 PM - 06:00 PM | 57.6 | 84.5 | 53.6 |
| 06:00 PM - 07:00 PM | 52.9 | 64.1 | 46.5 |
| 07:00 PM - 08:00 PM | 53.4 | 64.6 | 46.9 |
| 08:00 PM - 09:00 PM | 55.4 | 62.5 | 51.7 |
| 09:00 PM - 10:00 PM | 54.4 | 66.4 | 50.4 |
| 10:00 PM - 10:05 PM | 58.7 | 64.4 | 56.6 |
| 10:05 PM - 10:10 PM | 58.4 | 64.4 | 55.5 |
| 10:10 PM - 10:15 PM | 56.8 | 63.6 | 40.2 |
| 10:15 PM - 10:20 PM | 56.2 | 63.0 | 42.2 |
| 10:20 PM - 10:25 PM | 54.7 | 61.2 | 39.9 |
| 10:25 PM - 10:30 PM | 54.7 | 64.2 | 40.4 |
| 10:30 PM - 10:35 PM | 55.7 | 62.9 | 40.7 |
| 10:35 PM - 10:40 PM | 56.5 | 61.4 | 47.0 |
| 10:40 PM - 10:45 PM | 57.2 | 62.4 | 43.1 |
| 10:45 PM - 10:50 PM | 49.6 | 60.7 | 39.2 |
| 10:50 PM - 10:55 PM | 47.4 | 60.2 | 38.4 |
| 10:55 PM - 11:00 PM | 51.0 | 68.2 | 39.0 |
| 11:00 PM - 11:05 PM | 50.6 | 60.9 | 39.9 |
| 11:05 PM - 11:10 PM | 56.9 | 73.1 | 38.6 |
| 11:10 PM - 11:15 PM | 47.6 | 59.6 | 38.0 |
| 11:15 PM - 11:20 PM | 48.3 | 59.1 | 38.5 |
| 11:20 PM - 11:25 PM | 50.4 | 67.3 | 41.6 |
| 11:25 PM - 11:30 PM | 49.2 | 59.7 | 41.6 |
| 11:30 PM - 11:35 PM | 54.6 | 60.9 | 51.6 |
| 11:35 PM - 11:40 PM | 54.5 | 61.6 | 51.4 |
| 11:40 PM - 11:45 PM | 55.5 | 62.3 | 51.8 |
| 11:45 PM - 11:50 PM | 53.1 | 61.1 | 50.3 |
| 11:50 PM - 11:55 PM | 50.7 | 61.4 | 48.7 |
| 11:55 PM - 12:00 AM | 50.7 | 57.7 | 49.6 |
| 12:00 AM - 12:05 AM | 48.0 | 54.5 | 46.9 |
| 12:05 AM - 12:10 AM | 45.6 | 54.9 | 42.4 |
| 12:10 AM - 12:15 AM | 45.8 | 61.3 | 41.9 |
| 12:15 AM - 12:20 AM | 48.6 | 60.4 | 42.5 |
| 12:20 AM - 12:25 AM | 42.9 | 53.8 | 41.2 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673496-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-6
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:25 AM - 12:30 AM | 44.0 | 52.7 | 41.4 |
| 12:30 AM - 12:35 AM | 55.2 | 72.3 | 39.6 |
| 12:35 AM - 12:40 AM | 44.4 | 59.5 | 38.1 |
| 12:40 AM - 12:45 AM | 41.1 | 58.6 | 37.9 |
| 12:45 AM - 12:50 AM | 53.4 | 73.2 | 37.9 |
| 12:50 AM - 12:55 AM | 55.7 | 76.5 | 37.5 |
| 12:55 AM - 01:00 AM | 56.8 | 78.5 | 38.6 |
| 01:00 AM - 01:05 AM | 58.4 | 76.4 | 41.1 |
| 01:05 AM - 01:10 AM | 47.2 | 62.0 | 40.8 |
| 01:10 AM - 01:15 AM | 59.9 | 77.2 | 41.7 |
| 01:15 AM - 01:20 AM | 59.1 | 77.0 | 48.5 |
| 01:20 AM - 01:25 AM | 58.6 | 75.5 | 44.9 |
| 01:25 AM - 01:30 AM | 49.3 | 67.3 | 43.2 |
| 01:30 AM - 01:35 AM | 52.0 | 67.0 | 44.0 |
| 01:35 AM - 01:40 AM | 53.5 | 69.7 | 43.2 |
| 01:40 AM - 01:45 AM | 47.4 | 63.6 | 43.1 |
| 01:45 AM - 01:50 AM | 48.6 | 60.6 | 43.7 |
| 01:50 AM - 01:55 AM | 57.6 | 82.0 | 44.5 |
| 01:55 AM - 02:00 AM | 66.9 | 87.5 | 45.2 |
| 02:00 AM - 02:05 AM | 49.4 | 60.7 | 45.4 |
| 02:05 AM - 02:10 AM | 49.7 | 65.2 | 45.8 |
| 02:10 AM - 02:15 AM | 54.1 | 71.3 | 46.6 |
| 02:15 AM - 02:20 AM | 53.4 | 62.1 | 48.8 |
| 02:20 AM - 02:25 AM | 52.6 | 62.7 | 46.7 |
| 02:25 AM - 02:30 AM | 49.4 | 58.8 | 46.6 |
| 02:30 AM - 02:35 AM | 53.3 | 69.1 | 48.1 |
| 02:35 AM - 02:40 AM | 50.7 | 61.0 | 45.7 |
| 02:40 AM - 02:45 AM | 58.7 | 76.6 | 46.5 |
| 02:45 AM - 02:50 AM | 59.3 | 90.0 | 45.7 |
| 02:50 AM - 02:55 AM | 51.2 | 64.0 | 46.6 |
| 02:55 AM - 03:00 AM | 50.8 | 63.5 | 47.5 |
| 03:00 AM - 03:05 AM | 54.2 | 69.5 | 47.1 |
| 03:05 AM - 03:10 AM | 56.7 | 71.5 | 47.8 |
| 03:10 AM - 03:15 AM | 53.5 | 74.8 | 48.1 |
| 03:15 AM - 03:20 AM | 52.8 | 66.1 | 47.7 |
| 03:20 AM - 03:25 AM | 53.1 | 67.7 | 47.0 |
| 03:25 AM - 03:30 AM | 54.1 | 72.6 | 47.0 |
| 03:30 AM - 03:35 AM | 52.1 | 67.2 | 47.2 |
| 03:35 AM - 03:40 AM | 52.6 | 67.3 | 47.1 |
| 03:40 AM - 03:45 AM | 57.4 | 75.6 | 46.4 |

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

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673496-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-6
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:45 AM - 03:50 AM | 50.5 | 63.3 | 46.3 |
| 03:50 AM - 03:55 AM | 51.5 | 65.4 | 47.1 |
| 03:55 AM - 04:00 AM | 53.4 | 68.6 | 45.3 |
| 04:00 AM - 04:05 AM | 50.9 | 64.0 | 46.2 |
| 04:05 AM - 04:10 AM | 52.7 | 70.9 | 45.5 |
| 04:10 AM - 04:15 AM | 49.2 | 63.1 | 44.8 |
| 04:15 AM - 04:20 AM | 53.1 | 66.3 | 46.7 |
| 04:20 AM - 04:25 AM | 48.5 | 61.1 | 45.5 |
| 04:25 AM - 04:30 AM | 52.7 | 67.3 | 45.7 |
| 04:30 AM - 04:35 AM | 51.8 | 62.5 | 45.8 |
| 04:35 AM - 04:40 AM | 54.2 | 68.5 | 46.4 |
| 04:40 AM - 04:45 AM | 52.2 | 62.6 | 45.9 |
| 04:45 AM - 04:50 AM | 51.8 | 75.7 | 45.0 |
| 04:50 AM - 04:55 AM | 53.7 | 64.0 | 46.9 |
| 04:55 AM - 05:00 AM | 49.4 | 59.7 | 45.0 |
| 05:00 AM - 05:05 AM | 53.6 | 62.4 | 47.9 |
| 05:05 AM - 05:10 AM | 55.0 | 64.6 | 48.5 |
| 05:10 AM - 05:15 AM | 54.1 | 63.5 | 46.9 |
| 05:15 AM - 05:20 AM | 53.3 | 63.4 | 47.8 |
| 05:20 AM - 05:25 AM | 63.8 | 82.9 | 49.2 |
| 05:25 AM - 05:30 AM | 52.3 | 64.4 | 46.6 |
| 05:30 AM - 05:35 AM | 51.3 | 63.2 | 46.7 |
| 05:35 AM - 05:40 AM | 51.0 | 63.6 | 46.6 |
| 05:40 AM - 05:45 AM | 51.0 | 63.1 | 45.4 |
| 05:45 AM - 05:50 AM | 48.9 | 61.1 | 45.1 |
| 05:50 AM - 05:55 AM | 54.1 | 70.5 | 45.4 |
| 05:55 AM - 06:00 AM | 51.1 | 65.4 | 45.8 |
| 06:00 AM - 07:00 AM | 54.3 | 71.8 | 50.1 |
| 07:00 AM - 08:00 AM | 54.7 | 78.4 | 50.2 |
| 08:00 AM - 09:00 AM | 53.6 | 81.6 | 45.5 |
| 09:00 AM - 10:00 AM | 55.8 | 83.0 | 49.2 |
| 10:00 AM - 11:00 AM | 56.5 | 82.3 | 50.1 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673497-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-7
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 11:00 AM - 12:00 PM | 53.7 | 73.0 | 49.3 |
| 12:00 PM - 01:00 PM | 56.1 | 80.6 | 50.1 |
| 01:00 PM - 02:00 PM | 53.1 | 80.1 | 46.5 |
| 02:00 PM - 03:00 PM | 54.3 | 84.8 | 45.0 |
| 03:00 PM - 04:00 PM | 47.7 | 67.0 | 44.0 |
| 04:00 PM - 05:00 PM | 46.1 | 69.4 | 42.2 |
| 05:00 PM - 06:00 PM | 47.0 | 65.4 | 42.7 |
| 06:00 PM - 07:00 PM | 47.6 | 62.1 | 42.4 |
| 07:00 PM - 08:00 PM | 46.8 | 61.1 | 42.2 |
| 08:00 PM - 09:00 PM | 46.4 | 61.3 | 39.2 |
| 09:00 PM - 10:00 PM | 57.8 | 69.6 | 54.8 |
| 10:00 PM - 10:05 PM | 59.8 | 64.0 | 58.7 |
| 10:05 PM - 10:10 PM | 58.8 | 63.4 | 57.2 |
| 10:10 PM - 10:15 PM | 58.6 | 62.6 | 57.0 |
| 10:15 PM - 10:20 PM | 58.6 | 62.5 | 56.6 |
| 10:20 PM - 10:25 PM | 56.1 | 61.7 | 52.2 |
| 10:25 PM - 10:30 PM | 57.1 | 62.6 | 52.6 |
| 10:30 PM - 10:35 PM | 58.0 | 62.6 | 55.4 |
| 10:35 PM - 10:40 PM | 59.7 | 75.0 | 57.7 |
| 10:40 PM - 10:45 PM | 60.8 | 64.7 | 59.6 |
| 10:45 PM - 10:50 PM | 60.3 | 64.9 | 58.7 |
| 10:50 PM - 10:55 PM | 60.1 | 64.2 | 58.3 |
| 10:55 PM - 11:00 PM | 59.4 | 63.7 | 58.1 |
| 11:00 PM - 11:05 PM | 63.1 | 78.7 | 57.8 |
| 11:05 PM - 11:10 PM | 56.4 | 65.2 | 44.3 |
| 11:10 PM - 11:15 PM | 57.1 | 68.9 | 47.5 |
| 11:15 PM - 11:20 PM | 55.6 | 64.2 | 47.4 |
| 11:20 PM - 11:25 PM | 58.3 | 82.1 | 46.2 |
| 11:25 PM - 11:30 PM | 54.4 | 65.9 | 43.6 |
| 11:30 PM - 11:35 PM | 55.6 | 69.0 | 44.6 |
| 11:35 PM - 11:40 PM | 48.7 | 58.6 | 43.2 |
| 11:40 PM - 11:45 PM | 49.3 | 58.5 | 42.9 |
| 11:45 PM - 11:50 PM | 50.8 | 60.2 | 44.0 |
| 11:50 PM - 11:55 PM | 51.3 | 64.6 | 45.9 |
| 11:55 PM - 12:00 AM | 55.4 | 71.9 | 47.5 |
| 12:00 AM - 12:05 AM | 56.3 | 72.6 | 44.6 |
| 12:05 AM - 12:10 AM | 49.6 | 59.4 | 46.5 |
| 12:10 AM - 12:15 AM | 51.9 | 69.8 | 44.0 |
| 12:15 AM - 12:20 AM | 49.5 | 64.5 | 45.8 |
| 12:20 AM - 12:25 AM | 49.3 | 58.4 | 45.4 |

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Approved by

Wilawan Borirak
Manager

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673497-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-7
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:25 AM - 12:30 AM | 58.2 | 72.8 | 48.7 |
| 12:30 AM - 12:35 AM | 48.2 | 60.2 | 42.6 |
| 12:35 AM - 12:40 AM | 57.8 | 75.6 | 42.3 |
| 12:40 AM - 12:45 AM | 48.1 | 59.3 | 42.9 |
| 12:45 AM - 12:50 AM | 46.1 | 59.5 | 42.8 |
| 12:50 AM - 12:55 AM | 45.6 | 55.2 | 43.7 |
| 12:55 AM - 01:00 AM | 48.7 | 63.2 | 44.0 |
| 01:00 AM - 01:05 AM | 59.3 | 74.5 | 44.4 |
| 01:05 AM - 01:10 AM | 58.2 | 75.5 | 43.3 |
| 01:10 AM - 01:15 AM | 58.6 | 75.4 | 48.6 |
| 01:15 AM - 01:20 AM | 59.3 | 78.6 | 45.7 |
| 01:20 AM - 01:25 AM | 52.7 | 71.2 | 44.4 |
| 01:25 AM - 01:30 AM | 57.0 | 77.3 | 43.1 |
| 01:30 AM - 01:35 AM | 51.1 | 68.3 | 43.5 |
| 01:35 AM - 01:40 AM | 65.3 | 87.1 | 43.3 |
| 01:40 AM - 01:45 AM | 56.4 | 80.1 | 42.4 |
| 01:45 AM - 01:50 AM | 66.3 | 91.1 | 44.4 |
| 01:50 AM - 01:55 AM | 50.8 | 64.7 | 44.3 |
| 01:55 AM - 02:00 AM | 51.0 | 66.6 | 44.5 |
| 02:00 AM - 02:05 AM | 54.1 | 71.2 | 45.2 |
| 02:05 AM - 02:10 AM | 51.1 | 63.1 | 46.4 |
| 02:10 AM - 02:15 AM | 53.8 | 73.4 | 45.6 |
| 02:15 AM - 02:20 AM | 50.8 | 67.3 | 44.7 |
| 02:20 AM - 02:25 AM | 53.0 | 68.0 | 45.5 |
| 02:25 AM - 02:30 AM | 51.9 | 66.7 | 46.1 |
| 02:30 AM - 02:35 AM | 51.1 | 60.8 | 46.9 |
| 02:35 AM - 02:40 AM | 61.8 | 87.7 | 46.7 |
| 02:40 AM - 02:45 AM | 52.6 | 68.0 | 45.8 |
| 02:45 AM - 02:50 AM | 50.4 | 60.8 | 46.8 |
| 02:50 AM - 02:55 AM | 50.2 | 58.0 | 46.7 |
| 02:55 AM - 03:00 AM | 51.5 | 66.6 | 47.8 |
| 03:00 AM - 03:05 AM | 61.4 | 80.6 | 46.7 |
| 03:05 AM - 03:10 AM | 51.9 | 62.1 | 46.5 |
| 03:10 AM - 03:15 AM | 52.0 | 64.4 | 46.2 |
| 03:15 AM - 03:20 AM | 51.8 | 67.5 | 45.6 |
| 03:20 AM - 03:25 AM | 50.0 | 67.1 | 44.2 |
| 03:25 AM - 03:30 AM | 52.3 | 66.0 | 46.7 |
| 03:30 AM - 03:35 AM | 49.9 | 60.3 | 45.0 |
| 03:35 AM - 03:40 AM | 50.7 | 66.5 | 44.4 |
| 03:40 AM - 03:45 AM | 52.3 | 65.3 | 44.1 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673497-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-7
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศใต้ของพื้นที่โครงการ (N1) (GPS 47P 0731663, 1445690) (Shut down)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 623390

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:45 AM - 03:50 AM | 50.1 | 64.0 | 44.9 |
| 03:50 AM - 03:55 AM | 48.9 | 59.5 | 45.3 |
| 03:55 AM - 04:00 AM | 49.1 | 57.8 | 45.6 |
| 04:00 AM - 04:05 AM | 48.6 | 58.9 | 45.7 |
| 04:05 AM - 04:10 AM | 53.6 | 75.4 | 46.0 |
| 04:10 AM - 04:15 AM | 49.9 | 61.0 | 45.4 |
| 04:15 AM - 04:20 AM | 53.0 | 71.5 | 46.8 |
| 04:20 AM - 04:25 AM | 54.1 | 68.5 | 49.6 |
| 04:25 AM - 04:30 AM | 55.0 | 69.0 | 50.2 |
| 04:30 AM - 04:35 AM | 61.8 | 82.3 | 46.3 |
| 04:35 AM - 04:40 AM | 54.2 | 65.9 | 47.6 |
| 04:40 AM - 04:45 AM | 61.4 | 77.9 | 52.1 |
| 04:45 AM - 04:50 AM | 55.1 | 67.9 | 51.1 |
| 04:50 AM - 04:55 AM | 52.6 | 65.2 | 48.3 |
| 04:55 AM - 05:00 AM | 60.3 | 76.0 | 53.8 |
| 05:00 AM - 05:05 AM | 54.1 | 71.9 | 50.0 |
| 05:05 AM - 05:10 AM | 53.7 | 69.1 | 49.5 |
| 05:10 AM - 05:15 AM | 55.0 | 74.5 | 49.1 |
| 05:15 AM - 05:20 AM | 53.9 | 70.2 | 49.6 |
| 05:20 AM - 05:25 AM | 52.9 | 68.8 | 49.2 |
| 05:25 AM - 05:30 AM | 55.0 | 70.6 | 48.4 |
| 05:30 AM - 05:35 AM | 56.0 | 74.6 | 48.8 |
| 05:35 AM - 05:40 AM | 54.7 | 71.3 | 50.1 |
| 05:40 AM - 05:45 AM | 54.7 | 72.4 | 49.7 |
| 05:45 AM - 05:50 AM | 54.2 | 69.9 | 48.7 |
| 05:50 AM - 05:55 AM | 52.7 | 71.0 | 49.0 |
| 05:55 AM - 06:00 AM | 55.1 | 71.6 | 50.6 |
| 06:00 AM - 07:00 AM | 53.5 | 75.3 | 49.4 |
| 07:00 AM - 08:00 AM | 53.8 | 76.4 | 49.4 |
| 08:00 AM - 09:00 AM | 49.6 | 72.9 | 45.1 |
| 09:00 AM - 10:00 AM | 55.9 | 90.0 | 48.0 |
| 10:00 AM - 11:00 AM | 48.4 | 72.7 | 43.2 |

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.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673498-1

P/O :

Project Name : Khao Khan Song

Project Location :

Page 1 of 3

Sample No. 2351989-8
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 42.2 | 71.3 | 37.8 |
| 03:00 PM - 04:00 PM | 54.4 | 88.3 | 41.2 |
| 04:00 PM - 05:00 PM | 47.2 | 66.6 | 42.5 |
| 05:00 PM - 06:00 PM | 58.4 | 90.9 | 43.1 |
| 06:00 PM - 07:00 PM | 48.5 | 68.7 | 42.4 |
| 07:00 PM - 08:00 PM | 46.3 | 65.0 | 43.4 |
| 08:00 PM - 09:00 PM | 45.9 | 60.3 | 42.9 |
| 09:00 PM - 10:00 PM | 60.6 | 93.1 | 43.1 |
| 10:00 PM - 10:05 PM | 50.2 | 68.1 | 42.6 |
| 10:05 PM - 10:10 PM | 51.1 | 74.0 | 44.8 |
| 10:10 PM - 10:15 PM | 49.3 | 68.9 | 45.1 |
| 10:15 PM - 10:20 PM | 48.7 | 57.0 | 44.4 |
| 10:20 PM - 10:25 PM | 49.8 | 63.5 | 44.5 |
| 10:25 PM - 10:30 PM | 47.3 | 57.3 | 43.4 |
| 10:30 PM - 10:35 PM | 45.5 | 54.4 | 43.4 |
| 10:35 PM - 10:40 PM | 49.7 | 58.8 | 43.7 |
| 10:40 PM - 10:45 PM | 46.4 | 59.7 | 40.9 |
| 10:45 PM - 10:50 PM | 48.6 | 61.3 | 40.0 |
| 10:50 PM - 10:55 PM | 43.5 | 59.4 | 39.7 |
| 10:55 PM - 11:00 PM | 41.4 | 49.9 | 39.8 |
| 11:00 PM - 11:05 PM | 44.6 | 59.4 | 41.0 |
| 11:05 PM - 11:10 PM | 42.9 | 52.3 | 40.7 |
| 11:10 PM - 11:15 PM | 50.8 | 63.5 | 40.3 |
| 11:15 PM - 11:20 PM | 42.3 | 51.1 | 40.1 |
| 11:20 PM - 11:25 PM | 44.3 | 54.2 | 40.3 |
| 11:25 PM - 11:30 PM | 47.0 | 56.5 | 40.2 |
| 11:30 PM - 11:35 PM | 49.2 | 61.5 | 41.8 |
| 11:35 PM - 11:40 PM | 46.8 | 57.5 | 41.6 |
| 11:40 PM - 11:45 PM | 45.5 | 56.5 | 41.2 |
| 11:45 PM - 11:50 PM | 47.4 | 56.6 | 41.6 |
| 11:50 PM - 11:55 PM | 47.1 | 60.6 | 41.8 |
| 11:55 PM - 12:00 AM | 47.4 | 56.5 | 43.2 |
| 12:00 AM - 12:05 AM | 49.9 | 58.9 | 44.0 |
| 12:05 AM - 12:10 AM | 49.2 | 58.0 | 43.6 |
| 12:10 AM - 12:15 AM | 50.5 | 59.0 | 41.6 |
| 12:15 AM - 12:20 AM | 50.3 | 61.7 | 43.4 |
| 12:20 AM - 12:25 AM | 49.7 | 57.6 | 43.2 |
| 12:25 AM - 12:30 AM | 49.1 | 57.7 | 41.7 |
| 12:30 AM - 12:35 AM | 50.3 | 59.1 | 41.5 |
| 12:35 AM - 12:40 AM | 53.4 | 62.7 | 42.4 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673498-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-8
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:40 AM - 12:45 AM | 53.0 | 59.2 | 43.7 |
| 12:45 AM - 12:50 AM | 51.0 | 59.1 | 42.6 |
| 12:50 AM - 12:55 AM | 51.0 | 60.8 | 42.0 |
| 12:55 AM - 01:00 AM | 51.2 | 63.2 | 41.7 |
| 01:00 AM - 01:05 AM | 57.0 | 63.4 | 45.7 |
| 01:05 AM - 01:10 AM | 56.4 | 64.6 | 44.8 |
| 01:10 AM - 01:15 AM | 58.0 | 63.2 | 55.0 |
| 01:15 AM - 01:20 AM | 57.9 | 62.8 | 53.6 |
| 01:20 AM - 01:25 AM | 57.8 | 64.4 | 53.8 |
| 01:25 AM - 01:30 AM | 58.1 | 64.7 | 51.2 |
| 01:30 AM - 01:35 AM | 59.7 | 65.4 | 54.6 |
| 01:35 AM - 01:40 AM | 58.6 | 63.7 | 55.7 |
| 01:40 AM - 01:45 AM | 59.2 | 65.1 | 56.6 |
| 01:45 AM - 01:50 AM | 59.0 | 64.3 | 55.6 |
| 01:50 AM - 01:55 AM | 59.4 | 68.9 | 54.5 |
| 01:55 AM - 02:00 AM | 52.6 | 64.7 | 43.5 |
| 02:00 AM - 02:05 AM | 57.8 | 63.4 | 44.2 |
| 02:05 AM - 02:10 AM | 58.6 | 64.7 | 43.3 |
| 02:10 AM - 02:15 AM | 60.5 | 66.1 | 57.2 |
| 02:15 AM - 02:20 AM | 61.5 | 67.6 | 58.4 |
| 02:20 AM - 02:25 AM | 62.1 | 67.2 | 59.0 |
| 02:25 AM - 02:30 AM | 61.6 | 65.6 | 58.8 |
| 02:30 AM - 02:35 AM | 61.9 | 66.9 | 59.5 |
| 02:35 AM - 02:40 AM | 61.1 | 66.9 | 57.2 |
| 02:40 AM - 02:45 AM | 58.1 | 67.5 | 41.8 |
| 02:45 AM - 02:50 AM | 61.5 | 67.9 | 59.2 |
| 02:50 AM - 02:55 AM | 61.6 | 67.6 | 59.5 |
| 02:55 AM - 03:00 AM | 61.3 | 67.3 | 59.2 |
| 03:00 AM - 03:05 AM | 60.5 | 67.3 | 58.4 |
| 03:05 AM - 03:10 AM | 61.0 | 67.4 | 58.9 |
| 03:10 AM - 03:15 AM | 61.0 | 66.0 | 58.6 |
| 03:15 AM - 03:20 AM | 62.6 | 67.7 | 59.4 |
| 03:20 AM - 03:25 AM | 61.8 | 68.2 | 59.1 |
| 03:25 AM - 03:30 AM | 61.3 | 67.3 | 58.5 |
| 03:30 AM - 03:35 AM | 60.4 | 66.4 | 58.3 |
| 03:35 AM - 03:40 AM | 61.5 | 67.1 | 58.5 |
| 03:40 AM - 03:45 AM | 61.1 | 66.8 | 57.9 |
| 03:45 AM - 03:50 AM | 60.6 | 66.1 | 58.3 |
| 03:50 AM - 03:55 AM | 60.5 | 65.8 | 58.0 |
| 03:55 AM - 04:00 AM | 60.1 | 64.8 | 57.9 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673498-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-8
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 04:00 AM - 04:05 AM | 60.2 | 64.3 | 57.6 |
| 04:05 AM - 04:10 AM | 60.1 | 64.4 | 57.0 |
| 04:10 AM - 04:15 AM | 58.1 | 64.4 | 43.0 |
| 04:15 AM - 04:20 AM | 60.4 | 63.9 | 57.4 |
| 04:20 AM - 04:25 AM | 59.3 | 64.7 | 44.0 |
| 04:25 AM - 04:30 AM | 56.9 | 63.5 | 41.4 |
| 04:30 AM - 04:35 AM | 59.5 | 64.5 | 55.4 |
| 04:35 AM - 04:40 AM | 60.2 | 64.1 | 57.3 |
| 04:40 AM - 04:45 AM | 60.2 | 63.9 | 57.2 |
| 04:45 AM - 04:50 AM | 60.3 | 64.2 | 57.4 |
| 04:50 AM - 04:55 AM | 60.3 | 63.6 | 58.1 |
| 04:55 AM - 05:00 AM | 59.8 | 63.5 | 57.2 |
| 05:00 AM - 05:05 AM | 57.3 | 63.8 | 45.3 |
| 05:05 AM - 05:10 AM | 56.5 | 64.1 | 45.3 |
| 05:10 AM - 05:15 AM | 58.8 | 62.9 | 55.3 |
| 05:15 AM - 05:20 AM | 53.9 | 60.8 | 44.1 |
| 05:20 AM - 05:25 AM | 50.6 | 58.4 | 46.1 |
| 05:25 AM - 05:30 AM | 49.1 | 59.8 | 45.3 |
| 05:30 AM - 05:35 AM | 52.0 | 58.8 | 47.7 |
| 05:35 AM - 05:40 AM | 54.6 | 69.1 | 46.5 |
| 05:40 AM - 05:45 AM | 49.1 | 63.3 | 46.0 |
| 05:45 AM - 05:50 AM | 47.8 | 54.5 | 45.4 |
| 05:50 AM - 05:55 AM | 48.5 | 57.3 | 46.0 |
| 05:55 AM - 06:00 AM | 48.4 | 64.8 | 46.0 |
| 06:00 AM - 07:00 AM | 50.7 | 67.8 | 47.7 |
| 07:00 AM - 08:00 AM | 51.6 | 74.6 | 47.2 |
| 08:00 AM - 09:00 AM | 49.0 | 62.2 | 46.8 |
| 09:00 AM - 10:00 AM | 51.3 | 79.1 | 44.6 |
| 10:00 AM - 11:00 AM | 57.2 | 89.3 | 48.6 |
| 11:00 AM - 12:00 PM | 57.0 | 82.4 | 53.2 |
| 12:00 PM - 01:00 PM | 53.2 | 77.8 | 49.0 |
| 01:00 PM - 02:00 PM | 51.3 | 75.3 | 45.1 |

Reference Method :

- ISO 1996-1
- 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.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673499-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-9
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 58.6 | 86.4 | 43.4 |
| 03:00 PM - 04:00 PM | 52.3 | 80.8 | 45.5 |
| 04:00 PM - 05:00 PM | 55.0 | 83.5 | 44.1 |
| 05:00 PM - 06:00 PM | 51.1 | 72.5 | 43.6 |
| 06:00 PM - 07:00 PM | 51.9 | 66.6 | 46.7 |
| 07:00 PM - 08:00 PM | 57.1 | 71.7 | 50.4 |
| 08:00 PM - 09:00 PM | 50.8 | 65.3 | 45.7 |
| 09:00 PM - 10:00 PM | 57.2 | 66.5 | 45.5 |
| 10:00 PM - 10:05 PM | 62.2 | 67.5 | 48.2 |
| 10:05 PM - 10:10 PM | 58.6 | 67.0 | 46.5 |
| 10:10 PM - 10:15 PM | 62.5 | 67.4 | 45.5 |
| 10:15 PM - 10:20 PM | 58.7 | 66.3 | 46.3 |
| 10:20 PM - 10:25 PM | 61.8 | 67.7 | 45.3 |
| 10:25 PM - 10:30 PM | 61.5 | 66.4 | 47.3 |
| 10:30 PM - 10:35 PM | 63.0 | 67.5 | 55.7 |
| 10:35 PM - 10:40 PM | 56.4 | 67.3 | 47.1 |
| 10:40 PM - 10:45 PM | 64.8 | 68.2 | 63.0 |
| 10:45 PM - 10:50 PM | 62.4 | 67.7 | 44.3 |
| 10:50 PM - 10:55 PM | 61.0 | 67.5 | 45.3 |
| 10:55 PM - 11:00 PM | 59.7 | 68.1 | 46.5 |
| 11:00 PM - 11:05 PM | 59.6 | 67.1 | 45.1 |
| 11:05 PM - 11:10 PM | 60.5 | 67.3 | 46.0 |
| 11:10 PM - 11:15 PM | 64.3 | 67.7 | 62.7 |
| 11:15 PM - 11:20 PM | 56.7 | 66.8 | 46.9 |
| 11:20 PM - 11:25 PM | 61.4 | 68.7 | 47.2 |
| 11:25 PM - 11:30 PM | 63.6 | 69.3 | 59.7 |
| 11:30 PM - 11:35 PM | 58.2 | 66.0 | 46.0 |
| 11:35 PM - 11:40 PM | 62.6 | 68.6 | 49.5 |
| 11:40 PM - 11:45 PM | 60.8 | 67.6 | 48.0 |
| 11:45 PM - 11:50 PM | 62.2 | 68.2 | 46.9 |
| 11:50 PM - 11:55 PM | 64.6 | 68.8 | 55.5 |
| 11:55 PM - 12:00 AM | 65.6 | 69.6 | 63.8 |
| 12:00 AM - 12:05 AM | 54.0 | 64.5 | 44.0 |
| 12:05 AM - 12:10 AM | 63.0 | 69.0 | 45.2 |
| 12:10 AM - 12:15 AM | 60.3 | 66.4 | 45.3 |
| 12:15 AM - 12:20 AM | 63.5 | 69.0 | 52.7 |
| 12:20 AM - 12:25 AM | 51.0 | 63.8 | 43.5 |
| 12:25 AM - 12:30 AM | 62.8 | 69.2 | 46.1 |
| 12:30 AM - 12:35 AM | 66.0 | 69.5 | 64.2 |
| 12:35 AM - 12:40 AM | 63.7 | 70.2 | 43.8 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673499-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-9
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:40 AM - 12:45 AM | 57.6 | 68.4 | 43.9 |
| 12:45 AM - 12:50 AM | 61.8 | 69.1 | 42.3 |
| 12:50 AM - 12:55 AM | 62.6 | 70.4 | 42.7 |
| 12:55 AM - 01:00 AM | 62.4 | 69.9 | 44.0 |
| 01:00 AM - 01:05 AM | 64.1 | 70.0 | 44.6 |
| 01:05 AM - 01:10 AM | 59.8 | 69.5 | 44.1 |
| 01:10 AM - 01:15 AM | 65.8 | 70.6 | 63.3 |
| 01:15 AM - 01:20 AM | 64.3 | 70.5 | 53.3 |
| 01:20 AM - 01:25 AM | 59.7 | 69.2 | 45.0 |
| 01:25 AM - 01:30 AM | 59.3 | 70.2 | 44.7 |
| 01:30 AM - 01:35 AM | 62.5 | 69.8 | 51.1 |
| 01:35 AM - 01:40 AM | 63.0 | 70.8 | 53.6 |
| 01:40 AM - 01:45 AM | 54.8 | 66.6 | 42.7 |
| 01:45 AM - 01:50 AM | 64.5 | 71.3 | 46.9 |
| 01:50 AM - 01:55 AM | 58.8 | 71.1 | 43.5 |
| 01:55 AM - 02:00 AM | 63.1 | 70.5 | 51.7 |
| 02:00 AM - 02:05 AM | 66.5 | 72.1 | 56.4 |
| 02:05 AM - 02:10 AM | 66.1 | 71.4 | 60.2 |
| 02:10 AM - 02:15 AM | 65.5 | 70.8 | 50.9 |
| 02:15 AM - 02:20 AM | 63.5 | 71.2 | 51.7 |
| 02:20 AM - 02:25 AM | 66.8 | 71.9 | 60.3 |
| 02:25 AM - 02:30 AM | 64.7 | 72.2 | 44.0 |
| 02:30 AM - 02:35 AM | 59.5 | 71.2 | 43.8 |
| 02:35 AM - 02:40 AM | 67.1 | 71.8 | 63.5 |
| 02:40 AM - 02:45 AM | 67.4 | 71.6 | 63.9 |
| 02:45 AM - 02:50 AM | 63.9 | 71.8 | 45.8 |
| 02:50 AM - 02:55 AM | 61.2 | 71.5 | 46.6 |
| 02:55 AM - 03:00 AM | 68.2 | 72.4 | 62.6 |
| 03:00 AM - 03:05 AM | 69.0 | 72.9 | 67.1 |
| 03:05 AM - 03:10 AM | 68.6 | 71.8 | 66.0 |
| 03:10 AM - 03:15 AM | 68.6 | 72.4 | 65.6 |
| 03:15 AM - 03:20 AM | 67.4 | 71.9 | 52.0 |
| 03:20 AM - 03:25 AM | 61.5 | 72.5 | 43.3 |
| 03:25 AM - 03:30 AM | 68.2 | 74.2 | 57.7 |
| 03:30 AM - 03:35 AM | 66.8 | 73.5 | 49.5 |
| 03:35 AM - 03:40 AM | 64.4 | 72.4 | 48.2 |
| 03:40 AM - 03:45 AM | 64.2 | 72.4 | 44.5 |
| 03:45 AM - 03:50 AM | 64.6 | 73.2 | 46.2 |
| 03:50 AM - 03:55 AM | 66.4 | 72.1 | 47.3 |
| 03:55 AM - 04:00 AM | 67.6 | 72.0 | 60.0 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673499-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-9
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 04:00 AM - 04:05 AM | 67.1 | 72.6 | 46.6 |
| 04:05 AM - 04:10 AM | 67.9 | 73.1 | 46.2 |
| 04:10 AM - 04:15 AM | 67.5 | 72.3 | 61.3 |
| 04:15 AM - 04:20 AM | 66.6 | 72.4 | 46.5 |
| 04:20 AM - 04:25 AM | 67.8 | 72.8 | 62.4 |
| 04:25 AM - 04:30 AM | 64.5 | 71.5 | 42.2 |
| 04:30 AM - 04:35 AM | 67.1 | 72.2 | 63.6 |
| 04:35 AM - 04:40 AM | 66.8 | 71.1 | 58.9 |
| 04:40 AM - 04:45 AM | 64.8 | 71.6 | 43.9 |
| 04:45 AM - 04:50 AM | 60.0 | 71.6 | 41.3 |
| 04:50 AM - 04:55 AM | 57.8 | 71.5 | 41.4 |
| 04:55 AM - 05:00 AM | 57.4 | 69.7 | 42.7 |
| 05:00 AM - 05:05 AM | 54.4 | 68.5 | 43.4 |
| 05:05 AM - 05:10 AM | 49.4 | 65.2 | 43.2 |
| 05:10 AM - 05:15 AM | 48.8 | 63.8 | 42.6 |
| 05:15 AM - 05:20 AM | 44.6 | 51.2 | 42.6 |
| 05:20 AM - 05:25 AM | 47.4 | 56.6 | 43.3 |
| 05:25 AM - 05:30 AM | 50.9 | 61.3 | 45.4 |
| 05:30 AM - 05:35 AM | 53.1 | 61.0 | 47.2 |
| 05:35 AM - 05:40 AM | 52.3 | 60.3 | 46.0 |
| 05:40 AM - 05:45 AM | 49.3 | 58.5 | 44.9 |
| 05:45 AM - 05:50 AM | 46.8 | 56.3 | 44.5 |
| 05:50 AM - 05:55 AM | 49.6 | 65.5 | 45.2 |
| 05:55 AM - 06:00 AM | 49.6 | 60.9 | 46.9 |
| 06:00 AM - 07:00 AM | 49.5 | 67.1 | 46.4 |
| 07:00 AM - 08:00 AM | 51.7 | 70.8 | 46.8 |
| 08:00 AM - 09:00 AM | 50.4 | 69.1 | 46.6 |
| 09:00 AM - 10:00 AM | 55.0 | 84.5 | 43.0 |
| 10:00 AM - 11:00 AM | 46.0 | 70.0 | 43.2 |
| 11:00 AM - 12:00 PM | 46.6 | 67.7 | 43.4 |
| 12:00 PM - 01:00 PM | 44.6 | 63.2 | 41.4 |
| 01:00 PM - 02:00 PM | 46.8 | 67.8 | 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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673500-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-10
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 46.7 | 71.9 | 43.1 |
| 03:00 PM - 04:00 PM | 47.7 | 68.0 | 44.0 |
| 04:00 PM - 05:00 PM | 47.2 | 64.7 | 43.4 |
| 05:00 PM - 06:00 PM | 47.8 | 67.6 | 42.9 |
| 06:00 PM - 07:00 PM | 50.1 | 76.7 | 42.1 |
| 07:00 PM - 08:00 PM | 45.4 | 63.2 | 42.7 |
| 08:00 PM - 09:00 PM | 45.7 | 63.0 | 44.1 |
| 09:00 PM - 10:00 PM | 45.6 | 59.7 | 44.1 |
| 10:00 PM - 10:05 PM | 44.3 | 48.6 | 42.9 |
| 10:05 PM - 10:10 PM | 44.3 | 52.0 | 42.6 |
| 10:10 PM - 10:15 PM | 43.8 | 54.6 | 42.2 |
| 10:15 PM - 10:20 PM | 44.5 | 56.4 | 42.2 |
| 10:20 PM - 10:25 PM | 43.5 | 51.5 | 41.9 |
| 10:25 PM - 10:30 PM | 45.1 | 49.9 | 43.8 |
| 10:30 PM - 10:35 PM | 44.9 | 48.3 | 43.9 |
| 10:35 PM - 10:40 PM | 44.4 | 52.1 | 42.6 |
| 10:40 PM - 10:45 PM | 43.2 | 47.7 | 42.0 |
| 10:45 PM - 10:50 PM | 43.5 | 48.1 | 42.1 |
| 10:50 PM - 10:55 PM | 43.9 | 49.1 | 42.5 |
| 10:55 PM - 11:00 PM | 43.4 | 47.9 | 42.4 |
| 11:00 PM - 11:05 PM | 44.4 | 47.2 | 42.5 |
| 11:05 PM - 11:10 PM | 44.2 | 48.3 | 42.6 |
| 11:10 PM - 11:15 PM | 44.2 | 49.8 | 43.0 |
| 11:15 PM - 11:20 PM | 44.6 | 47.0 | 43.8 |
| 11:20 PM - 11:25 PM | 45.1 | 50.9 | 43.7 |
| 11:25 PM - 11:30 PM | 45.0 | 51.1 | 43.5 |
| 11:30 PM - 11:35 PM | 44.8 | 54.0 | 43.0 |
| 11:35 PM - 11:40 PM | 44.5 | 50.4 | 42.9 |
| 11:40 PM - 11:45 PM | 44.9 | 52.0 | 42.6 |
| 11:45 PM - 11:50 PM | 45.7 | 58.2 | 42.9 |
| 11:50 PM - 11:55 PM | 43.8 | 48.9 | 42.2 |
| 11:55 PM - 12:00 AM | 44.7 | 49.6 | 43.6 |
| 12:00 AM - 12:05 AM | 44.6 | 48.4 | 43.1 |
| 12:05 AM - 12:10 AM | 47.4 | 62.7 | 43.9 |
| 12:10 AM - 12:15 AM | 45.1 | 49.7 | 43.7 |
| 12:15 AM - 12:20 AM | 43.0 | 46.2 | 41.9 |
| 12:20 AM - 12:25 AM | 43.8 | 51.4 | 41.9 |
| 12:25 AM - 12:30 AM | 43.9 | 52.4 | 42.6 |
| 12:30 AM - 12:35 AM | 44.8 | 56.5 | 42.7 |
| 12:35 AM - 12:40 AM | 43.6 | 49.4 | 41.8 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673500-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-10
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:40 AM - 12:45 AM | 43.3 | 50.5 | 41.9 |
| 12:45 AM - 12:50 AM | 42.2 | 46.0 | 40.4 |
| 12:50 AM - 12:55 AM | 42.5 | 50.1 | 40.2 |
| 12:55 AM - 01:00 AM | 41.9 | 51.7 | 40.1 |
| 01:00 AM - 01:05 AM | 42.5 | 49.4 | 40.8 |
| 01:05 AM - 01:10 AM | 41.9 | 45.8 | 40.3 |
| 01:10 AM - 01:15 AM | 42.9 | 51.2 | 40.4 |
| 01:15 AM - 01:20 AM | 42.6 | 52.6 | 40.7 |
| 01:20 AM - 01:25 AM | 42.1 | 46.4 | 40.5 |
| 01:25 AM - 01:30 AM | 41.4 | 46.3 | 39.9 |
| 01:30 AM - 01:35 AM | 41.7 | 48.7 | 40.4 |
| 01:35 AM - 01:40 AM | 41.7 | 46.3 | 40.1 |
| 01:40 AM - 01:45 AM | 42.9 | 52.3 | 39.8 |
| 01:45 AM - 01:50 AM | 41.3 | 47.2 | 40.0 |
| 01:50 AM - 01:55 AM | 43.1 | 54.7 | 40.8 |
| 01:55 AM - 02:00 AM | 41.5 | 44.6 | 40.4 |
| 02:00 AM - 02:05 AM | 41.2 | 46.3 | 39.7 |
| 02:05 AM - 02:10 AM | 40.2 | 43.3 | 39.1 |
| 02:10 AM - 02:15 AM | 42.9 | 51.0 | 40.0 |
| 02:15 AM - 02:20 AM | 40.3 | 47.8 | 38.8 |
| 02:20 AM - 02:25 AM | 40.4 | 50.3 | 39.2 |
| 02:25 AM - 02:30 AM | 44.6 | 62.3 | 39.4 |
| 02:30 AM - 02:35 AM | 40.4 | 47.9 | 39.3 |
| 02:35 AM - 02:40 AM | 41.1 | 48.9 | 39.7 |
| 02:40 AM - 02:45 AM | 41.2 | 47.6 | 39.6 |
| 02:45 AM - 02:50 AM | 40.6 | 49.1 | 39.1 |
| 02:50 AM - 02:55 AM | 41.1 | 48.0 | 39.5 |
| 02:55 AM - 03:00 AM | 42.1 | 49.7 | 39.5 |
| 03:00 AM - 03:05 AM | 40.5 | 53.4 | 38.2 |
| 03:05 AM - 03:10 AM | 39.5 | 49.5 | 37.8 |
| 03:10 AM - 03:15 AM | 42.5 | 56.0 | 37.8 |
| 03:15 AM - 03:20 AM | 41.7 | 52.6 | 38.7 |
| 03:20 AM - 03:25 AM | 41.7 | 49.4 | 39.7 |
| 03:25 AM - 03:30 AM | 41.9 | 50.9 | 40.2 |
| 03:30 AM - 03:35 AM | 42.8 | 51.7 | 39.7 |
| 03:35 AM - 03:40 AM | 41.5 | 46.5 | 39.5 |
| 03:40 AM - 03:45 AM | 41.7 | 52.4 | 39.5 |
| 03:45 AM - 03:50 AM | 42.1 | 52.6 | 38.8 |
| 03:50 AM - 03:55 AM | 41.0 | 51.1 | 39.3 |
| 03:55 AM - 04:00 AM | 41.1 | 48.0 | 39.0 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673500-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-10
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 04:00 AM - 04:05 AM | 42.4 | 53.3 | 39.9 |
| 04:05 AM - 04:10 AM | 42.3 | 50.3 | 40.4 |
| 04:10 AM - 04:15 AM | 42.4 | 48.5 | 40.6 |
| 04:15 AM - 04:20 AM | 45.7 | 55.9 | 41.3 |
| 04:20 AM - 04:25 AM | 43.7 | 55.4 | 39.9 |
| 04:25 AM - 04:30 AM | 42.2 | 48.2 | 39.8 |
| 04:30 AM - 04:35 AM | 43.0 | 54.5 | 40.5 |
| 04:35 AM - 04:40 AM | 43.3 | 56.5 | 40.3 |
| 04:40 AM - 04:45 AM | 43.1 | 56.3 | 40.5 |
| 04:45 AM - 04:50 AM | 43.1 | 50.9 | 41.0 |
| 04:50 AM - 04:55 AM | 42.2 | 48.5 | 40.4 |
| 04:55 AM - 05:00 AM | 44.6 | 52.1 | 41.1 |
| 05:00 AM - 05:05 AM | 46.4 | 56.2 | 42.7 |
| 05:05 AM - 05:10 AM | 47.5 | 58.2 | 44.0 |
| 05:10 AM - 05:15 AM | 48.3 | 64.2 | 44.0 |
| 05:15 AM - 05:20 AM | 46.5 | 58.3 | 43.7 |
| 05:20 AM - 05:25 AM | 46.9 | 59.7 | 42.8 |
| 05:25 AM - 05:30 AM | 46.2 | 56.6 | 43.7 |
| 05:30 AM - 05:35 AM | 51.1 | 62.1 | 45.4 |
| 05:35 AM - 05:40 AM | 51.9 | 61.2 | 47.0 |
| 05:40 AM - 05:45 AM | 49.2 | 56.2 | 46.7 |
| 05:45 AM - 05:50 AM | 48.0 | 56.4 | 45.1 |
| 05:50 AM - 05:55 AM | 47.8 | 59.3 | 45.0 |
| 05:55 AM - 06:00 AM | 47.8 | 60.0 | 45.7 |
| 06:00 AM - 07:00 AM | 48.5 | 68.0 | 45.4 |
| 07:00 AM - 08:00 AM | 51.0 | 75.5 | 44.9 |
| 08:00 AM - 09:00 AM | 50.1 | 80.5 | 46.5 |
| 09:00 AM - 10:00 AM | 49.0 | 69.3 | 46.1 |
| 10:00 AM - 11:00 AM | 50.3 | 68.7 | 46.5 |
| 11:00 AM - 12:00 PM | 51.2 | 74.3 | 47.3 |
| 12:00 PM - 01:00 PM | 48.4 | 61.9 | 45.2 |
| 01:00 PM - 02:00 PM | 48.7 | 68.4 | 44.9 |

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.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673501-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-11
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 48.8 | 74.9 | 44.6 |
| 03:00 PM - 04:00 PM | 48.1 | 73.9 | 45.0 |
| 04:00 PM - 05:00 PM | 49.2 | 66.3 | 45.3 |
| 05:00 PM - 06:00 PM | 47.5 | 72.2 | 43.5 |
| 06:00 PM - 07:00 PM | 50.0 | 70.9 | 42.7 |
| 07:00 PM - 08:00 PM | 49.4 | 73.5 | 44.7 |
| 08:00 PM - 09:00 PM | 49.2 | 74.2 | 44.2 |
| 09:00 PM - 10:00 PM | 47.9 | 68.4 | 44.1 |
| 10:00 PM - 10:05 PM | 45.9 | 64.5 | 44.0 |
| 10:05 PM - 10:10 PM | 45.1 | 56.6 | 43.7 |
| 10:10 PM - 10:15 PM | 46.5 | 56.4 | 44.2 |
| 10:15 PM - 10:20 PM | 47.4 | 61.0 | 44.1 |
| 10:20 PM - 10:25 PM | 44.4 | 55.3 | 43.1 |
| 10:25 PM - 10:30 PM | 47.3 | 54.5 | 43.7 |
| 10:30 PM - 10:35 PM | 48.1 | 57.7 | 45.5 |
| 10:35 PM - 10:40 PM | 46.4 | 53.6 | 45.2 |
| 10:40 PM - 10:45 PM | 43.9 | 50.4 | 42.6 |
| 10:45 PM - 10:50 PM | 43.5 | 46.7 | 42.7 |
| 10:50 PM - 10:55 PM | 47.0 | 61.5 | 43.0 |
| 10:55 PM - 11:00 PM | 43.7 | 49.2 | 42.5 |
| 11:00 PM - 11:05 PM | 45.4 | 57.1 | 42.8 |
| 11:05 PM - 11:10 PM | 43.6 | 49.6 | 42.4 |
| 11:10 PM - 11:15 PM | 43.8 | 49.1 | 42.6 |
| 11:15 PM - 11:20 PM | 44.2 | 49.8 | 42.8 |
| 11:20 PM - 11:25 PM | 43.7 | 46.4 | 42.7 |
| 11:25 PM - 11:30 PM | 44.7 | 49.2 | 43.2 |
| 11:30 PM - 11:35 PM | 43.6 | 47.2 | 42.6 |
| 11:35 PM - 11:40 PM | 44.1 | 52.6 | 42.5 |
| 11:40 PM - 11:45 PM | 43.5 | 49.2 | 41.9 |
| 11:45 PM - 11:50 PM | 46.1 | 52.4 | 42.5 |
| 11:50 PM - 11:55 PM | 42.8 | 51.5 | 41.6 |
| 11:55 PM - 12:00 AM | 43.1 | 51.1 | 41.8 |
| 12:00 AM - 12:05 AM | 44.1 | 50.9 | 42.1 |
| 12:05 AM - 12:10 AM | 44.9 | 53.5 | 42.8 |
| 12:10 AM - 12:15 AM | 45.9 | 56.1 | 42.5 |
| 12:15 AM - 12:20 AM | 45.7 | 63.8 | 42.3 |
| 12:20 AM - 12:25 AM | 43.7 | 50.9 | 42.1 |
| 12:25 AM - 12:30 AM | 43.9 | 49.8 | 42.7 |
| 12:30 AM - 12:35 AM | 42.5 | 49.7 | 41.4 |
| 12:35 AM - 12:40 AM | 41.9 | 45.8 | 41.2 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673501-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-11
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:40 AM - 12:45 AM | 42.4 | 47.8 | 41.4 |
| 12:45 AM - 12:50 AM | 42.2 | 54.4 | 40.9 |
| 12:50 AM - 12:55 AM | 41.7 | 45.9 | 40.4 |
| 12:55 AM - 01:00 AM | 41.0 | 51.2 | 40.0 |
| 01:00 AM - 01:05 AM | 40.7 | 47.4 | 39.7 |
| 01:05 AM - 01:10 AM | 43.2 | 51.1 | 40.4 |
| 01:10 AM - 01:15 AM | 49.5 | 65.2 | 39.6 |
| 01:15 AM - 01:20 AM | 41.5 | 58.1 | 39.8 |
| 01:20 AM - 01:25 AM | 40.4 | 46.3 | 39.8 |
| 01:25 AM - 01:30 AM | 40.9 | 46.1 | 40.1 |
| 01:30 AM - 01:35 AM | 41.1 | 46.0 | 39.9 |
| 01:35 AM - 01:40 AM | 41.9 | 46.0 | 40.6 |
| 01:40 AM - 01:45 AM | 42.9 | 49.1 | 42.0 |
| 01:45 AM - 01:50 AM | 42.9 | 49.1 | 41.8 |
| 01:50 AM - 01:55 AM | 42.2 | 48.3 | 40.8 |
| 01:55 AM - 02:00 AM | 41.8 | 48.0 | 40.8 |
| 02:00 AM - 02:05 AM | 42.3 | 51.1 | 40.4 |
| 02:05 AM - 02:10 AM | 44.8 | 54.6 | 41.3 |
| 02:10 AM - 02:15 AM | 43.3 | 54.5 | 41.0 |
| 02:15 AM - 02:20 AM | 41.8 | 55.6 | 39.9 |
| 02:20 AM - 02:25 AM | 41.7 | 47.6 | 40.1 |
| 02:25 AM - 02:30 AM | 41.2 | 47.6 | 39.5 |
| 02:30 AM - 02:35 AM | 41.1 | 49.3 | 39.5 |
| 02:35 AM - 02:40 AM | 40.7 | 53.2 | 39.2 |
| 02:40 AM - 02:45 AM | 43.8 | 53.7 | 40.5 |
| 02:45 AM - 02:50 AM | 41.7 | 55.8 | 39.3 |
| 02:50 AM - 02:55 AM | 39.2 | 49.3 | 38.4 |
| 02:55 AM - 03:00 AM | 42.0 | 49.3 | 38.3 |
| 03:00 AM - 03:05 AM | 41.5 | 49.3 | 38.8 |
| 03:05 AM - 03:10 AM | 39.9 | 48.9 | 38.8 |
| 03:10 AM - 03:15 AM | 43.3 | 56.9 | 38.7 |
| 03:15 AM - 03:20 AM | 41.6 | 53.5 | 39.5 |
| 03:20 AM - 03:25 AM | 41.5 | 47.4 | 39.8 |
| 03:25 AM - 03:30 AM | 40.5 | 46.8 | 39.5 |
| 03:30 AM - 03:35 AM | 42.5 | 52.8 | 39.7 |
| 03:35 AM - 03:40 AM | 42.4 | 53.8 | 39.9 |
| 03:40 AM - 03:45 AM | 42.0 | 48.3 | 39.9 |
| 03:45 AM - 03:50 AM | 41.5 | 46.0 | 39.5 |
| 03:50 AM - 03:55 AM | 42.0 | 48.0 | 38.6 |
| 03:55 AM - 04:00 AM | 42.7 | 57.4 | 37.9 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673501-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-11
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 04:00 AM - 04:05 AM | 40.1 | 47.2 | 38.1 |
| 04:05 AM - 04:10 AM | 39.8 | 44.6 | 37.9 |
| 04:10 AM - 04:15 AM | 40.7 | 47.4 | 38.4 |
| 04:15 AM - 04:20 AM | 41.4 | 50.3 | 39.4 |
| 04:20 AM - 04:25 AM | 39.9 | 45.5 | 37.9 |
| 04:25 AM - 04:30 AM | 38.9 | 46.8 | 36.4 |
| 04:30 AM - 04:35 AM | 42.5 | 52.4 | 37.9 |
| 04:35 AM - 04:40 AM | 42.0 | 52.8 | 37.2 |
| 04:40 AM - 04:45 AM | 46.5 | 60.2 | 38.7 |
| 04:45 AM - 04:50 AM | 41.8 | 52.7 | 37.7 |
| 04:50 AM - 04:55 AM | 41.6 | 52.7 | 38.2 |
| 04:55 AM - 05:00 AM | 41.7 | 53.8 | 36.6 |
| 05:00 AM - 05:05 AM | 40.8 | 54.8 | 38.2 |
| 05:05 AM - 05:10 AM | 43.7 | 56.0 | 38.0 |
| 05:10 AM - 05:15 AM | 44.2 | 56.9 | 40.1 |
| 05:15 AM - 05:20 AM | 43.6 | 53.3 | 40.0 |
| 05:20 AM - 05:25 AM | 51.5 | 68.2 | 46.0 |
| 05:25 AM - 05:30 AM | 50.1 | 57.1 | 46.4 |
| 05:30 AM - 05:35 AM | 52.0 | 58.7 | 44.2 |
| 05:35 AM - 05:40 AM | 47.3 | 61.9 | 41.5 |
| 05:40 AM - 05:45 AM | 48.5 | 62.4 | 42.2 |
| 05:45 AM - 05:50 AM | 47.5 | 60.7 | 41.8 |
| 05:50 AM - 05:55 AM | 47.0 | 60.6 | 43.3 |
| 05:55 AM - 06:00 AM | 47.6 | 57.7 | 44.1 |
| 06:00 AM - 07:00 AM | 49.8 | 71.7 | 44.8 |
| 07:00 AM - 08:00 AM | 48.1 | 69.2 | 44.3 |
| 08:00 AM - 09:00 AM | 52.8 | 83.5 | 44.7 |
| 09:00 AM - 10:00 AM | 47.5 | 73.4 | 44.7 |
| 10:00 AM - 11:00 AM | 48.0 | 64.8 | 45.8 |
| 11:00 AM - 12:00 PM | 49.8 | 67.6 | 45.5 |
| 12:00 PM - 01:00 PM | 47.9 | 69.7 | 45.2 |
| 01:00 PM - 02:00 PM | 47.7 | 72.1 | 45.0 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673502-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-12
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 46.8 | 63.5 | 44.0 |
| 03:00 PM - 04:00 PM | 47.3 | 63.0 | 43.3 |
| 04:00 PM - 05:00 PM | 46.2 | 66.8 | 42.2 |
| 05:00 PM - 06:00 PM | 45.9 | 63.7 | 42.2 |
| 06:00 PM - 07:00 PM | 49.4 | 72.6 | 42.6 |
| 07:00 PM - 08:00 PM | 49.5 | 75.8 | 44.2 |
| 08:00 PM - 09:00 PM | 45.7 | 64.6 | 42.7 |
| 09:00 PM - 10:00 PM | 45.9 | 70.2 | 42.5 |
| 10:00 PM - 10:05 PM | 42.9 | 46.6 | 41.5 |
| 10:05 PM - 10:10 PM | 43.8 | 46.8 | 42.9 |
| 10:10 PM - 10:15 PM | 43.4 | 47.6 | 42.4 |
| 10:15 PM - 10:20 PM | 43.3 | 47.1 | 42.2 |
| 10:20 PM - 10:25 PM | 43.4 | 50.1 | 42.1 |
| 10:25 PM - 10:30 PM | 42.8 | 48.4 | 41.2 |
| 10:30 PM - 10:35 PM | 42.2 | 46.7 | 41.4 |
| 10:35 PM - 10:40 PM | 42.7 | 49.7 | 41.7 |
| 10:40 PM - 10:45 PM | 42.7 | 46.7 | 41.8 |
| 10:45 PM - 10:50 PM | 41.9 | 44.7 | 40.9 |
| 10:50 PM - 10:55 PM | 42.0 | 49.1 | 40.6 |
| 10:55 PM - 11:00 PM | 41.9 | 47.3 | 40.5 |
| 11:00 PM - 11:05 PM | 43.2 | 48.1 | 41.9 |
| 11:05 PM - 11:10 PM | 43.0 | 53.5 | 41.2 |
| 11:10 PM - 11:15 PM | 42.3 | 45.4 | 41.4 |
| 11:15 PM - 11:20 PM | 42.2 | 45.0 | 41.0 |
| 11:20 PM - 11:25 PM | 42.9 | 48.2 | 41.6 |
| 11:25 PM - 11:30 PM | 43.2 | 50.1 | 42.1 |
| 11:30 PM - 11:35 PM | 43.2 | 51.3 | 41.7 |
| 11:35 PM - 11:40 PM | 42.4 | 45.8 | 41.5 |
| 11:40 PM - 11:45 PM | 43.1 | 45.6 | 42.1 |
| 11:45 PM - 11:50 PM | 43.5 | 46.7 | 42.6 |
| 11:50 PM - 11:55 PM | 43.4 | 47.2 | 42.5 |
| 11:55 PM - 12:00 AM | 43.4 | 45.8 | 42.4 |
| 12:00 AM - 12:05 AM | 42.5 | 45.7 | 41.0 |
| 12:05 AM - 12:10 AM | 42.1 | 47.8 | 40.1 |
| 12:10 AM - 12:15 AM | 43.7 | 60.3 | 40.2 |
| 12:15 AM - 12:20 AM | 40.8 | 52.3 | 39.4 |
| 12:20 AM - 12:25 AM | 41.4 | 46.9 | 39.6 |
| 12:25 AM - 12:30 AM | 40.2 | 50.0 | 39.3 |
| 12:30 AM - 12:35 AM | 40.5 | 49.2 | 39.1 |
| 12:35 AM - 12:40 AM | 40.5 | 49.4 | 39.6 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673502-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-12
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:40 AM - 12:45 AM | 40.1 | 47.3 | 39.3 |
| 12:45 AM - 12:50 AM | 42.7 | 52.6 | 39.6 |
| 12:50 AM - 12:55 AM | 49.2 | 66.8 | 39.7 |
| 12:55 AM - 01:00 AM | 41.0 | 53.7 | 39.7 |
| 01:00 AM - 01:05 AM | 39.9 | 42.5 | 39.3 |
| 01:05 AM - 01:10 AM | 41.0 | 44.8 | 39.8 |
| 01:10 AM - 01:15 AM | 43.3 | 47.9 | 42.2 |
| 01:15 AM - 01:20 AM | 42.4 | 45.1 | 41.7 |
| 01:20 AM - 01:25 AM | 41.4 | 44.0 | 40.1 |
| 01:25 AM - 01:30 AM | 42.2 | 45.2 | 41.5 |
| 01:30 AM - 01:35 AM | 42.6 | 50.8 | 41.3 |
| 01:35 AM - 01:40 AM | 42.3 | 44.8 | 41.1 |
| 01:40 AM - 01:45 AM | 41.9 | 45.5 | 40.0 |
| 01:45 AM - 01:50 AM | 42.0 | 48.7 | 40.8 |
| 01:50 AM - 01:55 AM | 41.8 | 46.7 | 40.7 |
| 01:55 AM - 02:00 AM | 43.7 | 59.5 | 41.0 |
| 02:00 AM - 02:05 AM | 40.4 | 45.9 | 38.4 |
| 02:05 AM - 02:10 AM | 40.1 | 45.1 | 38.5 |
| 02:10 AM - 02:15 AM | 40.0 | 44.9 | 38.8 |
| 02:15 AM - 02:20 AM | 40.0 | 48.8 | 38.1 |
| 02:20 AM - 02:25 AM | 40.5 | 58.9 | 37.4 |
| 02:25 AM - 02:30 AM | 40.1 | 49.6 | 37.3 |
| 02:30 AM - 02:35 AM | 40.0 | 50.2 | 37.7 |
| 02:35 AM - 02:40 AM | 40.1 | 54.0 | 37.8 |
| 02:40 AM - 02:45 AM | 40.1 | 52.6 | 37.5 |
| 02:45 AM - 02:50 AM | 38.7 | 42.5 | 37.2 |
| 02:50 AM - 02:55 AM | 39.4 | 50.7 | 36.8 |
| 02:55 AM - 03:00 AM | 40.5 | 46.8 | 38.1 |
| 03:00 AM - 03:05 AM | 40.3 | 45.1 | 38.8 |
| 03:05 AM - 03:10 AM | 39.0 | 44.4 | 37.6 |
| 03:10 AM - 03:15 AM | 43.5 | 60.6 | 39.0 |
| 03:15 AM - 03:20 AM | 40.0 | 45.0 | 38.2 |
| 03:20 AM - 03:25 AM | 40.2 | 45.8 | 38.8 |
| 03:25 AM - 03:30 AM | 42.1 | 47.1 | 39.4 |
| 03:30 AM - 03:35 AM | 39.7 | 48.5 | 37.3 |
| 03:35 AM - 03:40 AM | 40.6 | 55.6 | 37.1 |
| 03:40 AM - 03:45 AM | 38.0 | 46.0 | 36.1 |
| 03:45 AM - 03:50 AM | 40.3 | 47.5 | 38.1 |
| 03:50 AM - 03:55 AM | 39.7 | 51.5 | 36.9 |
| 03:55 AM - 04:00 AM | 39.6 | 45.8 | 37.4 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673502-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-12
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 04:00 AM - 04:05 AM | 42.8 | 64.5 | 36.6 |
| 04:05 AM - 04:10 AM | 44.7 | 63.3 | 36.9 |
| 04:10 AM - 04:15 AM | 38.9 | 47.8 | 36.7 |
| 04:15 AM - 04:20 AM | 43.8 | 69.7 | 38.1 |
| 04:20 AM - 04:25 AM | 51.2 | 69.3 | 46.1 |
| 04:25 AM - 04:30 AM | 57.7 | 84.9 | 45.8 |
| 04:30 AM - 04:35 AM | 50.4 | 64.1 | 45.4 |
| 04:35 AM - 04:40 AM | 46.7 | 64.7 | 43.1 |
| 04:40 AM - 04:45 AM | 42.7 | 52.9 | 40.0 |
| 04:45 AM - 04:50 AM | 47.1 | 62.0 | 40.7 |
| 04:50 AM - 04:55 AM | 64.5 | 73.4 | 57.4 |
| 04:55 AM - 05:00 AM | 64.9 | 86.3 | 49.8 |
| 05:00 AM - 05:05 AM | 63.7 | 79.4 | 61.2 |
| 05:05 AM - 05:10 AM | 62.2 | 83.5 | 56.4 |
| 05:10 AM - 05:15 AM | 55.9 | 70.3 | 50.6 |
| 05:15 AM - 05:20 AM | 54.3 | 66.0 | 51.3 |
| 05:20 AM - 05:25 AM | 55.1 | 75.4 | 49.0 |
| 05:25 AM - 05:30 AM | 52.6 | 64.5 | 49.5 |
| 05:30 AM - 05:35 AM | 52.4 | 64.8 | 48.2 |
| 05:35 AM - 05:40 AM | 50.6 | 67.7 | 46.1 |
| 05:40 AM - 05:45 AM | 50.6 | 66.3 | 47.6 |
| 05:45 AM - 05:50 AM | 54.2 | 69.4 | 47.9 |
| 05:50 AM - 05:55 AM | 51.1 | 66.4 | 45.7 |
| 05:55 AM - 06:00 AM | 47.1 | 53.6 | 43.9 |
| 06:00 AM - 07:00 AM | 55.6 | 77.8 | 44.7 |
| 07:00 AM - 08:00 AM | 62.3 | 85.9 | 43.8 |
| 08:00 AM - 09:00 AM | 47.7 | 60.2 | 45.2 |
| 09:00 AM - 10:00 AM | 58.4 | 90.6 | 44.3 |
| 10:00 AM - 11:00 AM | 48.4 | 68.9 | 43.6 |
| 11:00 AM - 12:00 PM | 48.2 | 67.3 | 40.7 |
| 12:00 PM - 01:00 PM | 47.6 | 70.1 | 41.4 |
| 01:00 PM - 02:00 PM | 49.0 | 73.2 | 41.8 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673503-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-13
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 49.4 | 65.3 | 42.5 |
| 03:00 PM - 04:00 PM | 48.9 | 68.8 | 42.0 |
| 04:00 PM - 05:00 PM | 47.5 | 68.8 | 39.9 |
| 05:00 PM - 06:00 PM | 48.0 | 66.4 | 40.1 |
| 06:00 PM - 07:00 PM | 46.6 | 72.0 | 40.9 |
| 07:00 PM - 08:00 PM | 48.0 | 75.4 | 43.0 |
| 08:00 PM - 09:00 PM | 45.6 | 67.1 | 42.5 |
| 09:00 PM - 10:00 PM | 46.6 | 63.9 | 41.4 |
| 10:00 PM - 10:05 PM | 46.1 | 57.6 | 42.1 |
| 10:05 PM - 10:10 PM | 47.7 | 59.1 | 41.7 |
| 10:10 PM - 10:15 PM | 46.2 | 57.6 | 41.9 |
| 10:15 PM - 10:20 PM | 51.2 | 62.1 | 42.7 |
| 10:20 PM - 10:25 PM | 50.7 | 61.4 | 42.8 |
| 10:25 PM - 10:30 PM | 50.0 | 60.4 | 43.1 |
| 10:30 PM - 10:35 PM | 51.8 | 60.9 | 44.3 |
| 10:35 PM - 10:40 PM | 52.0 | 61.7 | 42.3 |
| 10:40 PM - 10:45 PM | 51.1 | 62.4 | 42.0 |
| 10:45 PM - 10:50 PM | 51.4 | 61.4 | 42.0 |
| 10:50 PM - 10:55 PM | 54.3 | 62.3 | 43.6 |
| 10:55 PM - 11:00 PM | 54.2 | 64.1 | 43.3 |
| 11:00 PM - 11:05 PM | 56.0 | 64.3 | 42.0 |
| 11:05 PM - 11:10 PM | 56.3 | 64.3 | 42.8 |
| 11:10 PM - 11:15 PM | 52.9 | 63.4 | 41.3 |
| 11:15 PM - 11:20 PM | 54.1 | 64.4 | 41.7 |
| 11:20 PM - 11:25 PM | 50.3 | 62.0 | 41.9 |
| 11:25 PM - 11:30 PM | 52.5 | 64.1 | 41.4 |
| 11:30 PM - 11:35 PM | 52.1 | 64.6 | 40.7 |
| 11:35 PM - 11:40 PM | 52.5 | 63.6 | 43.5 |
| 11:40 PM - 11:45 PM | 53.0 | 61.9 | 44.1 |
| 11:45 PM - 11:50 PM | 58.1 | 65.3 | 45.2 |
| 11:50 PM - 11:55 PM | 60.4 | 66.0 | 52.9 |
| 11:55 PM - 12:00 AM | 59.9 | 64.9 | 51.9 |
| 12:00 AM - 12:05 AM | 59.6 | 66.9 | 50.2 |
| 12:05 AM - 12:10 AM | 57.6 | 65.3 | 46.0 |
| 12:10 AM - 12:15 AM | 59.4 | 65.4 | 51.6 |
| 12:15 AM - 12:20 AM | 59.7 | 65.3 | 43.0 |
| 12:20 AM - 12:25 AM | 62.7 | 66.6 | 59.6 |
| 12:25 AM - 12:30 AM | 60.8 | 66.6 | 53.4 |
| 12:30 AM - 12:35 AM | 60.6 | 66.1 | 56.1 |
| 12:35 AM - 12:40 AM | 62.2 | 65.5 | 60.2 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673503-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-13
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:40 AM - 12:45 AM | 61.0 | 65.5 | 50.6 |
| 12:45 AM - 12:50 AM | 62.4 | 66.3 | 59.8 |
| 12:50 AM - 12:55 AM | 62.0 | 66.0 | 58.9 |
| 12:55 AM - 01:00 AM | 61.9 | 65.5 | 59.1 |
| 01:00 AM - 01:05 AM | 60.3 | 65.7 | 51.5 |
| 01:05 AM - 01:10 AM | 62.1 | 66.2 | 60.0 |
| 01:10 AM - 01:15 AM | 59.3 | 64.5 | 51.8 |
| 01:15 AM - 01:20 AM | 60.2 | 64.7 | 54.9 |
| 01:20 AM - 01:25 AM | 60.8 | 65.5 | 50.2 |
| 01:25 AM - 01:30 AM | 60.3 | 66.1 | 47.3 |
| 01:30 AM - 01:35 AM | 63.9 | 67.4 | 61.6 |
| 01:35 AM - 01:40 AM | 62.4 | 67.3 | 47.4 |
| 01:40 AM - 01:45 AM | 62.3 | 66.8 | 57.3 |
| 01:45 AM - 01:50 AM | 62.5 | 67.2 | 49.1 |
| 01:50 AM - 01:55 AM | 62.7 | 67.1 | 56.9 |
| 01:55 AM - 02:00 AM | 62.9 | 67.0 | 57.4 |
| 02:00 AM - 02:05 AM | 64.0 | 67.4 | 61.3 |
| 02:05 AM - 02:10 AM | 64.1 | 67.5 | 61.6 |
| 02:10 AM - 02:15 AM | 62.7 | 67.4 | 60.0 |
| 02:15 AM - 02:20 AM | 63.1 | 66.4 | 61.1 |
| 02:20 AM - 02:25 AM | 60.0 | 65.8 | 57.7 |
| 02:25 AM - 02:30 AM | 59.2 | 63.2 | 56.9 |
| 02:30 AM - 02:35 AM | 59.6 | 63.8 | 57.3 |
| 02:35 AM - 02:40 AM | 54.8 | 62.0 | 40.1 |
| 02:40 AM - 02:45 AM | 55.2 | 61.6 | 44.3 |
| 02:45 AM - 02:50 AM | 58.0 | 63.0 | 52.6 |
| 02:50 AM - 02:55 AM | 59.7 | 64.2 | 54.9 |
| 02:55 AM - 03:00 AM | 60.0 | 64.4 | 55.7 |
| 03:00 AM - 03:05 AM | 59.1 | 63.8 | 47.4 |
| 03:05 AM - 03:10 AM | 60.0 | 63.7 | 57.9 |
| 03:10 AM - 03:15 AM | 59.1 | 62.9 | 50.9 |
| 03:15 AM - 03:20 AM | 60.2 | 64.6 | 57.2 |
| 03:20 AM - 03:25 AM | 59.1 | 64.6 | 48.1 |
| 03:25 AM - 03:30 AM | 60.0 | 63.6 | 56.1 |
| 03:30 AM - 03:35 AM | 59.5 | 63.2 | 51.6 |
| 03:35 AM - 03:40 AM | 58.9 | 63.3 | 48.6 |
| 03:40 AM - 03:45 AM | 60.6 | 63.7 | 57.9 |
| 03:45 AM - 03:50 AM | 60.7 | 64.2 | 58.6 |
| 03:50 AM - 03:55 AM | 60.2 | 63.9 | 58.1 |
| 03:55 AM - 04:00 AM | 59.7 | 62.8 | 57.6 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673503-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-13
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 04:00 AM - 04:05 AM | 58.0 | 63.3 | 49.6 |
| 04:05 AM - 04:10 AM | 57.8 | 62.7 | 50.7 |
| 04:10 AM - 04:15 AM | 57.8 | 62.4 | 45.9 |
| 04:15 AM - 04:20 AM | 55.8 | 61.4 | 43.3 |
| 04:20 AM - 04:25 AM | 56.8 | 61.6 | 50.2 |
| 04:25 AM - 04:30 AM | 56.3 | 61.5 | 50.0 |
| 04:30 AM - 04:35 AM | 55.9 | 60.6 | 47.9 |
| 04:35 AM - 04:40 AM | 54.1 | 60.7 | 40.1 |
| 04:40 AM - 04:45 AM | 51.6 | 59.8 | 38.7 |
| 04:45 AM - 04:50 AM | 43.6 | 56.1 | 36.4 |
| 04:50 AM - 04:55 AM | 43.9 | 54.0 | 36.2 |
| 04:55 AM - 05:00 AM | 43.2 | 56.8 | 37.1 |
| 05:00 AM - 05:05 AM | 40.6 | 46.6 | 37.9 |
| 05:05 AM - 05:10 AM | 42.6 | 54.9 | 39.3 |
| 05:10 AM - 05:15 AM | 44.3 | 60.8 | 40.1 |
| 05:15 AM - 05:20 AM | 48.9 | 60.0 | 40.2 |
| 05:20 AM - 05:25 AM | 49.3 | 60.4 | 41.4 |
| 05:25 AM - 05:30 AM | 51.3 | 64.2 | 46.7 |
| 05:30 AM - 05:35 AM | 52.3 | 61.1 | 47.1 |
| 05:35 AM - 05:40 AM | 49.4 | 63.0 | 42.6 |
| 05:40 AM - 05:45 AM | 48.0 | 64.6 | 42.8 |
| 05:45 AM - 05:50 AM | 50.5 | 65.1 | 43.1 |
| 05:50 AM - 05:55 AM | 48.5 | 64.8 | 44.1 |
| 05:55 AM - 06:00 AM | 47.0 | 55.7 | 44.1 |
| 06:00 AM - 07:00 AM | 48.1 | 68.8 | 43.4 |
| 07:00 AM - 08:00 AM | 51.2 | 74.1 | 44.5 |
| 08:00 AM - 09:00 AM | 49.8 | 70.6 | 43.3 |
| 09:00 AM - 10:00 AM | 49.0 | 69.8 | 43.2 |
| 10:00 AM - 11:00 AM | 46.5 | 65.1 | 43.3 |
| 11:00 AM - 12:00 PM | 47.4 | 62.5 | 44.3 |
| 12:00 PM - 01:00 PM | 47.6 | 69.0 | 43.7 |
| 01:00 PM - 02:00 PM | 48.8 | 66.0 | 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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673504-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-14
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 02:00 PM - 03:00 PM | 53.2 | 76.6 | 48.1 |
| 03:00 PM - 04:00 PM | 53.7 | 75.8 | 48.1 |
| 04:00 PM - 05:00 PM | 53.6 | 86.0 | 45.7 |
| 05:00 PM - 06:00 PM | 49.4 | 71.4 | 44.4 |
| 06:00 PM - 07:00 PM | 47.9 | 67.0 | 44.4 |
| 07:00 PM - 08:00 PM | 48.5 | 69.5 | 44.8 |
| 08:00 PM - 09:00 PM | 47.2 | 64.5 | 44.8 |
| 09:00 PM - 10:00 PM | 47.0 | 66.2 | 44.0 |
| 10:00 PM - 10:05 PM | 45.9 | 59.4 | 44.0 |
| 10:05 PM - 10:10 PM | 45.4 | 57.2 | 43.8 |
| 10:10 PM - 10:15 PM | 55.1 | 73.0 | 42.8 |
| 10:15 PM - 10:20 PM | 49.5 | 71.7 | 43.9 |
| 10:20 PM - 10:25 PM | 46.5 | 58.8 | 43.6 |
| 10:25 PM - 10:30 PM | 45.9 | 56.3 | 43.3 |
| 10:30 PM - 10:35 PM | 45.0 | 53.7 | 43.2 |
| 10:35 PM - 10:40 PM | 45.7 | 55.0 | 43.3 |
| 10:40 PM - 10:45 PM | 47.1 | 57.5 | 43.5 |
| 10:45 PM - 10:50 PM | 46.4 | 55.8 | 43.4 |
| 10:50 PM - 10:55 PM | 45.8 | 54.2 | 43.4 |
| 10:55 PM - 11:00 PM | 45.7 | 55.4 | 43.1 |
| 11:00 PM - 11:05 PM | 47.0 | 57.6 | 43.6 |
| 11:05 PM - 11:10 PM | 45.0 | 52.8 | 43.3 |
| 11:10 PM - 11:15 PM | 48.0 | 60.0 | 44.6 |
| 11:15 PM - 11:20 PM | 51.5 | 62.4 | 43.5 |
| 11:20 PM - 11:25 PM | 46.0 | 54.5 | 42.4 |
| 11:25 PM - 11:30 PM | 46.6 | 56.6 | 42.0 |
| 11:30 PM - 11:35 PM | 44.4 | 55.2 | 41.6 |
| 11:35 PM - 11:40 PM | 43.4 | 51.7 | 41.5 |
| 11:40 PM - 11:45 PM | 44.5 | 49.8 | 41.8 |
| 11:45 PM - 11:50 PM | 43.9 | 53.1 | 42.2 |
| 11:50 PM - 11:55 PM | 47.5 | 57.3 | 42.9 |
| 11:55 PM - 12:00 AM | 44.6 | 56.2 | 42.2 |
| 12:00 AM - 12:05 AM | 47.4 | 59.7 | 43.0 |
| 12:05 AM - 12:10 AM | 44.0 | 57.5 | 41.1 |
| 12:10 AM - 12:15 AM | 43.1 | 53.5 | 41.4 |
| 12:15 AM - 12:20 AM | 43.0 | 52.4 | 41.1 |
| 12:20 AM - 12:25 AM | 46.5 | 59.6 | 41.3 |
| 12:25 AM - 12:30 AM | 43.4 | 58.7 | 41.1 |
| 12:30 AM - 12:35 AM | 42.5 | 51.8 | 41.1 |
| 12:35 AM - 12:40 AM | 44.4 | 59.7 | 40.8 |

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

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673504-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-14
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:40 AM - 12:45 AM | 43.2 | 56.8 | 41.1 |
| 12:45 AM - 12:50 AM | 47.2 | 59.2 | 40.6 |
| 12:50 AM - 12:55 AM | 44.7 | 58.5 | 40.4 |
| 12:55 AM - 01:00 AM | 42.2 | 47.6 | 40.6 |
| 01:00 AM - 01:05 AM | 43.1 | 58.6 | 39.1 |
| 01:05 AM - 01:10 AM | 48.7 | 62.0 | 41.0 |
| 01:10 AM - 01:15 AM | 42.1 | 49.8 | 40.0 |
| 01:15 AM - 01:20 AM | 44.5 | 56.3 | 41.1 |
| 01:20 AM - 01:25 AM | 49.5 | 74.0 | 40.4 |
| 01:25 AM - 01:30 AM | 42.7 | 51.7 | 40.0 |
| 01:30 AM - 01:35 AM | 42.1 | 52.6 | 38.9 |
| 01:35 AM - 01:40 AM | 52.4 | 62.9 | 43.1 |
| 01:40 AM - 01:45 AM | 55.9 | 66.5 | 52.0 |
| 01:45 AM - 01:50 AM | 52.2 | 58.6 | 50.1 |
| 01:50 AM - 01:55 AM | 55.0 | 63.2 | 51.2 |
| 01:55 AM - 02:00 AM | 57.0 | 64.0 | 54.6 |
| 02:00 AM - 02:05 AM | 58.9 | 65.4 | 52.9 |
| 02:05 AM - 02:10 AM | 57.5 | 66.1 | 44.7 |
| 02:10 AM - 02:15 AM | 55.4 | 66.3 | 44.6 |
| 02:15 AM - 02:20 AM | 55.7 | 65.4 | 46.5 |
| 02:20 AM - 02:25 AM | 54.4 | 62.7 | 44.5 |
| 02:25 AM - 02:30 AM | 57.3 | 64.9 | 46.0 |
| 02:30 AM - 02:35 AM | 56.4 | 65.1 | 43.8 |
| 02:35 AM - 02:40 AM | 54.8 | 64.5 | 48.4 |
| 02:40 AM - 02:45 AM | 54.2 | 64.5 | 44.5 |
| 02:45 AM - 02:50 AM | 54.8 | 65.9 | 42.4 |
| 02:50 AM - 02:55 AM | 54.1 | 65.8 | 44.3 |
| 02:55 AM - 03:00 AM | 53.4 | 64.6 | 42.9 |
| 03:00 AM - 03:05 AM | 50.2 | 62.8 | 40.0 |
| 03:05 AM - 03:10 AM | 51.8 | 62.0 | 40.5 |
| 03:10 AM - 03:15 AM | 48.8 | 60.6 | 39.7 |
| 03:15 AM - 03:20 AM | 51.8 | 61.8 | 40.7 |
| 03:20 AM - 03:25 AM | 50.2 | 61.7 | 41.1 |
| 03:25 AM - 03:30 AM | 50.3 | 60.4 | 41.8 |
| 03:30 AM - 03:35 AM | 50.9 | 60.1 | 42.4 |
| 03:35 AM - 03:40 AM | 50.5 | 59.0 | 40.0 |
| 03:40 AM - 03:45 AM | 50.0 | 60.5 | 39.2 |
| 03:45 AM - 03:50 AM | 52.1 | 59.8 | 39.8 |
| 03:50 AM - 03:55 AM | 50.7 | 60.5 | 39.9 |
| 03:55 AM - 04:00 AM | 50.2 | 60.0 | 39.7 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673504-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-14
Parameter Noise
Location บริเวณที่พักอาศัยด้านทิศตะวันตก (N2) (GPS 47P 0731326, 1447441) (Shut down)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00873057

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 04:00 AM - 04:05 AM | 50.4 | 60.0 | 39.8 |
| 04:05 AM - 04:10 AM | 51.3 | 59.7 | 40.0 |
| 04:10 AM - 04:15 AM | 49.3 | 59.6 | 40.4 |
| 04:15 AM - 04:20 AM | 50.4 | 59.2 | 41.4 |
| 04:20 AM - 04:25 AM | 49.2 | 58.9 | 40.7 |
| 04:25 AM - 04:30 AM | 49.0 | 58.8 | 41.6 |
| 04:30 AM - 04:35 AM | 44.9 | 56.2 | 41.6 |
| 04:35 AM - 04:40 AM | 46.2 | 55.4 | 42.7 |
| 04:40 AM - 04:45 AM | 48.8 | 59.7 | 44.7 |
| 04:45 AM - 04:50 AM | 45.8 | 56.8 | 43.0 |
| 04:50 AM - 04:55 AM | 43.5 | 54.0 | 40.1 |
| 04:55 AM - 05:00 AM | 42.0 | 53.6 | 40.1 |
| 05:00 AM - 05:05 AM | 41.9 | 54.2 | 39.2 |
| 05:05 AM - 05:10 AM | 45.5 | 55.8 | 41.6 |
| 05:10 AM - 05:15 AM | 45.5 | 51.9 | 43.1 |
| 05:15 AM - 05:20 AM | 49.0 | 61.7 | 45.3 |
| 05:20 AM - 05:25 AM | 53.0 | 61.5 | 47.2 |
| 05:25 AM - 05:30 AM | 52.0 | 60.5 | 45.5 |
| 05:30 AM - 05:35 AM | 53.1 | 60.1 | 47.1 |
| 05:35 AM - 05:40 AM | 49.1 | 58.9 | 47.0 |
| 05:40 AM - 05:45 AM | 48.8 | 56.8 | 46.1 |
| 05:45 AM - 05:50 AM | 46.9 | 55.3 | 44.6 |
| 05:50 AM - 05:55 AM | 45.8 | 52.4 | 43.4 |
| 05:55 AM - 06:00 AM | 48.0 | 61.7 | 44.9 |
| 06:00 AM - 07:00 AM | 58.5 | 88.9 | 44.3 |
| 07:00 AM - 08:00 AM | 55.1 | 75.7 | 45.4 |
| 08:00 AM - 09:00 AM | 50.8 | 70.2 | 44.8 |
| 09:00 AM - 10:00 AM | 53.4 | 78.9 | 44.4 |
| 10:00 AM - 11:00 AM | 50.7 | 71.2 | 45.1 |
| 11:00 AM - 12:00 PM | 52.1 | 74.1 | 45.5 |
| 12:00 PM - 01:00 PM | 53.1 | 83.1 | 42.7 |
| 01:00 PM - 02:00 PM | 50.1 | 69.0 | 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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673505-1

P/O :

Project Name : Khao Khan Song

Project Location :

Page 1 of 3

Sample No. 2351989-15
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 46.6 | 69.3 | 35.3 |
| 01:00 PM - 02:00 PM | 58.8 | 92.3 | 46.6 |
| 02:00 PM - 03:00 PM | 48.7 | 69.7 | 40.5 |
| 03:00 PM - 04:00 PM | 46.1 | 78.0 | 37.1 |
| 04:00 PM - 05:00 PM | 43.8 | 66.6 | 35.8 |
| 05:00 PM - 06:00 PM | 46.9 | 69.1 | 37.4 |
| 06:00 PM - 07:00 PM | 50.2 | 83.8 | 40.0 |
| 07:00 PM - 08:00 PM | 48.7 | 75.1 | 40.7 |
| 08:00 PM - 09:00 PM | 48.2 | 65.8 | 45.7 |
| 09:00 PM - 10:00 PM | 48.0 | 71.3 | 45.6 |
| 10:00 PM - 10:05 PM | 48.3 | 52.3 | 45.3 |
| 10:05 PM - 10:10 PM | 47.5 | 51.6 | 45.2 |
| 10:10 PM - 10:15 PM | 48.1 | 52.4 | 45.7 |
| 10:15 PM - 10:20 PM | 48.7 | 52.5 | 45.5 |
| 10:20 PM - 10:25 PM | 49.2 | 52.8 | 45.9 |
| 10:25 PM - 10:30 PM | 48.5 | 52.5 | 45.1 |
| 10:30 PM - 10:35 PM | 47.7 | 52.0 | 45.1 |
| 10:35 PM - 10:40 PM | 48.2 | 52.0 | 45.5 |
| 10:40 PM - 10:45 PM | 49.2 | 53.5 | 45.5 |
| 10:45 PM - 10:50 PM | 49.7 | 53.1 | 46.5 |
| 10:50 PM - 10:55 PM | 48.7 | 52.8 | 45.5 |
| 10:55 PM - 11:00 PM | 48.8 | 52.8 | 45.8 |
| 11:00 PM - 11:05 PM | 51.9 | 70.0 | 45.3 |
| 11:05 PM - 11:10 PM | 48.9 | 53.1 | 45.2 |
| 11:10 PM - 11:15 PM | 49.4 | 53.7 | 45.6 |
| 11:15 PM - 11:20 PM | 50.2 | 53.4 | 47.0 |
| 11:20 PM - 11:25 PM | 50.3 | 54.0 | 47.4 |
| 11:25 PM - 11:30 PM | 49.7 | 53.9 | 46.0 |
| 11:30 PM - 11:35 PM | 49.4 | 52.8 | 46.5 |
| 11:35 PM - 11:40 PM | 49.1 | 52.8 | 45.4 |
| 11:40 PM - 11:45 PM | 49.1 | 53.4 | 45.4 |
| 11:45 PM - 11:50 PM | 51.2 | 54.4 | 47.8 |
| 11:50 PM - 11:55 PM | 48.7 | 53.1 | 44.0 |
| 11:55 PM - 12:00 AM | 46.6 | 50.1 | 44.2 |
| 12:00 AM - 12:05 AM | 44.6 | 48.3 | 43.6 |
| 12:05 AM - 12:10 AM | 44.0 | 46.9 | 42.9 |
| 12:10 AM - 12:15 AM | 44.3 | 47.3 | 43.0 |
| 12:15 AM - 12:20 AM | 44.5 | 50.2 | 43.2 |
| 12:20 AM - 12:25 AM | 42.9 | 45.3 | 42.4 |
| 12:25 AM - 12:30 AM | 42.9 | 47.1 | 42.2 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673505-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-15
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:30 AM - 12:35 AM | 42.8 | 48.1 | 42.0 |
| 12:35 AM - 12:40 AM | 43.7 | 48.7 | 41.8 |
| 12:40 AM - 12:45 AM | 43.0 | 48.8 | 41.8 |
| 12:45 AM - 12:50 AM | 42.7 | 46.7 | 41.9 |
| 12:50 AM - 12:55 AM | 43.3 | 48.4 | 42.3 |
| 12:55 AM - 01:00 AM | 42.5 | 46.9 | 41.7 |
| 01:00 AM - 01:05 AM | 42.3 | 46.5 | 41.5 |
| 01:05 AM - 01:10 AM | 43.3 | 48.1 | 42.0 |
| 01:10 AM - 01:15 AM | 42.9 | 47.0 | 41.8 |
| 01:15 AM - 01:20 AM | 42.6 | 47.1 | 41.6 |
| 01:20 AM - 01:25 AM | 42.8 | 47.2 | 41.8 |
| 01:25 AM - 01:30 AM | 42.4 | 47.1 | 41.4 |
| 01:30 AM - 01:35 AM | 42.1 | 47.8 | 40.8 |
| 01:35 AM - 01:40 AM | 42.7 | 46.7 | 41.1 |
| 01:40 AM - 01:45 AM | 42.6 | 47.3 | 41.0 |
| 01:45 AM - 01:50 AM | 43.7 | 50.1 | 41.6 |
| 01:50 AM - 01:55 AM | 43.6 | 48.3 | 41.9 |
| 01:55 AM - 02:00 AM | 43.8 | 49.7 | 41.8 |
| 02:00 AM - 02:05 AM | 43.6 | 49.9 | 42.3 |
| 02:05 AM - 02:10 AM | 45.5 | 52.2 | 42.6 |
| 02:10 AM - 02:15 AM | 43.7 | 49.2 | 41.8 |
| 02:15 AM - 02:20 AM | 43.9 | 50.0 | 42.3 |
| 02:20 AM - 02:25 AM | 43.4 | 49.9 | 41.4 |
| 02:25 AM - 02:30 AM | 43.2 | 52.5 | 41.3 |
| 02:30 AM - 02:35 AM | 42.9 | 48.0 | 41.3 |
| 02:35 AM - 02:40 AM | 43.7 | 51.7 | 41.3 |
| 02:40 AM - 02:45 AM | 43.6 | 48.9 | 41.6 |
| 02:45 AM - 02:50 AM | 44.5 | 51.4 | 41.3 |
| 02:50 AM - 02:55 AM | 44.8 | 49.5 | 41.7 |
| 02:55 AM - 03:00 AM | 42.4 | 48.7 | 40.5 |
| 03:00 AM - 03:05 AM | 44.8 | 52.6 | 39.8 |
| 03:05 AM - 03:10 AM | 42.4 | 50.1 | 40.0 |
| 03:10 AM - 03:15 AM | 42.6 | 51.0 | 40.4 |
| 03:15 AM - 03:20 AM | 44.1 | 50.6 | 42.2 |
| 03:20 AM - 03:25 AM | 42.7 | 53.9 | 40.6 |
| 03:25 AM - 03:30 AM | 43.9 | 51.2 | 41.1 |
| 03:30 AM - 03:35 AM | 43.1 | 51.5 | 41.1 |
| 03:35 AM - 03:40 AM | 43.0 | 52.3 | 40.5 |
| 03:40 AM - 03:45 AM | 43.1 | 53.0 | 40.9 |
| 03:45 AM - 03:50 AM | 47.1 | 55.5 | 41.7 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. ItalThai Tower, New Petchburi Road, Bangkapi, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673505-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-15
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 23 - 24, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:50 AM - 03:55 AM | 47.8 | 57.5 | 41.6 |
| 03:55 AM - 04:00 AM | 49.2 | 57.7 | 44.2 |
| 04:00 AM - 04:05 AM | 49.6 | 55.0 | 44.3 |
| 04:05 AM - 04:10 AM | 51.1 | 58.6 | 47.5 |
| 04:10 AM - 04:15 AM | 52.1 | 58.8 | 48.2 |
| 04:15 AM - 04:20 AM | 50.9 | 58.1 | 46.4 |
| 04:20 AM - 04:25 AM | 50.4 | 58.3 | 47.2 |
| 04:25 AM - 04:30 AM | 49.4 | 54.3 | 46.5 |
| 04:30 AM - 04:35 AM | 49.1 | 53.9 | 45.8 |
| 04:35 AM - 04:40 AM | 49.1 | 55.0 | 44.8 |
| 04:40 AM - 04:45 AM | 45.6 | 54.5 | 41.6 |
| 04:45 AM - 04:50 AM | 46.4 | 54.9 | 41.9 |
| 04:50 AM - 04:55 AM | 46.9 | 55.3 | 41.5 |
| 04:55 AM - 05:00 AM | 45.9 | 52.8 | 41.5 |
| 05:00 AM - 05:05 AM | 44.4 | 52.6 | 40.5 |
| 05:05 AM - 05:10 AM | 43.8 | 52.0 | 40.4 |
| 05:10 AM - 05:15 AM | 44.1 | 52.2 | 40.8 |
| 05:15 AM - 05:20 AM | 42.1 | 49.6 | 39.9 |
| 05:20 AM - 05:25 AM | 42.7 | 50.4 | 40.6 |
| 05:25 AM - 05:30 AM | 42.6 | 51.3 | 40.7 |
| 05:30 AM - 05:35 AM | 42.8 | 49.5 | 41.4 |
| 05:35 AM - 05:40 AM | 42.9 | 49.3 | 41.8 |
| 05:40 AM - 05:45 AM | 42.9 | 47.6 | 41.9 |
| 05:45 AM - 05:50 AM | 42.8 | 49.0 | 41.7 |
| 05:50 AM - 05:55 AM | 46.5 | 60.2 | 41.5 |
| 05:55 AM - 06:00 AM | 42.8 | 49.3 | 40.8 |
| 06:00 AM - 07:00 AM | 48.8 | 67.6 | 43.4 |
| 07:00 AM - 08:00 AM | 49.3 | 66.5 | 43.4 |
| 08:00 AM - 09:00 AM | 49.5 | 74.2 | 40.3 |
| 09:00 AM - 10:00 AM | 49.7 | 80.8 | 36.5 |
| 10:00 AM - 11:00 AM | 48.3 | 73.6 | 35.1 |
| 11:00 AM - 12:00 PM | 48.8 | 73.6 | 35.6 |

Reference Method :

- ISO 1996-1
- 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.

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673506-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-16
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 48.3 | 71.1 | 35.7 |
| 01:00 PM - 02:00 PM | 45.5 | 77.1 | 35.2 |
| 02:00 PM - 03:00 PM | 49.9 | 76.3 | 39.5 |
| 03:00 PM - 04:00 PM | 46.0 | 67.0 | 37.0 |
| 04:00 PM - 05:00 PM | 46.7 | 66.0 | 37.3 |
| 05:00 PM - 06:00 PM | 44.8 | 62.5 | 37.4 |
| 06:00 PM - 07:00 PM | 47.8 | 68.3 | 40.7 |
| 07:00 PM - 08:00 PM | 47.5 | 67.5 | 41.1 |
| 08:00 PM - 09:00 PM | 51.4 | 76.8 | 46.9 |
| 09:00 PM - 10:00 PM | 49.0 | 66.8 | 46.7 |
| 10:00 PM - 10:05 PM | 47.0 | 52.0 | 45.0 |
| 10:05 PM - 10:10 PM | 45.3 | 50.4 | 44.3 |
| 10:10 PM - 10:15 PM | 45.2 | 48.0 | 44.0 |
| 10:15 PM - 10:20 PM | 44.7 | 47.9 | 43.4 |
| 10:20 PM - 10:25 PM | 44.7 | 47.5 | 43.5 |
| 10:25 PM - 10:30 PM | 46.1 | 51.5 | 45.0 |
| 10:30 PM - 10:35 PM | 46.4 | 53.0 | 45.3 |
| 10:35 PM - 10:40 PM | 46.2 | 48.9 | 45.4 |
| 10:40 PM - 10:45 PM | 45.7 | 49.0 | 44.6 |
| 10:45 PM - 10:50 PM | 46.2 | 52.0 | 45.0 |
| 10:50 PM - 10:55 PM | 47.0 | 56.8 | 45.3 |
| 10:55 PM - 11:00 PM | 45.7 | 48.3 | 44.8 |
| 11:00 PM - 11:05 PM | 46.7 | 58.3 | 45.0 |
| 11:05 PM - 11:10 PM | 48.4 | 61.1 | 44.6 |
| 11:10 PM - 11:15 PM | 47.5 | 60.0 | 44.0 |
| 11:15 PM - 11:20 PM | 47.0 | 60.6 | 44.6 |
| 11:20 PM - 11:25 PM | 48.3 | 59.9 | 44.5 |
| 11:25 PM - 11:30 PM | 49.1 | 59.8 | 45.4 |
| 11:30 PM - 11:35 PM | 51.0 | 60.0 | 45.2 |
| 11:35 PM - 11:40 PM | 48.7 | 60.1 | 45.2 |
| 11:40 PM - 11:45 PM | 45.3 | 50.6 | 44.2 |
| 11:45 PM - 11:50 PM | 44.5 | 49.6 | 43.4 |
| 11:50 PM - 11:55 PM | 45.6 | 48.1 | 44.5 |
| 11:55 PM - 12:00 AM | 44.8 | 48.6 | 43.7 |
| 12:00 AM - 12:05 AM | 45.3 | 51.8 | 44.0 |
| 12:05 AM - 12:10 AM | 44.6 | 50.5 | 43.8 |
| 12:10 AM - 12:15 AM | 45.0 | 47.6 | 44.1 |
| 12:15 AM - 12:20 AM | 45.1 | 49.3 | 44.4 |
| 12:20 AM - 12:25 AM | 45.2 | 48.9 | 44.3 |
| 12:25 AM - 12:30 AM | 44.9 | 49.7 | 44.0 |

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.

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673506-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-16
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:30 AM - 12:35 AM | 45.1 | 49.7 | 44.1 |
| 12:35 AM - 12:40 AM | 45.8 | 53.6 | 44.5 |
| 12:40 AM - 12:45 AM | 46.1 | 54.1 | 44.0 |
| 12:45 AM - 12:50 AM | 44.6 | 50.2 | 43.5 |
| 12:50 AM - 12:55 AM | 45.5 | 54.1 | 44.1 |
| 12:55 AM - 01:00 AM | 46.6 | 55.5 | 44.7 |
| 01:00 AM - 01:05 AM | 45.5 | 49.3 | 44.5 |
| 01:05 AM - 01:10 AM | 46.2 | 55.4 | 44.9 |
| 01:10 AM - 01:15 AM | 46.4 | 55.5 | 44.9 |
| 01:15 AM - 01:20 AM | 47.3 | 55.8 | 45.4 |
| 01:20 AM - 01:25 AM | 47.0 | 56.0 | 45.4 |
| 01:25 AM - 01:30 AM | 47.6 | 56.1 | 44.9 |
| 01:30 AM - 01:35 AM | 46.2 | 56.0 | 43.9 |
| 01:35 AM - 01:40 AM | 46.4 | 55.8 | 44.0 |
| 01:40 AM - 01:45 AM | 46.3 | 55.8 | 44.3 |
| 01:45 AM - 01:50 AM | 45.6 | 54.4 | 44.4 |
| 01:50 AM - 01:55 AM | 45.5 | 59.9 | 43.8 |
| 01:55 AM - 02:00 AM | 45.9 | 52.4 | 43.9 |
| 02:00 AM - 02:05 AM | 47.1 | 53.3 | 44.9 |
| 02:05 AM - 02:10 AM | 45.8 | 55.9 | 44.1 |
| 02:10 AM - 02:15 AM | 47.2 | 53.2 | 45.1 |
| 02:15 AM - 02:20 AM | 46.8 | 53.5 | 44.4 |
| 02:20 AM - 02:25 AM | 45.7 | 53.4 | 43.8 |
| 02:25 AM - 02:30 AM | 46.2 | 51.3 | 43.9 |
| 02:30 AM - 02:35 AM | 45.6 | 50.2 | 44.4 |
| 02:35 AM - 02:40 AM | 45.8 | 50.5 | 44.6 |
| 02:40 AM - 02:45 AM | 46.5 | 56.9 | 44.2 |
| 02:45 AM - 02:50 AM | 45.2 | 50.8 | 43.8 |
| 02:50 AM - 02:55 AM | 45.7 | 51.8 | 44.3 |
| 02:55 AM - 03:00 AM | 44.9 | 56.4 | 42.9 |
| 03:00 AM - 03:05 AM | 46.9 | 58.1 | 44.2 |
| 03:05 AM - 03:10 AM | 45.3 | 51.6 | 43.8 |
| 03:10 AM - 03:15 AM | 45.6 | 51.8 | 44.1 |
| 03:15 AM - 03:20 AM | 44.8 | 50.2 | 42.7 |
| 03:20 AM - 03:25 AM | 43.3 | 46.4 | 41.1 |
| 03:25 AM - 03:30 AM | 42.6 | 54.6 | 41.2 |
| 03:30 AM - 03:35 AM | 41.8 | 44.6 | 40.9 |
| 03:35 AM - 03:40 AM | 43.3 | 52.8 | 42.0 |
| 03:40 AM - 03:45 AM | 43.9 | 49.0 | 42.6 |
| 03:45 AM - 03:50 AM | 43.8 | 50.2 | 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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673506-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-16
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 24 - 25, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:50 AM - 03:55 AM | 43.4 | 55.8 | 42.1 |
| 03:55 AM - 04:00 AM | 43.2 | 50.5 | 42.2 |
| 04:00 AM - 04:05 AM | 43.8 | 48.4 | 42.3 |
| 04:05 AM - 04:10 AM | 43.4 | 47.3 | 42.0 |
| 04:10 AM - 04:15 AM | 42.9 | 46.6 | 41.6 |
| 04:15 AM - 04:20 AM | 43.2 | 46.1 | 42.0 |
| 04:20 AM - 04:25 AM | 43.2 | 46.5 | 42.0 |
| 04:25 AM - 04:30 AM | 43.2 | 46.4 | 42.1 |
| 04:30 AM - 04:35 AM | 42.8 | 46.5 | 41.6 |
| 04:35 AM - 04:40 AM | 45.4 | 56.5 | 42.4 |
| 04:40 AM - 04:45 AM | 46.1 | 57.1 | 41.1 |
| 04:45 AM - 04:50 AM | 45.3 | 57.1 | 40.7 |
| 04:50 AM - 04:55 AM | 41.6 | 45.2 | 40.6 |
| 04:55 AM - 05:00 AM | 43.1 | 54.9 | 40.9 |
| 05:00 AM - 05:05 AM | 42.1 | 52.7 | 40.4 |
| 05:05 AM - 05:10 AM | 43.2 | 56.9 | 41.1 |
| 05:10 AM - 05:15 AM | 41.5 | 50.1 | 40.0 |
| 05:15 AM - 05:20 AM | 40.9 | 47.0 | 40.1 |
| 05:20 AM - 05:25 AM | 49.6 | 69.1 | 40.2 |
| 05:25 AM - 05:30 AM | 40.9 | 44.2 | 40.1 |
| 05:30 AM - 05:35 AM | 41.0 | 43.2 | 40.3 |
| 05:35 AM - 05:40 AM | 41.1 | 43.9 | 40.2 |
| 05:40 AM - 05:45 AM | 41.3 | 45.3 | 40.5 |
| 05:45 AM - 05:50 AM | 45.2 | 59.5 | 40.5 |
| 05:50 AM - 05:55 AM | 42.0 | 44.7 | 41.0 |
| 05:55 AM - 06:00 AM | 45.2 | 64.4 | 40.7 |
| 06:00 AM - 07:00 AM | 49.9 | 76.1 | 42.3 |
| 07:00 AM - 08:00 AM | 44.8 | 62.9 | 40.6 |
| 08:00 AM - 09:00 AM | 47.3 | 69.0 | 38.4 |
| 09:00 AM - 10:00 AM | 46.4 | 69.4 | 36.4 |
| 10:00 AM - 11:00 AM | 44.8 | 68.4 | 37.4 |
| 11:00 AM - 12:00 PM | 49.2 | 75.4 | 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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673507-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-17
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 43.1 | 64.3 | 38.2 |
| 01:00 PM - 02:00 PM | 43.4 | 72.1 | 36.5 |
| 02:00 PM - 03:00 PM | 51.3 | 76.9 | 37.6 |
| 03:00 PM - 04:00 PM | 51.1 | 75.9 | 38.3 |
| 04:00 PM - 05:00 PM | 49.0 | 73.8 | 38.5 |
| 05:00 PM - 06:00 PM | 52.0 | 74.0 | 45.4 |
| 06:00 PM - 07:00 PM | 47.1 | 71.2 | 40.9 |
| 07:00 PM - 08:00 PM | 47.5 | 73.4 | 40.5 |
| 08:00 PM - 09:00 PM | 48.6 | 62.7 | 46.1 |
| 09:00 PM - 10:00 PM | 45.3 | 59.9 | 43.9 |
| 10:00 PM - 10:05 PM | 46.1 | 50.4 | 43.7 |
| 10:05 PM - 10:10 PM | 45.0 | 49.7 | 43.4 |
| 10:10 PM - 10:15 PM | 46.1 | 49.1 | 44.2 |
| 10:15 PM - 10:20 PM | 45.0 | 49.0 | 43.0 |
| 10:20 PM - 10:25 PM | 46.8 | 49.6 | 43.8 |
| 10:25 PM - 10:30 PM | 43.8 | 46.3 | 42.8 |
| 10:30 PM - 10:35 PM | 43.6 | 46.0 | 42.8 |
| 10:35 PM - 10:40 PM | 44.4 | 48.4 | 42.9 |
| 10:40 PM - 10:45 PM | 44.0 | 46.2 | 43.1 |
| 10:45 PM - 10:50 PM | 44.2 | 47.4 | 43.2 |
| 10:50 PM - 10:55 PM | 44.9 | 55.0 | 43.2 |
| 10:55 PM - 11:00 PM | 44.2 | 49.1 | 43.1 |
| 11:00 PM - 11:05 PM | 45.0 | 49.0 | 43.3 |
| 11:05 PM - 11:10 PM | 45.5 | 48.0 | 44.5 |
| 11:10 PM - 11:15 PM | 45.7 | 47.7 | 44.7 |
| 11:15 PM - 11:20 PM | 46.3 | 50.4 | 45.3 |
| 11:20 PM - 11:25 PM | 46.1 | 49.9 | 45.0 |
| 11:25 PM - 11:30 PM | 45.4 | 47.4 | 44.4 |
| 11:30 PM - 11:35 PM | 45.4 | 47.9 | 44.5 |
| 11:35 PM - 11:40 PM | 45.3 | 47.7 | 44.3 |
| 11:40 PM - 11:45 PM | 45.7 | 47.8 | 44.8 |
| 11:45 PM - 11:50 PM | 45.4 | 48.2 | 43.8 |
| 11:50 PM - 11:55 PM | 45.5 | 48.6 | 44.7 |
| 11:55 PM - 12:00 AM | 45.0 | 47.4 | 43.4 |
| 12:00 AM - 12:05 AM | 44.5 | 47.6 | 43.2 |
| 12:05 AM - 12:10 AM | 45.0 | 48.8 | 43.4 |
| 12:10 AM - 12:15 AM | 44.9 | 49.2 | 43.5 |
| 12:15 AM - 12:20 AM | 44.9 | 46.9 | 43.6 |
| 12:20 AM - 12:25 AM | 43.6 | 50.4 | 42.7 |
| 12:25 AM - 12:30 AM | 44.1 | 46.6 | 43.0 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673507-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-17
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:30 AM - 12:35 AM | 43.9 | 47.5 | 42.7 |
| 12:35 AM - 12:40 AM | 44.3 | 46.9 | 42.5 |
| 12:40 AM - 12:45 AM | 43.6 | 47.0 | 42.5 |
| 12:45 AM - 12:50 AM | 44.6 | 47.5 | 43.8 |
| 12:50 AM - 12:55 AM | 44.8 | 47.6 | 43.7 |
| 12:55 AM - 01:00 AM | 44.1 | 46.8 | 42.7 |
| 01:00 AM - 01:05 AM | 44.6 | 47.0 | 43.9 |
| 01:05 AM - 01:10 AM | 43.9 | 48.9 | 42.1 |
| 01:10 AM - 01:15 AM | 43.5 | 48.8 | 42.0 |
| 01:15 AM - 01:20 AM | 44.8 | 47.6 | 43.9 |
| 01:20 AM - 01:25 AM | 44.6 | 47.4 | 43.6 |
| 01:25 AM - 01:30 AM | 43.7 | 46.1 | 42.9 |
| 01:30 AM - 01:35 AM | 44.2 | 47.1 | 43.3 |
| 01:35 AM - 01:40 AM | 46.5 | 65.7 | 43.9 |
| 01:40 AM - 01:45 AM | 45.8 | 51.0 | 44.5 |
| 01:45 AM - 01:50 AM | 45.8 | 48.5 | 44.7 |
| 01:50 AM - 01:55 AM | 46.5 | 49.8 | 45.2 |
| 01:55 AM - 02:00 AM | 46.5 | 49.7 | 45.0 |
| 02:00 AM - 02:05 AM | 46.2 | 49.7 | 44.7 |
| 02:05 AM - 02:10 AM | 45.5 | 47.8 | 44.0 |
| 02:10 AM - 02:15 AM | 43.4 | 47.7 | 42.3 |
| 02:15 AM - 02:20 AM | 43.4 | 50.8 | 42.0 |
| 02:20 AM - 02:25 AM | 43.4 | 49.9 | 42.1 |
| 02:25 AM - 02:30 AM | 43.5 | 47.2 | 42.4 |
| 02:30 AM - 02:35 AM | 44.0 | 48.1 | 42.4 |
| 02:35 AM - 02:40 AM | 44.4 | 47.9 | 43.2 |
| 02:40 AM - 02:45 AM | 44.8 | 48.1 | 43.7 |
| 02:45 AM - 02:50 AM | 44.1 | 47.9 | 42.9 |
| 02:50 AM - 02:55 AM | 44.4 | 47.6 | 43.2 |
| 02:55 AM - 03:00 AM | 44.6 | 47.3 | 43.4 |
| 03:00 AM - 03:05 AM | 44.5 | 47.3 | 43.4 |
| 03:05 AM - 03:10 AM | 44.1 | 47.2 | 42.7 |
| 03:10 AM - 03:15 AM | 45.1 | 48.3 | 42.7 |
| 03:15 AM - 03:20 AM | 45.5 | 48.3 | 44.2 |
| 03:20 AM - 03:25 AM | 44.4 | 47.3 | 43.0 |
| 03:25 AM - 03:30 AM | 44.1 | 47.6 | 43.0 |
| 03:30 AM - 03:35 AM | 43.8 | 47.6 | 42.5 |
| 03:35 AM - 03:40 AM | 43.6 | 47.1 | 42.3 |
| 03:40 AM - 03:45 AM | 43.7 | 47.0 | 42.6 |
| 03:45 AM - 03:50 AM | 43.6 | 46.6 | 42.4 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673507-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-17
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 25 - 26, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:50 AM - 03:55 AM | 43.8 | 48.2 | 42.6 |
| 03:55 AM - 04:00 AM | 43.6 | 46.8 | 42.5 |
| 04:00 AM - 04:05 AM | 43.4 | 46.3 | 42.2 |
| 04:05 AM - 04:10 AM | 42.8 | 46.6 | 41.4 |
| 04:10 AM - 04:15 AM | 42.7 | 48.6 | 41.4 |
| 04:15 AM - 04:20 AM | 43.1 | 49.2 | 41.2 |
| 04:20 AM - 04:25 AM | 43.1 | 49.5 | 41.2 |
| 04:25 AM - 04:30 AM | 43.7 | 49.3 | 40.9 |
| 04:30 AM - 04:35 AM | 42.0 | 48.9 | 40.9 |
| 04:35 AM - 04:40 AM | 41.7 | 45.1 | 41.1 |
| 04:40 AM - 04:45 AM | 41.6 | 46.6 | 40.8 |
| 04:45 AM - 04:50 AM | 41.6 | 45.9 | 40.8 |
| 04:50 AM - 04:55 AM | 41.8 | 47.1 | 41.0 |
| 04:55 AM - 05:00 AM | 41.4 | 49.0 | 40.7 |
| 05:00 AM - 05:05 AM | 41.9 | 44.9 | 41.1 |
| 05:05 AM - 05:10 AM | 41.4 | 45.8 | 40.8 |
| 05:10 AM - 05:15 AM | 41.2 | 48.4 | 40.6 |
| 05:15 AM - 05:20 AM | 41.2 | 49.3 | 40.4 |
| 05:20 AM - 05:25 AM | 41.1 | 47.2 | 40.5 |
| 05:25 AM - 05:30 AM | 41.2 | 43.9 | 40.5 |
| 05:30 AM - 05:35 AM | 42.4 | 53.3 | 40.9 |
| 05:35 AM - 05:40 AM | 41.2 | 43.2 | 40.6 |
| 05:40 AM - 05:45 AM | 41.3 | 48.2 | 40.7 |
| 05:45 AM - 05:50 AM | 41.0 | 45.3 | 40.3 |
| 05:50 AM - 05:55 AM | 42.5 | 56.5 | 40.7 |
| 05:55 AM - 06:00 AM | 44.8 | 59.3 | 40.3 |
| 06:00 AM - 07:00 AM | 47.7 | 70.3 | 41.3 |
| 07:00 AM - 08:00 AM | 46.5 | 65.7 | 40.3 |
| 08:00 AM - 09:00 AM | 47.3 | 69.5 | 37.7 |
| 09:00 AM - 10:00 AM | 46.7 | 67.0 | 37.0 |
| 10:00 AM - 11:00 AM | 49.1 | 72.9 | 38.7 |
| 11:00 AM - 12:00 PM | 44.1 | 64.3 | 38.2 |

Reference Method :

- ISO 1996-1
- 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.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673508-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-18
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 50.6 | 75.5 | 39.5 |
| 01:00 PM - 02:00 PM | 50.5 | 71.2 | 39.6 |
| 02:00 PM - 03:00 PM | 45.2 | 64.4 | 40.3 |
| 03:00 PM - 04:00 PM | 47.1 | 70.4 | 39.1 |
| 04:00 PM - 05:00 PM | 51.8 | 77.3 | 39.4 |
| 05:00 PM - 06:00 PM | 48.2 | 72.9 | 39.5 |
| 06:00 PM - 07:00 PM | 50.5 | 73.5 | 40.4 |
| 07:00 PM - 08:00 PM | 48.1 | 72.7 | 40.6 |
| 08:00 PM - 09:00 PM | 51.7 | 68.7 | 49.8 |
| 09:00 PM - 10:00 PM | 49.6 | 69.0 | 47.3 |
| 10:00 PM - 10:05 PM | 48.1 | 56.0 | 46.4 |
| 10:05 PM - 10:10 PM | 47.2 | 50.5 | 46.0 |
| 10:10 PM - 10:15 PM | 47.1 | 49.5 | 46.3 |
| 10:15 PM - 10:20 PM | 47.7 | 50.5 | 46.9 |
| 10:20 PM - 10:25 PM | 48.0 | 50.6 | 46.9 |
| 10:25 PM - 10:30 PM | 47.4 | 49.9 | 46.2 |
| 10:30 PM - 10:35 PM | 47.9 | 50.6 | 46.5 |
| 10:35 PM - 10:40 PM | 48.2 | 50.7 | 47.1 |
| 10:40 PM - 10:45 PM | 48.3 | 51.0 | 47.1 |
| 10:45 PM - 10:50 PM | 47.4 | 50.8 | 46.3 |
| 10:50 PM - 10:55 PM | 47.3 | 49.4 | 46.5 |
| 10:55 PM - 11:00 PM | 47.0 | 49.0 | 46.2 |
| 11:00 PM - 11:05 PM | 47.2 | 50.3 | 46.2 |
| 11:05 PM - 11:10 PM | 47.5 | 49.6 | 46.7 |
| 11:10 PM - 11:15 PM | 47.2 | 53.6 | 46.3 |
| 11:15 PM - 11:20 PM | 54.0 | 72.0 | 47.0 |
| 11:20 PM - 11:25 PM | 53.0 | 74.6 | 47.3 |
| 11:25 PM - 11:30 PM | 51.2 | 69.8 | 47.8 |
| 11:30 PM - 11:35 PM | 48.5 | 50.5 | 47.8 |
| 11:35 PM - 11:40 PM | 48.4 | 51.2 | 47.7 |
| 11:40 PM - 11:45 PM | 48.3 | 50.2 | 47.7 |
| 11:45 PM - 11:50 PM | 48.4 | 50.4 | 47.8 |
| 11:50 PM - 11:55 PM | 48.2 | 50.0 | 47.6 |
| 11:55 PM - 12:00 AM | 48.2 | 50.6 | 47.5 |
| 12:00 AM - 12:05 AM | 48.5 | 50.5 | 47.7 |
| 12:05 AM - 12:10 AM | 48.3 | 58.7 | 47.3 |
| 12:10 AM - 12:15 AM | 48.3 | 50.3 | 47.6 |
| 12:15 AM - 12:20 AM | 48.0 | 50.5 | 47.4 |
| 12:20 AM - 12:25 AM | 47.3 | 49.7 | 46.4 |
| 12:25 AM - 12:30 AM | 47.5 | 50.0 | 46.3 |

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.

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673508-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-18
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:30 AM - 12:35 AM | 48.3 | 53.5 | 47.3 |
| 12:35 AM - 12:40 AM | 47.9 | 50.9 | 47.2 |
| 12:40 AM - 12:45 AM | 48.1 | 51.0 | 47.3 |
| 12:45 AM - 12:50 AM | 47.9 | 51.5 | 46.9 |
| 12:50 AM - 12:55 AM | 47.4 | 53.3 | 46.4 |
| 12:55 AM - 01:00 AM | 46.1 | 51.0 | 44.7 |
| 01:00 AM - 01:05 AM | 46.0 | 50.6 | 44.6 |
| 01:05 AM - 01:10 AM | 46.6 | 50.6 | 45.6 |
| 01:10 AM - 01:15 AM | 46.9 | 50.7 | 45.9 |
| 01:15 AM - 01:20 AM | 48.2 | 51.0 | 46.7 |
| 01:20 AM - 01:25 AM | 48.4 | 50.8 | 47.6 |
| 01:25 AM - 01:30 AM | 47.9 | 51.6 | 45.4 |
| 01:30 AM - 01:35 AM | 48.0 | 61.4 | 45.6 |
| 01:35 AM - 01:40 AM | 47.3 | 52.4 | 45.8 |
| 01:40 AM - 01:45 AM | 46.6 | 52.0 | 45.4 |
| 01:45 AM - 01:50 AM | 46.6 | 51.2 | 45.6 |
| 01:50 AM - 01:55 AM | 46.7 | 51.0 | 45.5 |
| 01:55 AM - 02:00 AM | 48.0 | 51.2 | 47.1 |
| 02:00 AM - 02:05 AM | 47.6 | 50.6 | 46.9 |
| 02:05 AM - 02:10 AM | 48.3 | 53.2 | 47.0 |
| 02:10 AM - 02:15 AM | 47.8 | 50.6 | 46.8 |
| 02:15 AM - 02:20 AM | 48.6 | 53.7 | 47.3 |
| 02:20 AM - 02:25 AM | 47.9 | 49.8 | 47.4 |
| 02:25 AM - 02:30 AM | 47.6 | 55.0 | 45.8 |
| 02:30 AM - 02:35 AM | 47.0 | 56.0 | 44.9 |
| 02:35 AM - 02:40 AM | 47.0 | 51.9 | 45.9 |
| 02:40 AM - 02:45 AM | 47.9 | 51.5 | 46.8 |
| 02:45 AM - 02:50 AM | 53.4 | 66.7 | 46.8 |
| 02:50 AM - 02:55 AM | 47.9 | 63.6 | 46.0 |
| 02:55 AM - 03:00 AM | 46.8 | 51.3 | 45.4 |
| 03:00 AM - 03:05 AM | 46.8 | 50.7 | 45.5 |
| 03:05 AM - 03:10 AM | 47.9 | 53.1 | 46.4 |
| 03:10 AM - 03:15 AM | 47.5 | 52.6 | 46.2 |
| 03:15 AM - 03:20 AM | 46.8 | 50.6 | 45.6 |
| 03:20 AM - 03:25 AM | 46.3 | 50.4 | 45.0 |
| 03:25 AM - 03:30 AM | 46.4 | 49.9 | 45.3 |
| 03:30 AM - 03:35 AM | 46.8 | 50.7 | 45.6 |
| 03:35 AM - 03:40 AM | 47.4 | 51.0 | 46.4 |
| 03:40 AM - 03:45 AM | 47.6 | 50.4 | 46.3 |
| 03:45 AM - 03:50 AM | 47.4 | 50.1 | 46.5 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673508-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-18
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 26 - 27, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:50 AM - 03:55 AM | 46.7 | 49.8 | 44.7 |
| 03:55 AM - 04:00 AM | 45.3 | 50.2 | 43.8 |
| 04:00 AM - 04:05 AM | 45.1 | 49.8 | 43.6 |
| 04:05 AM - 04:10 AM | 45.4 | 48.8 | 44.0 |
| 04:10 AM - 04:15 AM | 44.7 | 52.5 | 43.0 |
| 04:15 AM - 04:20 AM | 45.1 | 52.6 | 43.1 |
| 04:20 AM - 04:25 AM | 45.3 | 52.6 | 43.6 |
| 04:25 AM - 04:30 AM | 44.2 | 52.2 | 43.3 |
| 04:30 AM - 04:35 AM | 44.5 | 51.6 | 43.0 |
| 04:35 AM - 04:40 AM | 44.7 | 51.9 | 43.6 |
| 04:40 AM - 04:45 AM | 45.2 | 51.9 | 43.9 |
| 04:45 AM - 04:50 AM | 45.6 | 52.7 | 43.9 |
| 04:50 AM - 04:55 AM | 44.5 | 52.1 | 43.2 |
| 04:55 AM - 05:00 AM | 44.1 | 50.7 | 42.9 |
| 05:00 AM - 05:05 AM | 46.2 | 52.5 | 42.1 |
| 05:05 AM - 05:10 AM | 43.2 | 50.2 | 41.8 |
| 05:10 AM - 05:15 AM | 45.2 | 51.5 | 42.5 |
| 05:15 AM - 05:20 AM | 44.0 | 51.0 | 42.3 |
| 05:20 AM - 05:25 AM | 43.9 | 50.3 | 42.3 |
| 05:25 AM - 05:30 AM | 43.2 | 50.5 | 42.0 |
| 05:30 AM - 05:35 AM | 43.5 | 51.4 | 42.3 |
| 05:35 AM - 05:40 AM | 42.9 | 49.5 | 41.6 |
| 05:40 AM - 05:45 AM | 42.9 | 49.9 | 41.5 |
| 05:45 AM - 05:50 AM | 44.1 | 55.3 | 41.8 |
| 05:50 AM - 05:55 AM | 43.8 | 51.9 | 41.7 |
| 05:55 AM - 06:00 AM | 44.5 | 50.6 | 41.8 |
| 06:00 AM - 07:00 AM | 51.8 | 77.3 | 47.5 |
| 07:00 AM - 08:00 AM | 47.6 | 68.5 | 43.4 |
| 08:00 AM - 09:00 AM | 49.8 | 73.3 | 42.0 |
| 09:00 AM - 10:00 AM | 45.6 | 69.6 | 39.6 |
| 10:00 AM - 11:00 AM | 48.5 | 71.6 | 37.1 |
| 11:00 AM - 12:00 PM | 51.1 | 77.6 | 37.9 |

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

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673509-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-19
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 42.9 | 62.3 | 38.2 |
| 01:00 PM - 02:00 PM | 41.2 | 59.5 | 36.6 |
| 02:00 PM - 03:00 PM | 44.6 | 64.5 | 38.1 |
| 03:00 PM - 04:00 PM | 50.0 | 75.5 | 37.8 |
| 04:00 PM - 05:00 PM | 49.5 | 74.5 | 39.2 |
| 05:00 PM - 06:00 PM | 50.7 | 75.4 | 40.5 |
| 06:00 PM - 07:00 PM | 51.1 | 71.9 | 40.9 |
| 07:00 PM - 08:00 PM | 47.1 | 68.8 | 42.6 |
| 08:00 PM - 09:00 PM | 53.0 | 64.1 | 51.6 |
| 09:00 PM - 10:00 PM | 50.3 | 68.7 | 47.7 |
| 10:00 PM - 10:05 PM | 46.6 | 54.8 | 44.1 |
| 10:05 PM - 10:10 PM | 46.9 | 52.4 | 45.8 |
| 10:10 PM - 10:15 PM | 46.7 | 60.1 | 45.2 |
| 10:15 PM - 10:20 PM | 47.3 | 55.0 | 45.9 |
| 10:20 PM - 10:25 PM | 48.4 | 51.5 | 47.1 |
| 10:25 PM - 10:30 PM | 47.8 | 53.4 | 46.2 |
| 10:30 PM - 10:35 PM | 45.5 | 50.3 | 44.2 |
| 10:35 PM - 10:40 PM | 44.8 | 50.1 | 43.5 |
| 10:40 PM - 10:45 PM | 45.6 | 52.7 | 43.7 |
| 10:45 PM - 10:50 PM | 45.3 | 50.3 | 43.5 |
| 10:50 PM - 10:55 PM | 45.4 | 49.7 | 43.7 |
| 10:55 PM - 11:00 PM | 43.9 | 48.4 | 41.8 |
| 11:00 PM - 11:05 PM | 44.6 | 49.6 | 42.8 |
| 11:05 PM - 11:10 PM | 45.5 | 48.8 | 44.2 |
| 11:10 PM - 11:15 PM | 44.3 | 50.2 | 42.9 |
| 11:15 PM - 11:20 PM | 44.5 | 63.1 | 41.1 |
| 11:20 PM - 11:25 PM | 45.0 | 55.8 | 40.5 |
| 11:25 PM - 11:30 PM | 48.4 | 57.3 | 42.5 |
| 11:30 PM - 11:35 PM | 43.1 | 48.4 | 41.7 |
| 11:35 PM - 11:40 PM | 44.7 | 48.8 | 43.1 |
| 11:40 PM - 11:45 PM | 45.5 | 50.3 | 42.8 |
| 11:45 PM - 11:50 PM | 47.2 | 50.4 | 45.7 |
| 11:50 PM - 11:55 PM | 47.1 | 50.6 | 45.8 |
| 11:55 PM - 12:00 AM | 46.9 | 49.6 | 45.9 |
| 12:00 AM - 12:05 AM | 46.9 | 49.7 | 46.0 |
| 12:05 AM - 12:10 AM | 47.1 | 52.2 | 46.1 |
| 12:10 AM - 12:15 AM | 47.4 | 49.8 | 46.4 |
| 12:15 AM - 12:20 AM | 50.2 | 56.9 | 46.6 |
| 12:20 AM - 12:25 AM | 49.0 | 51.7 | 47.3 |
| 12:25 AM - 12:30 AM | 49.2 | 51.7 | 47.6 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673509-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-19
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:30 AM - 12:35 AM | 49.3 | 52.1 | 47.7 |
| 12:35 AM - 12:40 AM | 49.1 | 52.4 | 46.8 |
| 12:40 AM - 12:45 AM | 49.7 | 56.6 | 47.1 |
| 12:45 AM - 12:50 AM | 50.1 | 56.9 | 47.1 |
| 12:50 AM - 12:55 AM | 50.1 | 57.0 | 46.8 |
| 12:55 AM - 01:00 AM | 49.2 | 56.7 | 46.8 |
| 01:00 AM - 01:05 AM | 49.4 | 52.6 | 47.6 |
| 01:05 AM - 01:10 AM | 48.1 | 52.0 | 45.9 |
| 01:10 AM - 01:15 AM | 46.7 | 49.5 | 45.9 |
| 01:15 AM - 01:20 AM | 53.2 | 54.4 | 52.9 |
| 01:20 AM - 01:25 AM | 51.3 | 54.2 | 45.7 |
| 01:25 AM - 01:30 AM | 46.4 | 50.4 | 45.4 |
| 01:30 AM - 01:35 AM | 48.4 | 55.4 | 45.8 |
| 01:35 AM - 01:40 AM | 46.8 | 51.0 | 45.5 |
| 01:40 AM - 01:45 AM | 50.8 | 55.4 | 48.3 |
| 01:45 AM - 01:50 AM | 49.2 | 53.9 | 48.2 |
| 01:50 AM - 01:55 AM | 48.3 | 51.8 | 46.2 |
| 01:55 AM - 02:00 AM | 47.6 | 50.1 | 46.6 |
| 02:00 AM - 02:05 AM | 46.8 | 49.8 | 45.8 |
| 02:05 AM - 02:10 AM | 48.2 | 53.2 | 45.7 |
| 02:10 AM - 02:15 AM | 47.7 | 52.3 | 46.3 |
| 02:15 AM - 02:20 AM | 49.8 | 51.8 | 47.6 |
| 02:20 AM - 02:25 AM | 50.2 | 52.0 | 49.8 |
| 02:25 AM - 02:30 AM | 47.8 | 51.5 | 46.2 |
| 02:30 AM - 02:35 AM | 46.1 | 48.3 | 45.2 |
| 02:35 AM - 02:40 AM | 44.8 | 47.3 | 43.7 |
| 02:40 AM - 02:45 AM | 44.7 | 50.3 | 43.8 |
| 02:45 AM - 02:50 AM | 45.7 | 50.7 | 44.0 |
| 02:50 AM - 02:55 AM | 46.6 | 50.1 | 44.4 |
| 02:55 AM - 03:00 AM | 45.8 | 50.5 | 44.7 |
| 03:00 AM - 03:05 AM | 45.6 | 51.4 | 44.0 |
| 03:05 AM - 03:10 AM | 47.3 | 51.0 | 45.3 |
| 03:10 AM - 03:15 AM | 47.7 | 51.6 | 47.1 |
| 03:15 AM - 03:20 AM | 47.2 | 51.0 | 45.9 |
| 03:20 AM - 03:25 AM | 46.5 | 50.3 | 45.4 |
| 03:25 AM - 03:30 AM | 46.4 | 51.5 | 45.3 |
| 03:30 AM - 03:35 AM | 45.3 | 51.1 | 43.5 |
| 03:35 AM - 03:40 AM | 45.7 | 50.7 | 43.2 |
| 03:40 AM - 03:45 AM | 47.5 | 51.9 | 46.2 |
| 03:45 AM - 03:50 AM | 48.0 | 51.8 | 46.8 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673509-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-19
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 27 - 28, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:50 AM - 03:55 AM | 47.5 | 51.8 | 44.7 |
| 03:55 AM - 04:00 AM | 45.3 | 50.7 | 43.5 |
| 04:00 AM - 04:05 AM | 45.6 | 50.5 | 43.5 |
| 04:05 AM - 04:10 AM | 45.1 | 51.1 | 43.2 |
| 04:10 AM - 04:15 AM | 44.3 | 50.3 | 42.4 |
| 04:15 AM - 04:20 AM | 44.2 | 48.0 | 42.9 |
| 04:20 AM - 04:25 AM | 43.4 | 48.0 | 41.8 |
| 04:25 AM - 04:30 AM | 44.5 | 51.1 | 41.4 |
| 04:30 AM - 04:35 AM | 48.0 | 51.8 | 44.9 |
| 04:35 AM - 04:40 AM | 46.5 | 49.8 | 45.6 |
| 04:40 AM - 04:45 AM | 47.0 | 50.0 | 46.1 |
| 04:45 AM - 04:50 AM | 47.0 | 50.8 | 46.1 |
| 04:50 AM - 04:55 AM | 46.7 | 49.9 | 45.7 |
| 04:55 AM - 05:00 AM | 46.6 | 49.6 | 45.6 |
| 05:00 AM - 05:05 AM | 43.3 | 49.7 | 40.7 |
| 05:05 AM - 05:10 AM | 41.6 | 47.5 | 40.6 |
| 05:10 AM - 05:15 AM | 41.7 | 47.1 | 40.7 |
| 05:15 AM - 05:20 AM | 41.6 | 47.0 | 40.5 |
| 05:20 AM - 05:25 AM | 41.7 | 47.0 | 40.7 |
| 05:25 AM - 05:30 AM | 41.5 | 47.3 | 40.7 |
| 05:30 AM - 05:35 AM | 42.4 | 48.9 | 41.0 |
| 05:35 AM - 05:40 AM | 43.4 | 49.5 | 42.1 |
| 05:40 AM - 05:45 AM | 43.1 | 49.3 | 41.8 |
| 05:45 AM - 05:50 AM | 43.0 | 51.8 | 41.8 |
| 05:50 AM - 05:55 AM | 48.3 | 63.8 | 41.9 |
| 05:55 AM - 06:00 AM | 43.0 | 47.4 | 41.6 |
| 06:00 AM - 07:00 AM | 50.6 | 77.5 | 44.9 |
| 07:00 AM - 08:00 AM | 48.0 | 68.2 | 42.6 |
| 08:00 AM - 09:00 AM | 51.6 | 73.1 | 42.4 |
| 09:00 AM - 10:00 AM | 50.0 | 74.2 | 39.2 |
| 10:00 AM - 11:00 AM | 47.7 | 74.0 | 38.8 |
| 11:00 AM - 12:00 PM | 51.1 | 76.5 | 39.6 |

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.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673510-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-20
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 48.1 | 68.1 | 41.0 |
| 01:00 PM - 02:00 PM | 48.6 | 73.3 | 39.5 |
| 02:00 PM - 03:00 PM | 44.2 | 72.4 | 39.5 |
| 03:00 PM - 04:00 PM | 51.4 | 77.4 | 38.9 |
| 04:00 PM - 05:00 PM | 47.3 | 73.9 | 40.5 |
| 05:00 PM - 06:00 PM | 50.1 | 73.7 | 41.0 |
| 06:00 PM - 07:00 PM | 55.2 | 77.7 | 41.9 |
| 07:00 PM - 08:00 PM | 50.5 | 78.2 | 42.3 |
| 08:00 PM - 09:00 PM | 52.3 | 70.9 | 50.2 |
| 09:00 PM - 10:00 PM | 52.1 | 70.4 | 44.5 |
| 10:00 PM - 10:05 PM | 47.8 | 51.6 | 46.1 |
| 10:05 PM - 10:10 PM | 49.7 | 63.1 | 45.4 |
| 10:10 PM - 10:15 PM | 46.3 | 49.5 | 44.9 |
| 10:15 PM - 10:20 PM | 46.7 | 50.1 | 45.4 |
| 10:20 PM - 10:25 PM | 47.4 | 51.6 | 45.9 |
| 10:25 PM - 10:30 PM | 47.8 | 53.8 | 46.4 |
| 10:30 PM - 10:35 PM | 47.0 | 57.0 | 45.1 |
| 10:35 PM - 10:40 PM | 48.6 | 52.7 | 47.2 |
| 10:40 PM - 10:45 PM | 49.1 | 56.0 | 47.1 |
| 10:45 PM - 10:50 PM | 49.6 | 56.2 | 48.0 |
| 10:50 PM - 10:55 PM | 49.0 | 53.1 | 47.7 |
| 10:55 PM - 11:00 PM | 49.8 | 54.4 | 48.4 |
| 11:00 PM - 11:05 PM | 49.9 | 54.4 | 48.4 |
| 11:05 PM - 11:10 PM | 49.2 | 54.2 | 47.1 |
| 11:10 PM - 11:15 PM | 49.4 | 54.8 | 47.7 |
| 11:15 PM - 11:20 PM | 49.5 | 54.4 | 47.9 |
| 11:20 PM - 11:25 PM | 49.7 | 54.3 | 48.4 |
| 11:25 PM - 11:30 PM | 51.0 | 66.7 | 48.5 |
| 11:30 PM - 11:35 PM | 49.7 | 54.1 | 48.4 |
| 11:35 PM - 11:40 PM | 48.5 | 53.9 | 46.6 |
| 11:40 PM - 11:45 PM | 48.2 | 52.4 | 46.7 |
| 11:45 PM - 11:50 PM | 48.3 | 52.4 | 46.8 |
| 11:50 PM - 11:55 PM | 47.7 | 52.2 | 46.4 |
| 11:55 PM - 12:00 AM | 47.9 | 62.6 | 46.5 |
| 12:00 AM - 12:05 AM | 47.5 | 51.8 | 45.8 |
| 12:05 AM - 12:10 AM | 47.4 | 50.5 | 45.8 |
| 12:10 AM - 12:15 AM | 46.9 | 50.1 | 45.2 |
| 12:15 AM - 12:20 AM | 46.7 | 50.2 | 45.2 |
| 12:20 AM - 12:25 AM | 46.5 | 50.2 | 45.0 |
| 12:25 AM - 12:30 AM | 47.8 | 50.7 | 46.5 |

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673510-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-20
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:30 AM - 12:35 AM | 48.2 | 51.0 | 46.8 |
| 12:35 AM - 12:40 AM | 48.5 | 51.8 | 47.2 |
| 12:40 AM - 12:45 AM | 48.4 | 51.2 | 47.2 |
| 12:45 AM - 12:50 AM | 47.7 | 50.8 | 46.4 |
| 12:50 AM - 12:55 AM | 47.4 | 50.3 | 46.0 |
| 12:55 AM - 01:00 AM | 47.5 | 50.1 | 46.3 |
| 01:00 AM - 01:05 AM | 46.6 | 49.5 | 45.0 |
| 01:05 AM - 01:10 AM | 46.9 | 49.3 | 45.7 |
| 01:10 AM - 01:15 AM | 46.5 | 49.5 | 45.3 |
| 01:15 AM - 01:20 AM | 46.2 | 49.2 | 45.5 |
| 01:20 AM - 01:25 AM | 45.8 | 47.7 | 45.3 |
| 01:25 AM - 01:30 AM | 45.9 | 47.4 | 45.5 |
| 01:30 AM - 01:35 AM | 46.5 | 48.2 | 45.8 |
| 01:35 AM - 01:40 AM | 46.6 | 49.3 | 45.8 |
| 01:40 AM - 01:45 AM | 46.3 | 49.3 | 45.7 |
| 01:45 AM - 01:50 AM | 46.1 | 48.4 | 45.4 |
| 01:50 AM - 01:55 AM | 45.8 | 48.3 | 45.2 |
| 01:55 AM - 02:00 AM | 45.4 | 49.3 | 44.8 |
| 02:00 AM - 02:05 AM | 47.8 | 50.4 | 45.6 |
| 02:05 AM - 02:10 AM | 46.1 | 48.7 | 44.5 |
| 02:10 AM - 02:15 AM | 44.8 | 48.6 | 44.2 |
| 02:15 AM - 02:20 AM | 45.2 | 48.0 | 44.6 |
| 02:20 AM - 02:25 AM | 45.4 | 47.8 | 44.5 |
| 02:25 AM - 02:30 AM | 45.4 | 53.2 | 44.5 |
| 02:30 AM - 02:35 AM | 45.1 | 47.1 | 44.5 |
| 02:35 AM - 02:40 AM | 45.9 | 50.6 | 45.1 |
| 02:40 AM - 02:45 AM | 45.9 | 49.3 | 44.9 |
| 02:45 AM - 02:50 AM | 45.7 | 48.5 | 44.6 |
| 02:50 AM - 02:55 AM | 46.9 | 49.5 | 45.3 |
| 02:55 AM - 03:00 AM | 46.9 | 49.7 | 45.3 |
| 03:00 AM - 03:05 AM | 48.7 | 52.0 | 44.9 |
| 03:05 AM - 03:10 AM | 49.6 | 52.4 | 47.1 |
| 03:10 AM - 03:15 AM | 48.0 | 51.8 | 46.5 |
| 03:15 AM - 03:20 AM | 47.0 | 52.8 | 45.5 |
| 03:20 AM - 03:25 AM | 48.7 | 54.3 | 47.2 |
| 03:25 AM - 03:30 AM | 48.2 | 52.3 | 46.3 |
| 03:30 AM - 03:35 AM | 46.2 | 50.3 | 45.3 |
| 03:35 AM - 03:40 AM | 47.2 | 53.8 | 45.5 |
| 03:40 AM - 03:45 AM | 46.8 | 53.1 | 45.3 |
| 03:45 AM - 03:50 AM | 45.7 | 52.7 | 44.8 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673510-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-20
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 28 - 29, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:50 AM - 03:55 AM | 46.9 | 54.4 | 44.8 |
| 03:55 AM - 04:00 AM | 49.5 | 53.1 | 48.3 |
| 04:00 AM - 04:05 AM | 50.1 | 52.0 | 49.6 |
| 04:05 AM - 04:10 AM | 50.6 | 53.9 | 49.6 |
| 04:10 AM - 04:15 AM | 46.7 | 50.2 | 43.7 |
| 04:15 AM - 04:20 AM | 46.0 | 53.5 | 44.3 |
| 04:20 AM - 04:25 AM | 47.0 | 56.1 | 44.5 |
| 04:25 AM - 04:30 AM | 45.9 | 54.0 | 44.5 |
| 04:30 AM - 04:35 AM | 44.9 | 48.6 | 43.9 |
| 04:35 AM - 04:40 AM | 45.1 | 48.0 | 44.0 |
| 04:40 AM - 04:45 AM | 45.3 | 48.2 | 44.1 |
| 04:45 AM - 04:50 AM | 44.8 | 47.3 | 43.8 |
| 04:50 AM - 04:55 AM | 44.8 | 49.8 | 43.4 |
| 04:55 AM - 05:00 AM | 43.5 | 46.3 | 42.9 |
| 05:00 AM - 05:05 AM | 44.2 | 48.1 | 43.5 |
| 05:05 AM - 05:10 AM | 44.4 | 46.5 | 43.6 |
| 05:10 AM - 05:15 AM | 45.6 | 47.9 | 44.5 |
| 05:15 AM - 05:20 AM | 44.9 | 46.8 | 43.6 |
| 05:20 AM - 05:25 AM | 44.0 | 47.0 | 43.2 |
| 05:25 AM - 05:30 AM | 43.5 | 46.9 | 42.9 |
| 05:30 AM - 05:35 AM | 43.8 | 47.3 | 42.6 |
| 05:35 AM - 05:40 AM | 43.4 | 48.5 | 42.6 |
| 05:40 AM - 05:45 AM | 43.9 | 48.3 | 43.0 |
| 05:45 AM - 05:50 AM | 43.5 | 49.5 | 42.8 |
| 05:50 AM - 05:55 AM | 47.7 | 61.9 | 42.5 |
| 05:55 AM - 06:00 AM | 42.7 | 44.8 | 41.9 |
| 06:00 AM - 07:00 AM | 51.9 | 75.4 | 44.7 |
| 07:00 AM - 08:00 AM | 50.2 | 68.1 | 44.7 |
| 08:00 AM - 09:00 AM | 50.8 | 72.5 | 43.0 |
| 09:00 AM - 10:00 AM | 47.5 | 68.5 | 42.1 |
| 10:00 AM - 11:00 AM | 47.5 | 71.0 | 42.2 |
| 11:00 AM - 12:00 PM | 46.5 | 65.9 | 41.1 |

Reference Method :

- ISO 1996-1
- 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.
2034/115 26TH Fl. Italhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673511-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 1 of 3

Sample No. 2351989-21
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:00 PM - 01:00 PM | 46.6 | 69.5 | 38.5 |
| 01:00 PM - 02:00 PM | 47.5 | 75.5 | 36.8 |
| 02:00 PM - 03:00 PM | 45.8 | 65.9 | 39.1 |
| 03:00 PM - 04:00 PM | 45.7 | 66.5 | 40.1 |
| 04:00 PM - 05:00 PM | 46.7 | 69.4 | 40.7 |
| 05:00 PM - 06:00 PM | 54.9 | 84.8 | 38.9 |
| 06:00 PM - 07:00 PM | 47.8 | 71.1 | 39.7 |
| 07:00 PM - 08:00 PM | 51.5 | 77.9 | 41.5 |
| 08:00 PM - 09:00 PM | 50.3 | 69.7 | 46.9 |
| 09:00 PM - 10:00 PM | 47.0 | 58.4 | 44.8 |
| 10:00 PM - 10:05 PM | 44.2 | 48.3 | 43.2 |
| 10:05 PM - 10:10 PM | 45.0 | 51.4 | 43.7 |
| 10:10 PM - 10:15 PM | 46.1 | 55.4 | 45.0 |
| 10:15 PM - 10:20 PM | 45.8 | 57.8 | 44.6 |
| 10:20 PM - 10:25 PM | 45.0 | 47.9 | 43.8 |
| 10:25 PM - 10:30 PM | 44.5 | 46.8 | 43.8 |
| 10:30 PM - 10:35 PM | 45.3 | 55.4 | 44.2 |
| 10:35 PM - 10:40 PM | 44.8 | 47.8 | 44.1 |
| 10:40 PM - 10:45 PM | 45.6 | 53.3 | 44.4 |
| 10:45 PM - 10:50 PM | 45.5 | 48.5 | 44.8 |
| 10:50 PM - 10:55 PM | 45.6 | 47.5 | 44.8 |
| 10:55 PM - 11:00 PM | 45.4 | 48.6 | 44.5 |
| 11:00 PM - 11:05 PM | 45.5 | 52.3 | 44.4 |
| 11:05 PM - 11:10 PM | 45.4 | 47.6 | 44.5 |
| 11:10 PM - 11:15 PM | 46.3 | 54.5 | 44.9 |
| 11:15 PM - 11:20 PM | 46.4 | 48.6 | 45.5 |
| 11:20 PM - 11:25 PM | 47.1 | 49.9 | 46.0 |
| 11:25 PM - 11:30 PM | 47.2 | 50.3 | 45.8 |
| 11:30 PM - 11:35 PM | 47.4 | 51.5 | 45.9 |
| 11:35 PM - 11:40 PM | 46.9 | 52.8 | 45.3 |
| 11:40 PM - 11:45 PM | 46.2 | 48.9 | 45.2 |
| 11:45 PM - 11:50 PM | 46.8 | 49.5 | 45.8 |
| 11:50 PM - 11:55 PM | 48.9 | 60.2 | 46.0 |
| 11:55 PM - 12:00 AM | 46.1 | 49.4 | 44.6 |
| 12:00 AM - 12:05 AM | 45.6 | 48.3 | 44.6 |
| 12:05 AM - 12:10 AM | 45.5 | 48.0 | 44.7 |
| 12:10 AM - 12:15 AM | 46.3 | 51.0 | 45.2 |
| 12:15 AM - 12:20 AM | 46.3 | 49.4 | 45.3 |
| 12:20 AM - 12:25 AM | 46.2 | 49.7 | 45.2 |
| 12:25 AM - 12:30 AM | 46.1 | 48.5 | 45.1 |

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Approved by

Wilawan Borirak
Manager

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673511-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 2 of 3

Sample No. 2351989-21
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 12:30 AM - 12:35 AM | 46.5 | 49.2 | 45.5 |
| 12:35 AM - 12:40 AM | 45.6 | 48.5 | 44.5 |
| 12:40 AM - 12:45 AM | 45.3 | 48.1 | 44.4 |
| 12:45 AM - 12:50 AM | 45.9 | 48.9 | 45.0 |
| 12:50 AM - 12:55 AM | 45.8 | 48.9 | 44.9 |
| 12:55 AM - 01:00 AM | 45.8 | 49.1 | 44.9 |
| 01:00 AM - 01:05 AM | 45.5 | 48.6 | 44.7 |
| 01:05 AM - 01:10 AM | 45.6 | 47.8 | 44.6 |
| 01:10 AM - 01:15 AM | 45.5 | 49.4 | 44.5 |
| 01:15 AM - 01:20 AM | 44.9 | 47.3 | 43.9 |
| 01:20 AM - 01:25 AM | 44.7 | 47.6 | 43.6 |
| 01:25 AM - 01:30 AM | 44.4 | 47.3 | 43.3 |
| 01:30 AM - 01:35 AM | 44.5 | 49.4 | 43.5 |
| 01:35 AM - 01:40 AM | 44.6 | 49.2 | 43.3 |
| 01:40 AM - 01:45 AM | 44.9 | 48.9 | 43.7 |
| 01:45 AM - 01:50 AM | 45.3 | 50.1 | 43.9 |
| 01:50 AM - 01:55 AM | 44.9 | 50.4 | 43.5 |
| 01:55 AM - 02:00 AM | 45.9 | 62.9 | 43.3 |
| 02:00 AM - 02:05 AM | 44.2 | 47.0 | 43.0 |
| 02:05 AM - 02:10 AM | 44.3 | 46.9 | 43.2 |
| 02:10 AM - 02:15 AM | 44.1 | 47.0 | 43.1 |
| 02:15 AM - 02:20 AM | 44.9 | 50.8 | 43.6 |
| 02:20 AM - 02:25 AM | 45.5 | 48.8 | 44.0 |
| 02:25 AM - 02:30 AM | 45.7 | 49.5 | 44.1 |
| 02:30 AM - 02:35 AM | 45.9 | 49.9 | 44.2 |
| 02:35 AM - 02:40 AM | 46.5 | 50.4 | 45.2 |
| 02:40 AM - 02:45 AM | 45.7 | 48.9 | 44.3 |
| 02:45 AM - 02:50 AM | 46.4 | 50.2 | 44.9 |
| 02:50 AM - 02:55 AM | 46.0 | 50.7 | 44.3 |
| 02:55 AM - 03:00 AM | 45.8 | 49.5 | 44.6 |
| 03:00 AM - 03:05 AM | 46.5 | 53.2 | 44.9 |
| 03:05 AM - 03:10 AM | 46.7 | 51.7 | 45.2 |
| 03:10 AM - 03:15 AM | 47.3 | 51.3 | 45.9 |
| 03:15 AM - 03:20 AM | 46.8 | 50.7 | 45.2 |
| 03:20 AM - 03:25 AM | 46.6 | 50.1 | 45.2 |
| 03:25 AM - 03:30 AM | 46.5 | 50.1 | 45.0 |
| 03:30 AM - 03:35 AM | 46.9 | 50.9 | 45.2 |
| 03:35 AM - 03:40 AM | 47.0 | 50.9 | 45.2 |
| 03:40 AM - 03:45 AM | 47.2 | 50.9 | 45.2 |
| 03:45 AM - 03:50 AM | 47.0 | 51.0 | 45.0 |

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2351989
Date Received : May 31, 2023
Date Reported : Jun 06, 2023
Report No. : 2673511-1

P/O :
Project Name : Khao Khan Song
Project Location :

Page 3 of 3

Sample No. 2351989-21
Parameter Noise
Location บริเวณประชิดฟาร์มไก่ บริษัท จีเอฟพีที จำกัด (มหาชน) (N3) (GPS 47P 0731683, 1446927) (Shut down)
Measurement Date May 29 - 30, 2023
Measurement by Jakkarin Manwicha
Sound Level Meter 00472126

| Time | Leq (dB(A)) | Lmax (dB(A)) | L90 (dB(A)) |
|---------------------|-------------|--------------|-------------|
| 03:50 AM - 03:55 AM | 46.8 | 50.7 | 44.6 |
| 03:55 AM - 04:00 AM | 46.9 | 50.4 | 44.5 |
| 04:00 AM - 04:05 AM | 46.9 | 50.6 | 44.5 |
| 04:05 AM - 04:10 AM | 46.2 | 51.4 | 43.8 |
| 04:10 AM - 04:15 AM | 46.0 | 49.5 | 43.6 |
| 04:15 AM - 04:20 AM | 45.5 | 49.0 | 42.7 |
| 04:20 AM - 04:25 AM | 44.9 | 48.7 | 42.2 |
| 04:25 AM - 04:30 AM | 44.7 | 50.0 | 42.2 |
| 04:30 AM - 04:35 AM | 44.6 | 48.4 | 42.3 |
| 04:35 AM - 04:40 AM | 44.5 | 48.3 | 42.2 |
| 04:40 AM - 04:45 AM | 44.7 | 48.6 | 42.1 |
| 04:45 AM - 04:50 AM | 44.5 | 49.7 | 41.8 |
| 04:50 AM - 04:55 AM | 43.0 | 46.5 | 41.7 |
| 04:55 AM - 05:00 AM | 42.6 | 46.0 | 41.3 |
| 05:00 AM - 05:05 AM | 43.3 | 52.6 | 41.2 |
| 05:05 AM - 05:10 AM | 42.2 | 45.7 | 40.9 |
| 05:10 AM - 05:15 AM | 41.6 | 44.6 | 40.6 |
| 05:15 AM - 05:20 AM | 41.5 | 44.8 | 40.7 |
| 05:20 AM - 05:25 AM | 40.6 | 43.6 | 40.1 |
| 05:25 AM - 05:30 AM | 43.7 | 62.5 | 40.9 |
| 05:30 AM - 05:35 AM | 40.9 | 43.3 | 40.5 |
| 05:35 AM - 05:40 AM | 41.9 | 47.8 | 40.9 |
| 05:40 AM - 05:45 AM | 41.7 | 43.5 | 41.2 |
| 05:45 AM - 05:50 AM | 41.6 | 44.2 | 40.5 |
| 05:50 AM - 05:55 AM | 46.5 | 61.7 | 40.6 |
| 05:55 AM - 06:00 AM | 40.7 | 44.9 | 40.0 |
| 06:00 AM - 07:00 AM | 48.7 | 75.4 | 42.2 |
| 07:00 AM - 08:00 AM | 46.3 | 68.3 | 41.7 |
| 08:00 AM - 09:00 AM | 48.1 | 69.0 | 39.8 |
| 09:00 AM - 10:00 AM | 46.3 | 71.8 | 38.2 |
| 10:00 AM - 11:00 AM | 57.1 | 86.8 | 42.8 |
| 11:00 AM - 12:00 PM | 51.2 | 79.1 | 45.1 |

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