

ภาคผนวก ค

ใบรับรองผลการวิเคราะห์

คุณภาพอากาศในบรรยากาศ



Analysis / Test Report

TESTING
No.0042

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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 : Nongyai
Project Location :

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Sample Number 2338630-1
Sample Date Apr 29, 2023
Sample Description Air Quality
Location โรงพ่นยาสดงเสริมคุณภาพด้านน้ำทางสูง (A1)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	29/04/23 - 30/04/23	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 *	29/04/23 - 30/04/23	mg/m3	-	0.005	0.018	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	29/04/23 - 30/04/23	mg/m3	-	0.002	0.041	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 : Panuwat Wangsong

Remark :
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Analysis / Test Report

TESTING
No.0042

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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 : Nongyai
Project Location :

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Sample Number 2338630-2
Sample Date Apr 30, 2023
Sample Description Air Quality
Location โรงพ่นยาสดงเสริมคุณภาพด้านน้ำทางสูง (A1)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	30/04/23 - 01/05/23	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 *	30/04/23 - 01/05/23	mg/m3	-	0.005	0.020	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	30/04/23 - 01/05/23	mg/m3	-	0.002	0.037	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :
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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-3
Sampled Date May 01, 2023
Sample Description Air Quality
Location โรงพ่นยาสดงเสริมสุขภาพตำบลบ้านวังสูง (A1)
Date Analysis Commenced May 10, 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 755 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 Particulate Matter as PM 2.5 * Total Suspended Particulate	01/05/23 - 02/05/23	mg/m3	-	0.002	0.046	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong
	01/05/23 - 02/05/23	mg/m3	-	0.005	0.023	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong
	01/05/23 - 02/05/23	mg/m3	-	0.002	0.050	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong

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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-4
Sampled Date May 02, 2023
Sample Description Air Quality
Location โรงพ่นยาสดงเสริมสุขภาพตำบลบ้านวังสูง (A1)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline Testing Location
Air Testing Particulate matter as PM 10 Particulate Matter as PM 2.5 * Total Suspended Particulate	02/05/23 - 03/05/23	mg/m3	-	0.002	0.031	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong
	02/05/23 - 03/05/23	mg/m3	-	0.005	0.019	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong
	02/05/23 - 03/05/23	mg/m3	-	0.002	0.045	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong

Guideline :

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Sampled By : Panuwat Wangbong

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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-5
Sampled Date May 03, 2023
Sample Description Air Quality
Location โรงพ่นยาสดงเสริมคุณภาพด้านน้ำทางสูง (A1)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing	Particulate matter as PM 10	mg/m ³	-	0.002	0.025	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	Particulate Matter as PM 2.5 *	mg/m ³	-	0.005	0.009	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	Total Suspended Particulate	mg/m ³	-	0.002	0.042	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Panuwat Wangbong

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-6
Sampled Date May 04, 2023
Sample Description Air Quality
Location โรงพ่นยาสดงเสริมคุณภาพด้านน้ำทางสูง (A1)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing	Particulate matter as PM 10	mg/m ³	-	0.002	0.026	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	Particulate Matter as PM 2.5 *	mg/m ³	-	0.005	0.009	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	Total Suspended Particulate	mg/m ³	-	0.002	0.040	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Panuwat Wangbong

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-7
Sampled Date May 05, 2023
Sample Description Air Quality
Location โรงพ่นยาสูบและสูดอากาศภายในห้าง (A1)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 33.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing 10 2.5 *	Particulate matter as PM	mg/m ³	-	0.002	0.035	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	Particulate Matter as PM	mg/m ³	-	0.005	0.020	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	Total Suspended Particulate	mg/m ³	-	0.002	0.063	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Panuwat Wangbong

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-8
Sampled Date Apr 29, 2023
Sample Description Air Quality
Location หมู่ที่ 4 บ้านพลูตากร ตำบลท่าสูง (A2)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing 10 2.5 *	Particulate matter as PM	mg/m ³	-	0.002	0.036	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	Particulate Matter as PM	mg/m ³	-	0.005	0.019	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	Total Suspended Particulate	mg/m ³	-	0.002	0.054	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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Sample Number	2338630-9
Sampled Date	Apr 30, 2023
Sample Description	Air Quality
Location	พื้นที่ 4 งานอุตสาหกรรม ตำบลท่าสูง (A2)
Date Analysis Commenced	May 10, 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	755 mmHg
Atmospheric Temperature	30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing	Particulate matter as PM 10	mg/m ³	-	0.002	0.030	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	Particulate Matter as PM 2.5 *	mg/m ³	-	0.005	0.020	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	Total Suspended Particulate	mg/m ³	-	0.002	0.042	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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P/O :

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Sample Number	2338630-10
Sampled Date	May 01, 2023
Sample Description	Air Quality
Location	พื้นที่ 4 งานอุตสาหกรรม ตำบลท่าสูง (A2)
Date Analysis Commenced	May 10, 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	755 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	mg/m ³	-	0.002	0.035	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	Particulate Matter as PM 2.5 *	mg/m ³	-	0.005	0.027	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	Total Suspended Particulate	mg/m ³	-	0.002	0.045	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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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 : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-11
Sampled Date May 02, 2023
Sample Description Air Quality
Location หมู่ที่ 4 บ้านพลูหลวง ตำบลท่าสูง (A2)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	02/05/23 - 03/05/23	mg/m3	-	0.002	0.030	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	02/05/23 - 03/05/23	mg/m3	-	0.005	0.012	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	02/05/23 - 03/05/23	mg/m3	-	0.002	0.050	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 : Panuwat Wangsong

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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-12
Sampled Date May 03, 2023
Sample Description Air Quality
Location หมู่ที่ 4 บ้านพลูหลวง ตำบลท่าสูง (A2)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	03/05/23 - 04/05/23	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 *	03/05/23 - 04/05/23	mg/m3	-	0.005	0.017	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	03/05/23 - 04/05/23	mg/m3	-	0.002	0.051	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 : Panuwat Wangsong

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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-13
Sampled Date May 04, 2023
Sample Description Air Quality
Location หมู่ที่ 4 บ้านพลูตากร ตำบลท่าสูง (A2)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	04/05/23 - 05/05/23	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 *	04/05/23 - 05/05/23	mg/m3	-	0.005	0.018	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	04/05/23 - 05/05/23	mg/m3	-	0.002	0.039	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)
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Sampled By : Panuwat Wangbong

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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-14
Sampled Date May 05, 2023
Sample Description Air Quality
Location หมู่ที่ 4 บ้านพลูตากร ตำบลท่าสูง (A2)
Date Analysis Commenced May 10, 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 755 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	05/05/23 - 06/05/23	mg/m3	-	0.002	0.023	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	05/05/23 - 06/05/23	mg/m3	-	0.005	0.020	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	05/05/23 - 06/05/23	mg/m3	-	0.002	0.041	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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P/O :
Project Name : Nongyai
Project Location :

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Sample Number 2338630-15
Sample Date Apr 29, 2023
Sample Description Air Quality
Location โรงงานอุตสาหกรรมอาหารสัตว์ (A3)
Date Analysis Commenced May 10, 2023
Condition of Sample Drawn into one filter paper placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 755 mmHg
Atmospheric Temperature 30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	29/04/23 - 30/04/23	mg/m3	-	0.002	0.026	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	29/04/23 - 30/04/23	mg/m3	-	0.005	0.019	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	29/04/23 - 30/04/23	mg/m3	-	0.002	0.050	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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P/O :
Project Name : Nongyai
Project Location :

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Sample Number 2338630-16
Sample Date Apr 30, 2023
Sample Description Air Quality
Location โรงงานอุตสาหกรรมอาหารสัตว์ (A3)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	30/04/23 - 01/05/23	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 *	30/04/23 - 01/05/23	mg/m3	-	0.005	0.018	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	30/04/23 - 01/05/23	mg/m3	-	0.002	0.051	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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Bangkok Thailand 10310
P/O :
Project Name : Nongyai
Project Location :

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Sample Number 2338630-17
Sampled Date May 01, 2023
Sample Description Air Quality
Location โรงงานอุตสาหกรรมอาหารสัตว์ (A3)
Date Analysis Commenced May 10, 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 755 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 Particulate Matter as PM 2.5 * Total Suspended Particulate	01/05/23 - 02/05/23	mg/m3	-	0.002	0.032	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	01/05/23 - 02/05/23	mg/m3	-	0.005	0.019	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
	01/05/23 - 02/05/23	mg/m3	-	0.002	0.061	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :
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P/O :
Project Name : Nongyai
Project Location :

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Sample Number 2338630-18
Sampled Date May 02, 2023
Sample Description Air Quality
Location โรงงานอุตสาหกรรมอาหารสัตว์ (A3)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing Particulate matter as PM 10 Particulate Matter as PM 2.5 * Total Suspended Particulate	02/05/23 - 03/05/23	mg/m3	-	0.002	0.026	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	02/05/23 - 03/05/23	mg/m3	-	0.005	0.011	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
	02/05/23 - 03/05/23	mg/m3	-	0.002	0.058	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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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 : Panuwat Wangbong

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P/O :
Project Name : Nongyai
Project Location :

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Sample Number 2338630-19
Sample Date May 03, 2023
Sample Description Air Quality
Location โรงงานอุตสาหกรรมอาหารสัตว์ (A3)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing Particulate matter as PM 10 Particulate Matter as PM 2.5 * Total Suspended Particulate	03/05/23 - 04/05/23	mg/m3	-	0.002	0.022	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	03/05/23 - 04/05/23	mg/m3	-	0.005	0.016	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
	03/05/23 - 04/05/23	mg/m3	-	0.002	0.050	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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P/O :
Project Name : Nongyai
Project Location :

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Sample Number 2338630-20
Sample Date May 04, 2023
Sample Description Air Quality
Location โรงงานอุตสาหกรรมอาหารสัตว์ (A3)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing Particulate matter as PM 10 Particulate Matter as PM 2.5 * Total Suspended Particulate	04/05/23 - 05/05/23	mg/m3	-	0.002	0.017	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	04/05/23 - 05/05/23	mg/m3	-	0.005	0.012	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
	04/05/23 - 05/05/23	mg/m3	-	0.002	0.040	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 : Panuwat Wangsong

Remark :
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- "≤" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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15952-21/BMAL



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 : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-21
Sample Date May 05, 2023
Sample Description Air Quality
Location โรงพ่นยาสูบส่งอากาศภายในอาคาร (A3)
Date Analysis Commenced May 10, 2023
Condition of Sample Drawn into one filter paper placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 755 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 2.5 *	05/05/23 - 06/05/23	mg/m3	-	0.002	0.041	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
					0.011	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
					0.070	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 : Panuwat Wangsong

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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 : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-22
Sample Date Apr 29, 2023
Sample Description Air Quality
Location หมู่ที่ 3 บ้านขาม ตำบลหนองไผ่แก้ว (A4)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing Particulate matter as PM 10 Particulate Matter as PM 2.5 *	29/04/23 - 30/04/23	mg/m3	-	0.002	0.027	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
					0.021	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
					0.049	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 : Panuwat Wangsong

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TESTING
No.0042

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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 : Nongyai
Project Location :

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Sample Number 2338630-23
Sampled Date Apr 30, 2023
Sample Description Air Quality
Location หมู่ที่ 3 บ้านป่าตัน ตำบลหนองไผ่แก้ว (A4)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 30.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing Particulate matter as PM 10 Particulate Matter as PM 2.5 * Total Suspended Particulate	30/04/23 - 01/05/23	mg/m3	-	0.002	0.012	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	30/04/23 - 01/05/23	mg/m3	-	0.005	0.009	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	30/04/23 - 01/05/23	mg/m3	-	0.002	0.017	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 : Panuwat Wangbong

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Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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 : Nongyai
Project Location :

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Sample Number 2338630-24
Sampled Date May 01, 2023
Sample Description Air Quality
Location หมู่ที่ 3 บ้านป่าตัน ตำบลหนองไผ่แก้ว (A4)
Date Analysis Commenced May 10, 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 755 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 Particulate Matter as PM 2.5 * Total Suspended Particulate	01/05/23 - 02/05/23	mg/m3	-	0.002	0.027	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	01/05/23 - 02/05/23	mg/m3	-	0.005	0.018	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	01/05/23 - 02/05/23	mg/m3	-	0.002	0.046	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 : Panuwat Wangbong

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P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

Page 25 of 28

Sample Number 2338630-25
Sampled Date May 02, 2023
Sample Description Air Quality
Location หมู่ที่ 3 บ้านป่าตัน ตำบลหนองไผ่แก้ว (A4)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	02/05/23 - 03/05/23	mg/m3	-	0.002	0.024	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	02/05/23 - 03/05/23	mg/m3	-	0.005	0.021	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	02/05/23 - 03/05/23	mg/m3	-	0.002	0.041	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 : Panuwat Wangbong

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Bangkok Thailand 10310
P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

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Sample Number 2338630-26
Sampled Date May 03, 2023
Sample Description Air Quality
Location หมู่ที่ 3 บ้านป่าตัน ตำบลหนองไผ่แก้ว (A4)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	03/05/23 - 04/05/23	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 *	03/05/23 - 04/05/23	mg/m3	-	0.005	0.005	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
Total Suspended Particulate	03/05/23 - 04/05/23	mg/m3	-	0.002	0.039	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 : Panuwat Wangbong

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Bangkok Thailand 10310
P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

Page 27 of 28

Sample Number 2338630-27
Sampled Date May 04, 2023
Sample Description Air Quality
Location หมู่ที่ 3 บ้านป่าตัน ตำบลหนองไผ่แก้ว (A4)
Date Analysis Commenced May 10, 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 755 mmHg
Atmospheric Temperature 31.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing	Particulate matter as PM 10	mg/m ³	-	0.002	0.018	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	Particulate Matter as PM 2.5 *	mg/m ³	-	0.005	0.009	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	Total Suspended Particulate	mg/m ³	-	0.002	0.035	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 : Panuwat Wangsong

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No.0042

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2034/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310
P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338630
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2614730-1

Page 28 of 28

Sample Number 2338630-28
Sampled Date May 05, 2023
Sample Description Air Quality
Location หมู่ที่ 3 บ้านป่าตัน ตำบลหนองไผ่แก้ว (A4)
Date Analysis Commenced May 10, 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 755 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	mg/m ³	-	0.002	0.021	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
	Particulate Matter as PM 2.5 *	mg/m ³	-	0.005	0.018	0.05	US EPA 40 CFR Part 50, Appendix L	NEB Rayong	
	Total Suspended Particulate	mg/m ³	-	0.002	0.045	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 : Panuwat Wangsong

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

P/O :

Project Name : Nongyai

Project Location :

Lot ID: 2338626
Date Received : May 08, 2023
Date Reported : May 12, 2023
Report Number: 2614722-1

Page 1 of 1

Sample Description		Air Quality									
Location	Parameter	หมู่ที่ 3 บ้านดอน ต.หนองบัวลำภู อ.กันทรวิชัย จ.มหาสารคาม (A4)									
Measurement Date	Measurement by	Apr 29, 2023 - May 06, 2023 Panuwat Wangbong									

		2338626-22	2338626-23	2338626-24	2338626-25	2338626-26	2338626-27	2338626-28
Time		Apr 29, 2023	Apr 30, 2023	May 01, 2023	May 02, 2023	May 03, 2023	May 04, 2023	May 05, 2023
10:00 AM - 11:00 AM		0.003	<0.001	0.005	0.003	0.003	0.003	0.002
11:00 AM - 12:00 PM		0.003	<0.001	0.005	0.004	0.003	0.009	0.006
12:00 PM - 01:00 PM		0.002	0.002	0.003	0.004	0.002	0.004	0.002
01:00 PM - 02:00 PM		0.003	0.003	0.002	0.002	0.003	0.004	0.003
02:00 PM - 03:00 PM		0.002	0.003	0.001	0.003	0.005	0.003	0.004
03:00 PM - 04:00 PM		0.003	0.005	0.002	0.003	0.004	0.003	0.003
04:00 PM - 05:00 PM		0.004	0.010	0.002	0.003	0.006	0.004	0.004
05:00 PM - 06:00 PM		0.005	0.003	0.003	0.002	0.003	0.003	0.004
06:00 PM - 07:00 PM		0.005	0.008	0.004	0.003	0.004	0.005	0.004
07:00 PM - 08:00 PM		0.008	0.007	0.005	0.003	0.005	0.010	0.005
08:00 PM - 09:00 PM		0.006	0.003	0.007	0.005	0.009	0.010	0.006
09:00 PM - 10:00 PM		0.006	0.006	0.004	0.005	0.006	0.004	0.007
10:00 PM - 11:00 PM		0.005	0.005	0.002	0.004	0.005	0.003	0.006
11:00 PM - 12:00 AM		0.002	0.005	0.004	0.004	0.005	0.004	0.004
12:00 AM - 01:00 AM		0.005	0.005	0.005	0.006	0.004	0.004	0.006
01:00 AM - 02:00 AM		0.006	0.004	0.003	0.006	0.004	0.003	0.004
02:00 AM - 03:00 AM		0.006	0.005	0.002	0.004	0.005	0.003	0.004
03:00 AM - 04:00 AM		0.004	0.003	0.005	0.004	0.003	0.003	0.004
04:00 AM - 05:00 AM		0.002	0.002	0.002	0.002	0.004	0.002	0.002
05:00 AM - 06:00 AM		0.002	0.002	0.002	0.002	0.004	0.002	0.003
06:00 AM - 07:00 AM		0.002	0.002	0.002	0.001	0.004	0.002	0.004
07:00 AM - 08:00 AM		0.002	0.002	0.002	0.002	0.002	0.002	0.002
08:00 AM - 09:00 AM		0.001	0.002	0.003	0.001	0.002	0.002	0.003
09:00 AM - 10:00 AM		<0.001	0.002	0.004	0.003	0.004	0.001	0.004
Average		0.004	0.004	0.003	0.003	0.004	0.004	0.004
1hr - Maximum		0.008	0.010	0.007	0.006	0.009	0.010	0.007
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 EPA Method Part 50 App. F (Chemiluminescence)

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S:\Report\Air SONOX.rpt (6:38PM)



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 : Nongyai

Project Location :

Lot ID: 2338626
Date Received : May 08, 2023
Date Reported : May 12, 2023
Report Number: 2649359-1

Page 1 of 1

Sample Description		Air Quality									
Location	Parameter	โรงงานอุตสาหกรรมสุภาพเภสัชภัณฑ์ (A1)									
Measurement Date	Measurement by	Apr 29, 2023 - May 06, 2023 Panuwat Wangbong									

		2338626-1	2338626-2	2338626-3	2338626-4	2338626-5	2338626-6	2338626-7
Time		Apr 29, 2023	Apr 30, 2023	May 01, 2023	May 02, 2023	May 03, 2023	May 04, 2023	May 05, 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	0.002	<0.001	<0.001	<0.001	<0.001
06:00 PM - 07:00 PM		<0.001	<0.001	<0.001	0.002	<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	0.002	<0.001	<0.001	<0.001
09:00 PM - 10:00 PM		<0.001	<0.001	<0.001	0.003	<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	0.002	<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	0.002	<0.001	<0.001
Average		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1hr - Maximum		0.001	0.002	0.002	0.003	0.002	<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 EPA Method 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 : Nongyai

Project Location :

Lot ID: 2338626
Date Received : May 08, 2023
Date Reported : May 12, 2023
Report Number: 2649361-1

Page 1 of 1

Sample Description		Air Quality									
Location	Parameter	ตัวอย่างอากาศจากพื้นที่งาน (A2)									
Measurement Date	Measurement by	Nitrogen dioxide (ppm)									
		Apr 29, 2023 - May 06, 2023									
		Panuwat Wangbong									

		2338626-8		2338626-9		2338626-10		2338626-11		2338626-12		2338626-13		2338626-14	
		Apr 29, 2023		Apr 30, 2023		May 01, 2023		May 02, 2023		May 03, 2023		May 04, 2023		May 05, 2023	
Time															
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		0.002		<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		0.002		<0.001		0.002		<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		0.002		0.002		<0.001	
09:00 PM - 10:00 PM		<0.001		<0.001		<0.001		<0.001		<0.001		<0.001		0.002	
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		0.002		<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		0.002		0.001	
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		<0.001		<0.001		<0.001	
11:00 AM - 12:00 PM		<0.001		<0.001		0.002		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		0.002		0.002		0.001		0.002		0.002	
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 EPA Method 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 : Nongyai

Project Location :

Lot ID: 2338626
Date Received : May 08, 2023
Date Reported : May 12, 2023
Report Number: 2649364-1

Page 1 of 1

Sample Description		Air Quality									
Location	Parameter	ตัวอย่างอากาศจากพื้นที่งาน (A3)									
Measurement Date	Measurement by	Nitrogen dioxide (ppm)									
		Apr 29, 2023 - May 06, 2023									
		Panuwat Wangbong									

		2338626-15		2338626-16		2338626-17		2338626-18		2338626-19		2338626-20		2338626-21	
		Apr 29, 2023		Apr 30, 2023		May 01, 2023		May 02, 2023		May 03, 2023		May 04, 2023		May 05, 2023	
Time															
09:00 AM - 10:00 AM		0.007		0.012		0.005		0.009		0.011		0.009		0.008	
10:00 AM - 11:00 AM		0.016		0.010		0.008		0.010		0.010		0.009		0.010	
11:00 AM - 12:00 PM		0.010		0.008		0.012		0.010		0.009		0.008		0.011	
12:00 PM - 01:00 PM		0.015		0.011		0.011		0.006		0.012		0.009		0.011	
01:00 PM - 02:00 PM		0.010		0.014		0.010		0.006		0.014		0.013		0.010	
02:00 PM - 03:00 PM		0.010		0.012		0.008		0.009		0.014		0.012		0.009	
03:00 PM - 04:00 PM		0.010		0.011		0.009		0.010		0.011		0.007		0.009	
04:00 PM - 05:00 PM		0.012		0.011		0.010		0.010		0.007		0.005		0.008	
05:00 PM - 06:00 PM		0.011		0.009		0.010		0.010		0.007		0.005		0.006	
06:00 PM - 07:00 PM		0.014		0.014		0.009		0.010		0.006		0.005		0.006	
07:00 PM - 08:00 PM		0.013		0.012		0.008		0.010		0.005		0.005		0.005	
08:00 PM - 09:00 PM		0.008		0.011		0.008		0.008		0.006		0.004		0.005	
09:00 PM - 10:00 PM		0.005		0.010		0.007		0.008		0.006		0.004		0.004	
10:00 PM - 11:00 PM		0.004		0.008		0.007		0.007		0.005		0.005		0.004	
11:00 PM - 12:00 AM		0.004		0.008		0.006		0.007		0.005		0.004		0.006	
12:00 AM - 01:00 AM		0.004		0.006		0.006		0.007		0.009		0.005		0.007	
01:00 AM - 02:00 AM		0.006		0.006		0.005		0.007		0.008		0.005		0.006	
02:00 AM - 03:00 AM		0.007		0.004		0.007		0.007		0.006		0.005		0.006	
03:00 AM - 04:00 AM		0.007		0.007		0.006		0.006		0.008		0.006		0.006	
04:00 AM - 05:00 AM		0.008		0.010		0.007		0.006		0.006		0.006		0.006	
05:00 AM - 06:00 AM		0.005		0.007		0.008		0.007		0.010		0.008		0.006	
06:00 AM - 07:00 AM		0.006		0.005		0.008		0.008		0.010		0.008		0.008	
07:00 AM - 08:00 AM		0.007		0.004		0.010		0.010		0.009		0.008		0.008	
08:00 AM - 09:00 AM		0.007		0.005		0.007		0.009		0.009		0.008		0.005	
Average		0.009		0.009		0.008		0.008		0.009		0.007		0.007	
1hr - Maximum		0.016		0.014		0.012		0.010		0.014		0.013		0.011	
Standard 1hr - Average		0.170		0.170		0.170		0.170		0.170		0.170		0.170	



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 : Nongyai

Project Location :

Lot ID: 2338628
Date Received : May 08, 2023
Date Reported : May 12, 2023
Report Number: 2614726-1

Page 1 of 1

Sample Description	Air Quality									
Location	หมู่ที่ 3 บ้านดอน ชุมชนนาโพธิ์สามต้น (A4)									
Parameter	Sulfur Dioxide (ppm)									
Measurement Date	Apr 29, 2023 - May 06, 2023									
Measurement by	Panuwat Wangbong									

Time	2338628-22	2338628-23	2338628-24	2338628-25	2338628-26	2338628-27	2338628-28
10:00 AM - 11:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
11:00 AM - 12:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
12:00 PM - 01:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01:00 PM - 02:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02:00 PM - 03:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03:00 PM - 04:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04:00 PM - 05:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05:00 PM - 06:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
06:00 PM - 07:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
07:00 PM - 08:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 PM - 09:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
09:00 PM - 10:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
10:00 PM - 11:00 PM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
11:00 PM - 12:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
12:00 AM - 01:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
01:00 AM - 02:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
02:00 AM - 03:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
03:00 AM - 04:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
04:00 AM - 05:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
05:00 AM - 06:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
06:00 AM - 07:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
07:00 AM - 08:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
08:00 AM - 09:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
09:00 AM - 10:00 AM	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Average	0.004	0.004	0.004	0.004	0.004	0.004	0.004
1hr - Maximum	0.004	0.004	0.004	0.004	0.004	0.004	0.004
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	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Reference Method	: 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). ALS Laboratory Group (Thailand) Co., Ltd. An ALS Limited Company						

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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 : Nongyai

Project Location :

Lot ID: 2338628
Date Received : May 08, 2023
Date Reported : May 12, 2023
Report Nuf ber: 264936-m

Page 1 of 1

Sample Description	Air Quality									
Location	หมู่ที่ 3 บ้านดอน ชุมชนนาโพธิ์สามต้น (A4)									
Parameter	Vulgar Dio7/de)ppr x									
Measurement Date	Apr 29, 2023 mMay 06, 2023									
Measurement by	Panuwat < angbong									

Time	2338628m	2338628m	2338628m	2338628m	2338628m	2338628m	2338628m
11:00 AM m2:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
12:00 PM m2:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
01:00 PM m2:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
02:00 PM m3:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
03:00 PM m4:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
04:00 PM m5:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
05:00 PM m6:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
06:00 PM m7:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
07:00 PM m8:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
08:00 PM m9:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
09:00 PM m10:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
10:00 PM m11:00 PM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
11:00 PM m12:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
12:00 AM m1:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
01:00 AM m2:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
02:00 AM m3:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
03:00 AM m4:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
04:00 AM m5:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
05:00 AM m6:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
06:00 AM m7:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
07:00 AM m8:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
08:00 AM m9:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
09:00 AM m10:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
10:00 AM m11:00 AM	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
Average	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001	S.0001
1hr mMax7if uf	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Standard 1hr mAverage	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs mAverage	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Standard	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Reference Method	: Notification of the National Environment Board No.10, 1995 (B.E.2538), No. 21, 2001 (B.E.2544x and No.24, 2004 (B.E.254-x ALS Laboratory Group (Thailand) Co., Ltd. An ALS Limited Company						

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Approved by

Savanya C.

Waranya Chalerf thaf rong
Scientist Jx

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Analysis / Test Report

Lot ID: 2338628

Date Received : May 08, 2023
Date Reported : May 12, 2023
Report Number: 2649369-1

P/O :

Project Name : Nongyai

Project Location :

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 : Nongyai

Project Location :

Analysis / Test Report

Lot ID: 2338628

Date Received : May 08, 2023
Date Reported : May 12, 2023
Report Number: 2649378-1

P/O :

Project Name : Nongyai

Project Location :

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 : Nongyai

Project Location :

Sample Description		Air Quality			
Location		พืฒ 4 บ้านอุบลราชฯ ตำบลวังทอง (A2)			
Parameter		Sulfur Dioxide (ppm)			
Measurement Date		Apr 29, 2023 - May 06, 2023			
Measurement by		Panuwat Wangbong			
		2338628-8	2338628-9	2338628-10	2338628-11
Time		Apr 29, 2023	Apr 30, 2023	May 01, 2023	May 02, 2023
		2338628-12	2338628-13	2338628-14	
		May 03, 2023	May 04, 2023	May 05, 2023	

12:00 PM - 01:00 PM	0.001	0.001	0.002	0.001	0.001	0.002	0.001	0.002	0.002
01:00 PM - 02:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
02:00 PM - 03:00 PM	0.001	0.002	0.001	0.001	0.001	0.001	0.002	0.001	0.001
03:00 PM - 04:00 PM	0.002	0.001	0.002	0.001	0.001	0.002	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	0.001	0.001
05:00 PM - 06:00 PM	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001
06:00 PM - 07:00 PM	0.001	0.001	0.002	0.001	0.001	0.002	0.001	0.001	0.002
07:00 PM - 08:00 PM	0.001	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.002
08:00 PM - 09:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
09:00 PM - 10:00 PM	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002
10:00 PM - 11:00 PM	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002
11:00 PM - 12:00 AM	0.001	0.002	0.002	0.001	0.001	0.002	0.001	0.002	0.002
12:00 AM - 01:00 AM	0.002	0.002	0.001	0.002	0.001	0.001	0.001	0.001	0.001
01:00 AM - 02:00 AM	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001
02:00 AM - 03:00 AM	0.002	0.001	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	0.002	0.001	0.001	0.002	0.001
04:00 AM - 05:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
05:00 AM - 06:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
06:00 AM - 07:00 AM	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002
07:00 AM - 08:00 AM	0.002	0.002	0.002	0.001	0.001	0.002	0.001	0.001	0.002
08:00 AM - 09:00 AM	0.002	0.001	0.002	0.001	0.002	0.001	0.001	0.001	0.001
09:00 AM - 10:00 AM	0.002	0.001	0.001	0.001	0.002	0.001	0.002	0.001	0.001
10:00 AM - 11:00 AM	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
11:00 AM - 12:00 PM	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
Average	0.001	0.001	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	0.002	0.002	0.002
Standard 1hr - Average	0.3	0.3	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	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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Approved by

Savanya C.

Saranya Chalerthamrong
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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 : Nongyai

Project Location :

Lot ID: 2338628

Date Received : May 08, 2023
Date Reported : May 12, 2023
Report Number: 2649378-1

P/O :

Project Name : Nongyai

Project Location :

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 : Nongyai

Project Location :

Sample Description		Air Quality			
Location		โรงพยาบาลส่งเสริมสุขภาพตำบลบ้านหัวมอระ (A3)			
Parameter		Sulfur Dioxide (ppm)			
Measurement Date		Apr 29, 2023 - May 06, 2023			
Measurement by		Panuwat Wangbong			
Time		2338628-15	2338628-16	2338628-17	2338628-18
		Apr 29, 2023	Apr 30, 2023	May 01, 2023	May 02, 2023

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Approved by

Savanya C.

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ระดับเสียง



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644000-1



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 : Nongyai
Project Location :

Page 1 of 1

Sample Number : 2338634-1
Parameter : Noise (Leq 24 hrs.)
Location : โรงงานก่อสร้างศูนย์พัฒนาบ้านฟ้าสูง (N1)
Measurement Date : Apr 29 - Apr 30, 2023
Measurement by : Panuwat Wangbong
Sound Level meter : Serial No. 472132

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	50.0	75.5	42.2
12:00 PM - 01:00 PM	55.4	82.4	37.0
01:00 PM - 02:00 PM	54.2	82.8	38.1
02:00 PM - 03:00 PM	58.4	88.2	47.1
03:00 PM - 04:00 PM	62.6	92.0	54.8
04:00 PM - 05:00 PM	64.7	95.0	59.4
05:00 PM - 06:00 PM	57.4	89.0	53.8
06:00 PM - 07:00 PM	60.4	90.5	53.5
07:00 PM - 08:00 PM	54.9	73.6	53.2
08:00 PM - 09:00 PM	54.1	72.3	53.0
09:00 PM - 10:00 PM	54.7	78.6	53.0
10:00 PM - 11:00 PM	55.7	76.0	52.8
11:00 PM - 12:00 AM	59.0	76.5	53.1
12:00 AM - 01:00 AM	59.6	76.9	53.0
01:00 AM - 02:00 AM	59.1	79.9	52.8
02:00 AM - 03:00 AM	61.3	76.5	53.2
03:00 AM - 04:00 AM	62.4	78.1	51.7
04:00 AM - 05:00 AM	65.8	81.5	52.5
05:00 AM - 06:00 AM	60.5	74.8	49.0
06:00 AM - 07:00 AM	56.9	83.7	50.5
07:00 AM - 08:00 AM	56.9	84.5	50.1
08:00 AM - 09:00 AM	54.7	80.9	49.0
09:00 AM - 10:00 AM	52.9	77.0	47.9
10:00 AM - 11:00 AM	63.1	93.9	54.9

Leq Average 24 hrs. (dB(A))	59.8
Lmax (dB(A))	95.0
L90 (dB(A))	52.8
Ldn (dB(A))	67.2
Standard (dB(A))	70

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่าระดับเสียงตามมาตรฐานของพื้นที่อยู่อาศัย
2. ประกาศกระทรวงสาธารณสุข เรื่อง ค่าระดับเสียงตามมาตรฐานของพื้นที่อยู่อาศัย
3. ประกาศกระทรวงสาธารณสุข เรื่อง ค่าระดับเสียงตามมาตรฐานของพื้นที่อยู่อาศัย

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Tharitak.

Technical Management

Thantita Kulsuriwong
Scientist (4)

Approved by

Supot Salameth
Section Head

Supot S.

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TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644001-1



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 : Nongyai
Project Location :

Page 1 of 1

Sample Number : 2338634-2
Parameter : Noise (Leq 24 hrs.)
Location : โรงงานก่อสร้างศูนย์พัฒนาบ้านฟ้าสูง (N1)
Measurement Date : Apr 30 - May 01, 2023
Measurement by : Panuwat 9 angbong
Sound Level meter : Verial No. 452132

Time	Leq (dB(A))	Lmax (dB(A))	Lx0 (dB(A))
11:00 AM - 12:00 PM	63.5	x6.3	55.4
12:00 PM - 01:00 PM	60.0	x0.0	53.4
01:00 PM - 02:00 PM	61.1	86.5	56.4
02:00 PM - 03:00 PM	55.1	85.3	54.8
03:00 PM - 04:00 PM	55.3	52.5	53.5
04:00 PM - 05:00 PM	56.6	82.4	52.6
05:00 PM - 06:00 PM	55.8	82.1	52.3
06:00 PM - 07:00 PM	55.5	53.3	53.3
07:00 PM - 08:00 PM	54.1	52.6	52.4
08:00 PM - 09:00 PM	55.8	82.8	52.3
09:00 PM - 10:00 PM	53.8	51.4	51.4
10:00 PM - 11:00 PM	52.6	66.5	51.5
11:00 PM - 12:00 AM	53.1	64.4	51.5
12:00 AM - 01:00 AM	53.6	64.5	51.4
01:00 AM - 02:00 AM	54.1	64.0	52.8
02:00 AM - 03:00 AM	54.0	53.2	52.5
03:00 AM - 04:00 AM	53.3	61.0	52.4
04:00 AM - 05:00 AM	54.3	62.3	52.8
05:00 AM - 06:00 AM	62.1	51.6	55.5
06:00 AM - 07:00 AM	60.2	86.4	52.5
07:00 AM - 08:00 AM	56.5	84.6	51.8
08:00 AM - 09:00 AM	61.2	85.0	51.5
09:00 AM - 10:00 AM	54.5	52.4	50.5
10:00 AM - 11:00 AM	55.5	85.5	50.8

Leq Average 24 hrs. (dB(A))	55.4
Lmax (dB(A))	x6.3
Lx0 (dB(A))	52.4
Ldn (dB(A))	63.5
Standard (dB(A))	115

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่าระดับเสียงตามมาตรฐานของพื้นที่อยู่อาศัย
2. ประกาศกระทรวงสาธารณสุข เรื่อง ค่าระดับเสียงตามมาตรฐานของพื้นที่อยู่อาศัย
3. ประกาศกระทรวงสาธารณสุข เรื่อง ค่าระดับเสียงตามมาตรฐานของพื้นที่อยู่อาศัย

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 15025.

Tharitak.

Technical Management

Thantita Kulsuriwong
Scientist (4)

Approved by

Supot Salameth
Section Head

Supot S.

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TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644002-1



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 : Nongyai

Project Location :

Page 1 of 1

Sample Number : 2338634-3
Parameter : Noise (Leq 24 hrs.)
Location : โรงงานก่อสร้างศูนย์พัฒนาบ้านฟ้าสูง (N1)
Measurement Date : May 01 - May 02, 2023
Measurement by : Panuwat 9 angbong
Sound Level meter : Verial No. 452132

Time	Leq (dB(A))	Lma7 (dB(A))	Lx0 (dB(A))
11:00 AM - 12:00 PM	53.5	54.8	50.0
12:00 PM - 01:00 PM	52.5	68.4	50.1
01:00 PM - 02:00 PM	53.5	80.6	48.4
02:00 PM - 03:00 PM	52.5	50.5	48.2
03:00 PM - 04:00 PM	55.5	81.x	50.5
04:00 PM - 05:00 PM	54.8	58.5	50.1
05:00 PM - 06:00 PM	55.1	82.1	50.3
06:00 PM - 07:00 PM	55.0	80.3	50.6
07:00 PM - 08:00 PM	58.0	86.1	53.5
08:00 PM - 09:00 PM	55.4	53.5	53.0
09:00 PM - 10:00 PM	54.3	50.4	52.1
10:00 PM - 11:00 PM	53.2	66.0	51.6
11:00 PM - 12:00 AM	52.4	64.6	51.4
12:00 AM - 01:00 AM	53.6	68.1	51.8
01:00 AM - 02:00 AM	53.x	68.5	51.5
02:00 AM - 03:00 AM	53.8	68.2	51.5
03:00 AM - 04:00 AM	53.3	66.8	51.3
04:00 AM - 05:00 AM	52.6	64.2	51.1
05:00 AM - 06:00 AM	52.8	65.3	51.2
06:00 AM - 07:00 AM	55.3	84.3	51.x
07:00 AM - 08:00 AM	60.5	85.0	50.5
08:00 AM - 09:00 AM	52.5	54.2	48.5
09:00 AM - 10:00 AM	51.5	60.6	48.1
10:00 AM - 11:00 AM	51.5	54.0	48.8

Leq Average 24 hrs. (dB(A)) : 54.8
Lma7 (dB(A)) : 85.0
Lx0 (dB(A)) : 50.6
Ldn (dB(A)) : 60.6
Wandard (dB(A)) : 115

Reference Method : IW01xx6-1 and 1xx6-2
Wandard : 1. วิธีการทดสอบการสั่นสะเทือนแบบพกพา ณระดับ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. วิธีการตรวจวัดเสียงตามกรม ซึ่งกำหนดระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ร.บ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the IVO/IEC 15025.

Tharitat.

Technical Management

Thantita Kulsuriwong
Scientist (4)

Approved by

Wipot Vilameth
Section Head

Supt S.

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TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644003-1



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 : Nongyai

Project Location :

Page 1 of 1

Sample Number : 2338634-4
Parameter : Noise (Leq 24 hrs.)
Location : โรงงานก่อสร้างศูนย์พัฒนาบ้านฟ้าสูง (N1)
Measurement Date : May 02 - May 03, 2023
Measurement by : Panuwat 9 angbong
Sound Level meter : Verial No. 452132

Time	Leq (dB(A))	Lma7 (dB(A))	Lx0 (dB(A))
11:00 AM - 12:00 PM	52.4	5x.8	48.x
12:00 PM - 01:00 PM	52.5	56.4	48.8
01:00 PM - 02:00 PM	53.x	55.5	50.3
02:00 PM - 03:00 PM	54.4	55.2	50.3
03:00 PM - 04:00 PM	54.8	83.0	50.5
04:00 PM - 05:00 PM	55.2	80.3	51.1
05:00 PM - 06:00 PM	55.6	5x.4	51.4
06:00 PM - 07:00 PM	56.8	86.8	50.x
07:00 PM - 08:00 PM	54.1	56.5	50.5
08:00 PM - 09:00 PM	52.2	53.5	50.8
09:00 PM - 10:00 PM	51.5	53.4	50.6
10:00 PM - 11:00 PM	51.x	64.5	50.5
11:00 PM - 12:00 AM	52.x	6x.5	51.1
12:00 AM - 01:00 AM	51.x	65.5	50.x
01:00 AM - 02:00 AM	52.1	55.6	51.0
02:00 AM - 03:00 AM	52.3	55.x	50.x
03:00 AM - 04:00 AM	53.1	60.1	51.4
04:00 AM - 05:00 AM	52.2	5x.2	50.8
05:00 AM - 06:00 AM	52.4	5x.8	50.8
06:00 AM - 07:00 AM	52.8	58.5	51.5
07:00 AM - 08:00 AM	53.2	65.6	51.5
08:00 AM - 09:00 AM	53.x	50.6	52.5
09:00 AM - 10:00 AM	55.8	54.8	55.x
10:00 AM - 11:00 AM	56.4	55.8	53.6

Leq Average 24 hrs. (dB(A)) : 54.3
Lma7 (dB(A)) : 86.8
Lx0 (dB(A)) : 50.x
Ldn (dB(A)) : 5x.3
Wandard (dB(A)) : 115

Reference Method : IW01xx6-1 and 1xx6-2
Wandard : 1. วิธีการทดสอบการสั่นสะเทือนแบบพกพา ณระดับ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. วิธีการตรวจวัดเสียงตามกรม ซึ่งกำหนดระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ร.บ. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the IVO/IEC 15025.

Tharitat.

Technical Management

Thantita Kulsuriwong
Scientist (4)

Approved by

Wipot Vilameth
Section Head

Supt S.

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S:\Reports_Air Noise pr (3.66PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644004-1



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 : Nongyai
Project Location :

Page 1 of 1

Sample Number : 2338634-5
Parameter : Noise (Leq 24 hrs.)
Location : โรงงานอุตสาหกรรมย่านสวนพาลาญง (N1)
Measurement Date : May 03 - May 04, 2023
Measurement by : Panuwat 9 angbong
Sound Level meter : Verial No. 452132

Time	Leq (dB(A))	Lma7 (dB(A))	Lx0 (dB(A))
11:00 AM - 12:00 PM	55.0	5x.x	50.5
12:00 PM - 01:00 PM	55.0	55.8	4x.5
01:00 PM - 02:00 PM	53.3	54.4	50.6
02:00 PM - 03:00 PM	55.x	81.3	50.5
03:00 PM - 04:00 PM	52.5	53.1	4x.6
04:00 PM - 05:00 PM	53.3	58.x	48.5
05:00 PM - 06:00 PM	53.2	58.6	4x.1
06:00 PM - 07:00 PM	55.8	83.5	4x.5
07:00 PM - 08:00 PM	53.8	82.x	50.4
08:00 PM - 09:00 PM	51.5	62.x	50.4
09:00 PM - 10:00 PM	52.8	58.5	50.6
10:00 PM - 11:00 PM	51.x	52.3	50.6
11:00 PM - 12:00 AM	51.5	64.0	50.5
12:00 AM - 01:00 AM	51.5	65.1	50.5
01:00 AM - 02:00 AM	51.8	56.0	50.x
02:00 AM - 03:00 AM	52.1	58.5	50.x
03:00 AM - 04:00 AM	52.0	55.0	50.x
04:00 AM - 05:00 AM	51.x	60.1	50.x
05:00 AM - 06:00 AM	56.8	85.6	51.8
06:00 AM - 07:00 AM	56.1	80.4	51.3
07:00 AM - 08:00 AM	58.2	84.4	50.6
08:00 AM - 09:00 AM	60.2	88.2	50.2
09:00 AM - 10:00 AM	54.0	58.0	51.4
10:00 AM - 11:00 AM	54.3	5x.2	4x.4

Leq Average 24 hrs. (dB(A))	54.6
Lma7 (dB(A))	88.2
Lx0 (dB(A))	50.6
Ldn (dB(A))	60.1
Wandard (dB(A))	115

Reference Method : IW01xx6-1 and 1xx6-2
Wandard : 1. วิธีการทดสอบการสั่นสะเทือนแบบพกพา ณระดับ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. วิธีการตรวจวัดเสียงตามกรณี ซึ่งกำหนดระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการรบกวนการ

Remark : The laboratory has been accepted as an accredited laboratory complying with the IVO/IEC 15025.

Tharitat.

Technical Management

Thantia Kulsuriwong
Wentist (4)

Approved by

Wipot Wiamteah
Wention Head

Supt S.

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S:\Reports_Air Noise pr (3.65PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644005-1



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 : Nongyai
Project Location :

Page 1 of 1

Sample Number : 2338634-6
Parameter : Noise (Leq 24 hrs.)
Location : โรงงานอุตสาหกรรมย่านสวนพาลาญง (N1)
Measurement Date : May 04 - May 05, 2023
Measurement by : Panuwat 9 angbong
Sound Level meter : Verial No. 452132

Time	Leq (dB(A))	Lma7 (dB(A))	Lx0 (dB(A))
11:00 AM - 12:00 PM	54.0	55.0	48.8
12:00 PM - 01:00 PM	54.8	80.1	48.5
01:00 PM - 02:00 PM	53.x	56.5	4x.0
02:00 PM - 03:00 PM	56.0	58.x	50.6
03:00 PM - 04:00 PM	53.6	54.6	4x.1
04:00 PM - 05:00 PM	53.5	55.x	48.8
05:00 PM - 06:00 PM	55.1	56.5	4x.6
06:00 PM - 07:00 PM	56.2	82.0	4x.5
07:00 PM - 08:00 PM	51.5	53.0	4x.x
08:00 PM - 09:00 PM	51.5	66.4	50.2
09:00 PM - 10:00 PM	52.0	6x.3	50.5
10:00 PM - 11:00 PM	52.0	5x.1	50.0
11:00 PM - 12:00 AM	52.5	55.8	50.3
12:00 AM - 01:00 AM	51.5	56.8	50.5
01:00 AM - 02:00 AM	52.0	55.5	50.5
02:00 AM - 03:00 AM	52.5	5x.1	51.5
03:00 AM - 04:00 AM	52.1	68.8	50.5
04:00 AM - 05:00 AM	52.3	65.4	50.x
05:00 AM - 06:00 AM	58.5	84.0	51.8
06:00 AM - 07:00 AM	55.4	58.6	51.5
07:00 AM - 08:00 AM	60.0	88.3	4x.5
08:00 AM - 09:00 AM	58.0	84.2	4x.5
09:00 AM - 10:00 AM	54.5	83.3	48.8
10:00 AM - 11:00 AM	53.2	5x.4	4x.8

Leq Average 24 hrs. (dB(A))	54.x
Lma7 (dB(A))	88.3
Lx0 (dB(A))	4x.x
Ldn (dB(A))	60.8
Wandard (dB(A))	115

Reference Method : IW01xx6-1 and 1xx6-2
Wandard : 1. วิธีการทดสอบการสั่นสะเทือนแบบพกพา ณระดับ 15 (พ.ศ. 2540) ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. วิธีการตรวจวัดเสียงตามกรณี ซึ่งกำหนดระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการรบกวนการ

Remark : The laboratory has been accepted as an accredited laboratory complying with the IVO/IEC 15025.

Tharitat.

Technical Management

Thantia Kulsuriwong
Wentist (4)

Approved by

Wipot Wiamteah
Wention Head

Supt S.

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S:\Reports_Air Noise pr (3.65PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644006-1



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 : Nongyai

Project Location :

Sample Number : 2338634(

Parameter : Noise d(e) 24 hrs.9

Location : โรงงานผลิตสิ่งทออุตสาหกรรมย่านบางนาทางออก qN19

Measurement Date : May 05 - May 06, 2023

Measurement by : Panuwat Wangbong

Sound Level meter : Serial No. 4(2132

Page 1 of 1

Time	Le) dB(A)99	Lna7 dB(A)99	Lx0 dB(A)99
11:00 AM - 12:00 PM	56.0	80.4	4x.4
12:00 PM - 01:00 PM	53.2	(1.0	48.8
01:00 PM - 02:00 PM	58.3	8(,3	4x.1
02:00 PM - 03:00 PM	53.8	(6.8	4x.3
03:00 PM - 04:00 PM	54.x	81.2	4x.2
04:00 PM - 05:00 PM	54.x	((,4	4x.8
05:00 PM - 06:00 PM	53.4	(x,2	4x.(
06:00 PM - 07:00 PM	54.8	(x,0	50.0
07:00 PM - 08:00 PM	51.x	(4.1	50.0
08:00 PM - 09:00 PM	51.0	6(,(50.0
09:00 PM - 10:00 PM	51.6	6x.1	50.1
10:00 PM - 11:00 PM	51.3	(3.4	4x.x
11:00 PM - 12:00 AM	51.5	65.6	50.1
12:00 AM - 01:00 AM	52.0	6x.8	50.4
01:00 AM - 02:00 AM	52.1	61.x	50.(
02:00 AM - 03:00 AM	52.2	62.0	50.8
03:00 AM - 04:00 AM	51.(5(,6	50.6
04:00 AM - 05:00 AM	52.4	68.1	50.8
05:00 AM - 06:00 AM	60.5	x2.2	50.8
06:00 AM - 07:00 AM	56.3	((,4	53.5
07:00 AM - 08:00 AM	5(,2	(5.x	56.0
08:00 AM - 09:00 AM	56.5	(2.0	55.(
09:00 AM - 10:00 AM	55.2	(x,0	52.5
10:00 AM - 11:00 AM	56.(85.4	51.(

Le) Average 24 hrs. dB(A)99	54.x
Lna7 dB(A)99	x2.2
Lx0 dB(A)99	50.1
Ldn dB(A)99	61.1
Standard dB(A)99	(0

Reference Method : ISO1xx6-1 and 1xx6-2

Standard : 1. ปรึกษาขอทราบค่าสัมประสิทธิ์การแปลงค่าเสียง 15 db.ศ. 25409 ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ปรึกษาขอทราบค่าสัมประสิทธิ์การแปลงค่าเสียง 15 db.ศ. 25409 ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป

จาก นร. 2548

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Thanitak.

Thantita Kulsuriwong
Scientist q99

Approved by

Supot Salameh
Section Head

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S:\Reports_Air Noise\nt (3.6PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Nuf ber: 264400-m



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 : Nongyai

Project Location :

Sample Number : 2338634(8

Parameter : Noise d(e) 24 hrs.9

Location : หมู่ที่ 4 บ้านหนองกลาง ตำบลท่าสูง qN29

Measurement Date : Apr 29/Apr 30, 2023

Measurement by : Panuwat S angbong

Sound Level meter : 7erial No. 4- 2130

Page 1 of 1

Tif e	Le) dB(A)99	Lf ax dB(A)99	LW0 dB(A)99
12:00 PM n01:00 PM	4W4	-2.5	3- 1
01:00 PM n02:00 PM	5W8	W4.3	38.2
02:00 PM n03:00 PM	62.8	W1.5	51.W
03:00 PM n04:00 PM	60.-	86.3	55.3
04:00 PM n05:00 PM	5W6	W1.-	43.3
05:00 PM n06:00 PM	53.1	86.4	43.6
06:00 PM n07:00 PM	55.6	-5.5	51.0
07:00 PM n08:00 PM	53.8	-0.6	48.6
08:00 PM n09:00 PM	51.2	-4.5	46.8
09:00 PM n10:00 PM	4W0	-0.-	43.-
10:00 PM n11:00 PM	51.W	-8.6	45.2
11:00 PM n12:00 AM	50.-	60.0	46.3
12:00 AM n01:00 AM	50.6	63.8	45.4
01:00 AM n02:00 AM	48.1	56.5	41.8
02:00 AM n03:00 AM	42.0	55.2	3W8
03:00 AM n04:00 AM	41.8	50.8	3W3
04:00 AM n05:00 AM	4W2	-5.6	42.4
05:00 AM n06:00 AM	50.1	-5.-	44.0
06:00 AM n07:00 AM	53.-	--.4	41.4
07:00 AM n08:00 AM	50.1	68.6	3- 2
08:00 AM n09:00 AM	52.8	--.3	38.8
09:00 AM n10:00 AM	60.1	W.0	45.W
10:00 AM n11:00 AM	62.4	88.-	55.8
11:00 AM n12:00 PM	55.8	-8.4	48.W

Le) Average 24 hrs. dB(A)99	56.4
Lf ax dB(A)99	W.0
LW0 dB(A)99	58.W
Ldn dB(A)99	115

Standard dB(A)99

Reference Method : 1701W6n1 and 1W6n1

Standard : 1. ปรึกษาขอทราบค่าสัมประสิทธิ์การแปลงค่าเสียง 15 db.ศ. 25409 ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ปรึกษาขอทราบค่าสัมประสิทธิ์การแปลงค่าเสียง 15 db.ศ. 25409 ซึ่งกำหนดมาตรฐานระดับเสียงโดยทั่วไป

จาก นร. 2548

Ref ark : The laboratory has been accepted as an accredited laboratory cof plying with the 170/IEC 1- 025.

Technical Management

Thanitak.

Approved by

Thantita Kulsuriwong
7cientist q99

Supot Zafaf leh
7ection Head

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S:\Reports_Air Noise\nt (3.6PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644008-1



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 : Nongyai

Project Location :

Sample Number
2338634(

Parameter
Noise d(e) 24 hrs.9

Location
หมู่ที่ 4 บ้านหนองกลาง ตำบลท่าช้าง อ.นขมิย จ.นย

Measurement Date
Apr 30 - May 01, 2023

Measurement by
Panuwat Wangbong

Sound Level meter
Serial No. 472130

Time	Le) dB(A)99	Lmax dB(A)99	L(-0 dB(A)99
12:00 PM - 01:00 PM	61.1	(0.5	56.3
01:00 PM - 02:00 PM	55.2	73.8	53.3
02:00 PM - 03:00 PM	52.0	76.0	47.6
03:00 PM - 04:00 PM	51.4	77.0	38.8
04:00 PM - 05:00 PM	54.3	78.0	37.2
05:00 PM - 06:00 PM	40.0	78.8	38.2
06:00 PM - 07:00 PM	51.1	68.0	47.8
07:00 PM - 08:00 PM	52.2	70.2	47.0
08:00 PM - 09:00 PM	52.1	75.4	47.7
09:00 PM - 10:00 PM	40.0	71.6	44.6
10:00 PM - 11:00 PM	52.8	70.5	46.1
11:00 PM - 12:00 AM	51.6	67.2	47.2
12:00 AM - 01:00 AM	51.5	64.7	46.3
01:00 AM - 02:00 AM	40.0	57.4	42.7
02:00 AM - 03:00 AM	42.0	56.1	40.7
03:00 AM - 04:00 AM	42.7	51.7	40.2
04:00 AM - 05:00 AM	50.1	43.3	43.3
05:00 AM - 06:00 AM	51.0	76.6	44.0
06:00 AM - 07:00 AM	54.6	42.3	42.3
07:00 AM - 08:00 AM	51.0	60.5	38.1
08:00 AM - 09:00 AM	53.7	78.2	37.0
09:00 AM - 10:00 AM	61.0	(7.0	46.8
10:00 AM - 11:00 AM	63.1	80.6	56.7
11:00 AM - 12:00 PM	56.7	70.3	40.8

Le) Average 24 hrs. dB(A)99	55.3
Lmax dB(A)99	(7.0
L(-0 dB(A)99	44.0
Ldn dB(A)99	

Standard dB(A)99 115
Reference Method : ISO1116-1 and 1116-2
Standard : 1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่คิดจากการประกอบกิจการ
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่คิดจากการประกอบกิจการ
พ.ร.บ. ร.ร. 2548
Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Tharitat.

Technical Management

Thantita Kulsuriwong
Scientist q99

Approved by

Supot Salamteah
Section Head

Supot S.

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S:\Reports_Air Noise\pr (3.6PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Nuf ber: 264400-m



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 : Nongyai

Project Location :

Sample Number
2338634(m)

Parameter
Noise d(e) 24 hrs.9

Location
หมู่ที่ 4 บ้านหนองกลาง ตำบลท่าช้าง อ.นขมิย จ.นย

Measurement Date
May 01 mMay 02, 2023

Measurement by
Panuwat Wangbong

Sound Level meter
Serial No. 472130

Tif e	Le) dB(A)99	Lf ax dB(A)99	L-0 dB(A)99
12:00 PM m01:00 PM	50.3	73.4	38.0
01:00 PM m02:00 PM	60.7	-5.2	3-1
02:00 PM m03:00 PM	63.7	-2.4	52.8
03:00 PM m04:00 PM	62.0	87.2	56.1
04:00 PM m05:00 PM	60.7	-2.6	4-4
05:00 PM m06:00 PM	54.0	87.3	44.5
06:00 PM m07:00 PM	57.6	83.6	53.2
07:00 PM m08:00 PM	54.4	71.5	4-3
08:00 PM m09:00 PM	50.0	74.2	46.5
09:00 PM m10:00 PM	48.7	70.4	43.4
10:00 PM m11:00 PM	51.6	78.3	44-
11:00 PM m12:00 AM	50.4	5-7	46.0
12:00 AM m01:00 AM	50.3	63.5	45.1
01:00 AM m02:00 AM	47.8	56.2	41.5
02:00 AM m03:00 AM	41.7	54-	3-5
03:00 AM m04:00 AM	41.5	50.5	3-0
04:00 AM m05:00 AM	48-	75.3	42.1
05:00 AM m06:00 AM	4-8	75.4	43.7
06:00 AM m07:00 AM	53.4	77.1	41.1
07:00 AM m08:00 AM	4-8	68.3	36-
08:00 AM m09:00 AM	52.5	77.0	38.5
09:00 AM m10:00 AM	5-8	-6.7	45.6
10:00 AM m11:00 AM	62.3	88.4	56-
11:00 AM m12:00 PM	55.5	78.1	48.6

Le) Average 24 hrs. dB(A)99	56.-
Lf ax dB(A)99	-6.7
L-0 dB(A)99	
Ldn dB(A)99	5-1

Standard dB(A)99 115
Reference Method : ISO1116-1 and 1116-2
Standard : 1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่คิดจากการประกอบกิจการ
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่คิดจากการประกอบกิจการ
พ.ร.บ. ร.ร. 2548
Ref ark : The laboratory has been accepted as an accredited laboratory cof plying with the ISO/IEC 17025.

Tharitat.

Technical Management

Thantita Kulsuriwong
Scientist q99

Approved by

Supot S.

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S:\Reports_Air Noise\pr (3.6PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644012-1



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 : Nongyai

Project Location :

Sample Number
2338634-13

Parameter
Noise (Leq 24 hrs.)

Location
หมู่ที่ 4 บ้านหูกวาง ตำบลท่าช้าง (N2)

Measurement Date
May 04 - May 05, 2023

Measurement by
Panuwat 9 angbong

Sound Level meter
Verial No. 452130

Time	Leq (dB(A))	Lma7 (dB(A))	Lx0 (dB(A))
12:00 PM - 01:00 PM	4x.2	52.2	36.4
01:00 PM - 02:00 PM	52.3	55.6	35.2
02:00 PM - 03:00 PM	62.8	54.0	50.x
03:00 PM - 04:00 PM	63.8	88.0	56.0
04:00 PM - 05:00 PM	53.5	52.6	50.1
05:00 PM - 06:00 PM	51.6	51.8	43.5
06:00 PM - 07:00 PM	55.x	86.1	50.x
07:00 PM - 08:00 PM	54.1	50.3	50.1
08:00 PM - 09:00 PM	52.4	56.x	45.5
09:00 PM - 10:00 PM	53.0	55.x	3x.5
10:00 PM - 11:00 PM	54.8	5x.8	3x.8
11:00 PM - 12:00 AM	4x.8	5x.5	3x.2
12:00 AM - 01:00 AM	52.4	50.8	48.8
01:00 AM - 02:00 AM	51.2	68.5	45.6
02:00 AM - 03:00 AM	58.x	x3.5	35.0
03:00 AM - 04:00 AM	45.0	54.0	34.x
04:00 AM - 05:00 AM	53.5	55.x	42.4
05:00 AM - 06:00 AM	52.2	54.3	41.8
06:00 AM - 07:00 AM	51.5	58.3	3x.5
07:00 AM - 08:00 AM	56.0	55.5	52.x
08:00 AM - 09:00 AM	55.1	55.1	53.0
09:00 AM - 10:00 AM	51.3	55.x	35.3
10:00 AM - 11:00 AM	58.0	x2.8	36.2
11:00 AM - 12:00 PM	50.5	56.1	38.0

Leq Average 24 hrs. (dB(A))	56.1
Lma7 (dB(A))	x4.0
Lx0 (dB(A))	41.8
Ldn (dB(A))	60.5

Wandard (dB(A)) 115

Reference Method : IW01xx6-1 and 1xx6-2

Wandard : 1. ใช้มาตรฐานการวัดระดับเสียงตามข้อกำหนดของกรมส่งเสริมการค้าระหว่างประเทศ (พ.ศ. 2540) สำหรับสถานประกอบการที่มีเสียงดัง
2. ใช้มาตรฐานการวัดระดับเสียงตามข้อกำหนดของกรมส่งเสริมการค้าระหว่างประเทศ (พ.ศ. 2540) สำหรับสถานประกอบการที่มีเสียงดัง

Remark : The laboratory has been accepted as an accredited laboratory complying with the IVO/IEC 15025.

Tharitat.

Technical Management

Thantita Kulsuriwong
Vientist (4)

Approved by

Wipot Viameth
Vientist Head

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S:\Reports_Air Noise\pr (3.66PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644013-1



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 : Nongyai

Project Location :

Sample Number
2338634-14

Parameter
Noise (Leq 24 hrs.)

Location
หมู่ที่ 4 บ้านหูกวาง ตำบลท่าช้าง (N2)

Measurement Date
May 05 - May 06, 2023

Measurement by
Panuwat 9 angbong

Sound Level meter
Verial No. 452130

Time	Leq (dB(A))	Lma7 (dB(A))	Lx0 (dB(A))
12:00 PM - 01:00 PM	53.5	56.6	41.3
01:00 PM - 02:00 PM	63.3	x5.6	4x.2
02:00 PM - 03:00 PM	66.0	x2.8	58.2
03:00 PM - 04:00 PM	64.2	x0.4	5x.0
04:00 PM - 05:00 PM	55.1	55.3	46.3
05:00 PM - 06:00 PM	58.8	x0.5	45.5
06:00 PM - 07:00 PM	5x.4	5x.6	55.6
07:00 PM - 08:00 PM	55.2	56.2	50.0
08:00 PM - 09:00 PM	50.8	55.5	45.4
09:00 PM - 10:00 PM	48.0	55.4	42.3
10:00 PM - 11:00 PM	53.4	82.x	44.0
11:00 PM - 12:00 AM	51.0	55.6	35.0
12:00 AM - 01:00 AM	55.5	x2.5	35.x
01:00 AM - 02:00 AM	48.6	54.8	36.4
02:00 AM - 03:00 AM	43.4	65.8	35.1
03:00 AM - 04:00 AM	46.5	65.0	40.3
04:00 AM - 05:00 AM	45.1	6x.6	3x.2
05:00 AM - 06:00 AM	51.3	56.4	43.0
06:00 AM - 07:00 AM	52.5	52.3	41.x
07:00 AM - 08:00 AM	55.4	55.2	4x.5
08:00 AM - 09:00 AM	55.5	82.2	44.x
09:00 AM - 10:00 AM	61.5	x1.4	56.2
10:00 AM - 11:00 AM	55.1	54.5	55.2
11:00 AM - 12:00 PM	5x.8	55.1	55.x

Leq Average 24 hrs. (dB(A))	58.5
Lma7 (dB(A))	x5.6
Lx0 (dB(A))	44.x
Ldn (dB(A))	60.x

Wandard (dB(A)) 115

Reference Method : IW01xx6-1 and 1xx6-2

Wandard : 1. ใช้มาตรฐานการวัดระดับเสียงตามข้อกำหนดของกรมส่งเสริมการค้าระหว่างประเทศ (พ.ศ. 2540) สำหรับสถานประกอบการที่มีเสียงดัง
2. ใช้มาตรฐานการวัดระดับเสียงตามข้อกำหนดของกรมส่งเสริมการค้าระหว่างประเทศ (พ.ศ. 2540) สำหรับสถานประกอบการที่มีเสียงดัง

Remark : The laboratory has been accepted as an accredited laboratory complying with the IVO/IEC 15025.

Tharitat.

Technical Management

Thantita Kulsuriwong
Vientist (4)

Approved by

Wipot Viameth
Vientist Head

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S:\Reports_Air Noise\pr (3.66PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644014-1



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 : Nongyai

Project Location :

Sample Number : 2338634-15

Parameter : Noise (Leq 24 hrs.)

Location : หมู่ที่ 3 ตำบลบ้านดง อำเภอเมือง (N3)

Measurement Date : Apr 29 - Apr 30, 2023

Measurement by : Panuwat Wangbong

Sound Level meter : Serial No. 734218

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.7	76.7	40.0
11:00 AM - 12:00 PM	49.4	70.4	38.2
12:00 PM - 01:00 PM	51.6	73.8	40.4
01:00 PM - 02:00 PM	65.4	97.1	54.4
02:00 PM - 03:00 PM	63.4	89.1	58.1
03:00 PM - 04:00 PM	56.8	79.2	50.1
04:00 PM - 05:00 PM	56.1	76.7	49.3
05:00 PM - 06:00 PM	50.1	69.2	44.5
06:00 PM - 07:00 PM	49.6	69.4	43.9
07:00 PM - 08:00 PM	47.4	71.3	42.8
08:00 PM - 09:00 PM	45.5	73.7	42.4
09:00 PM - 10:00 PM	45.6	67.7	42.4
10:00 PM - 11:00 PM	44.4	69.7	40.4
11:00 PM - 12:00 AM	44.3	59.8	41.9
12:00 AM - 01:00 AM	39.6	51.6	38.3
01:00 AM - 02:00 AM	43.4	64.2	39.0
02:00 AM - 03:00 AM	51.0	66.2	45.1
03:00 AM - 04:00 AM	54.4	79.1	49.0
04:00 AM - 05:00 AM	53.5	77.1	43.3
05:00 AM - 06:00 AM	53.3	72.5	42.9
06:00 AM - 07:00 AM	51.4	76.5	41.1
07:00 AM - 08:00 AM	53.8	75.2	43.9
08:00 AM - 09:00 AM	60.6	86.6	55.7
09:00 AM - 10:00 AM	63.1	89.7	57.8

Leq Average 24 hrs. (dB(A))	56.9
Lmax (dB(A))	97.1
L90 (dB(A))	43.3
Ldn (dB(A))	59.5
Standard (dB(A))	70

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่าระดับเสียงที่อนุญาตให้เกิดขึ้นในชุมชน
2. ประกาศกระทรวงสาธารณสุข เรื่อง ค่าระดับเสียงที่อนุญาตให้เกิดขึ้นในชุมชน

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management

Tharitat.

Thantita Kulsuriwong
Scientist (4)

Approved by

Supot Salameth
Section Head

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S:\Reports_Air Noise\pr (3.57PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644015-1



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 : Nongyai

Project Location :

Sample Number : 2338634-16

Parameter : Noise (Leq 24 hrs.)

Location : หมู่ที่ 3 ตำบลบ้านดง อำเภอเมือง (N3)

Measurement Date : Apr 30 - May 01, 2023

Measurement by : Panuwat 9 angbong

Sound Level meter : Verial No. S34218

Time	Leq (dB(A))	Lma7 (dB(A))	Lx0 (dB(A))
10:00 AM - 11:00 AM	55.6	58.2	54.8
11:00 AM - 12:00 PM	5x.8	80.3	56.6
12:00 PM - 01:00 PM	55.5	56.2	52.x
01:00 PM - 02:00 PM	53.2	52.5	46.6
02:00 PM - 03:00 PM	53.6	82.5	44.x
03:00 PM - 04:00 PM	54.8	51.8	48.1
04:00 PM - 05:00 PM	54.8	56.2	48.5
05:00 PM - 06:00 PM	51.x	54.5	4x.2
06:00 PM - 07:00 PM	51.4	54.0	48.5
07:00 PM - 08:00 PM	48.4	55.1	45.2
08:00 PM - 0x:00 PM	45.x	60.5	45.2
0x:00 PM - 10:00 PM	46.5	52.6	45.8
10:00 PM - 11:00 PM	45.6	54.8	44.x
11:00 PM - 12:00 AM	45.8	55.2	44.8
12:00 AM - 01:00 AM	45.1	5x.1	46.2
01:00 AM - 02:00 AM	45.6	55.3	46.x
02:00 AM - 03:00 AM	52.5	62.x	48.3
03:00 AM - 04:00 AM	52.2	53.4	45.8
04:00 AM - 05:00 AM	54.4	5x.5	44.2
05:00 AM - 06:00 AM	54.6	82.2	43.0
06:00 AM - 07:00 AM	55.0	85.8	40.4
07:00 AM - 08:00 AM	60.5	55.0	56.6
08:00 AM - 0x:00 AM	58.1	82.8	51.0
0x:00 AM - 10:00 AM	55.1	56.2	53.5

Leq Average 24 hrs. (dB(A))	54.8
Lma7 (dB(A))	85.8
Lx0 (dB(A))	45.5
Ldn (dB(A))	5x.6
Wandard (dB(A))	115

Reference Method : IW01xx6-1 and 1xx6-2
Wandard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่าระดับเสียงที่อนุญาตให้เกิดขึ้นในชุมชน
2. ประกาศกระทรวงสาธารณสุข เรื่อง ค่าระดับเสียงที่อนุญาตให้เกิดขึ้นในชุมชน

Remark : The laboratory has been accepted as an accredited laboratory complying with the IVO/IEC 15025.

Technical Management

Tharitat.

Thantita Kulsuriwong
Scientist (4)

Approved by

Supot Salameth
Section Head

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S:\Reports_Air Noise\pr (3.57PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644016-1



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 : Nongyai
Project Location :

Sample Number
2338634-1C

Parameter
Noise dLe) 24 hrs.9
Location
หมู่ที่ 3 ตำบลบ้านดง อำเภอเมือง จังหวัดบุรีรัมย์
Measurement Date
May 01 - May 02, 2023
Measurement by
Panuwat Wangbong
Sound Level meter
Serial No. (34218

Time	Le) dB(A)99	Lma7 dB(A)99	Lx0 dB(A)99
10:00 AM - 11:00 AM	52.4	(6.x	40.0
11:00 AM - 12:00 PM	52.1	(6.x	3x.6
12:00 PM - 01:00 PM	52.8	(6.0	42.8
01:00 PM - 02:00 PM	52.3	68.x	46.0
02:00 PM - 03:00 PM	52.0	(1.4	42.0
03:00 PM - 04:00 PM	56.5	(4.5	48.4
04:00 PM - 05:00 PM	54.6	((.2	48.4
05:00 PM - 06:00 PM	4x.6	(1.4	45.1
06:00 PM - 07:00 PM	48.3	65.1	44.1
07:00 PM - 08:00 PM	45.5	68.0	42.x
08:00 PM - 09:00 PM	46.x	(4.2	42.0
09:00 PM - 10:00 PM	44.6	62.5	42.0
10:00 PM - 11:00 PM	50.8	50.8	41.1
11:00 PM - 12:00 AM	42.3	61.3	40.0
12:00 AM - 01:00 AM	44.0	(1.0	40.2
01:00 AM - 02:00 AM	43.5	61.0	41.0
02:00 AM - 03:00 AM	50.8	66.0	45.1
03:00 AM - 04:00 AM	52.x	(3.5	46.3
04:00 AM - 05:00 AM	54.6	(8.1	43.x
05:00 AM - 06:00 AM	53.6	(x.0	43.5
06:00 AM - 07:00 AM	53.0	(1.x	41.3
07:00 AM - 08:00 AM	50.2	(x.0	50.1
08:00 AM - 09:00 AM	53.6	(8.x	46.0
09:00 AM - 10:00 AM	53.2	((.1	46.0

Le) Average 24 hrs. dB(A)99	52.2
Lma7 dB(A)99	(x.0
Lx0 dB(A)99	42.x
Ldn dB(A)99	50.6
Standard dB(A)99	(0

Reference Method : ISO1xx6-1 and 1xx6-2
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่าระดับเสียงที่อนุญาตให้ปล่อยจากอาคารในเวลากลางคืน
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่าระดับเสียงที่อนุญาตให้ปล่อยจากอาคารในเวลากลางวัน

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Tharitat.

Technical Management

Thantita Kulsuriwong
Scientist q99

Approved by

Supot Salameh
Section Head

Supot S.

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15562-2/ ENAIL

S:\Reports_Air Noise pr (3.57PM)



TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Nuf ber: 264401-m



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 : Nongyai
Project Location :

Sample Number
2338634m8

Parameter
Noise dLe) 24 hrs.9
Location
หมู่ที่ 3 ตำบลบ้านดง อำเภอเมือง จังหวัดบุรีรัมย์
Measurement Date
May 02 mMay 03, 2023
Measurement by
Panuwat Wangbong
Sound Level meter
Serial No. - 34218

Tif e	Le) dB(A)99	Lf a7 dB(A)99	Lx0 dB(A)99
10:00 AM m11:00 AM	50.6	--.3	3x.3
11:00 AM m12:00 PM	51.2	-5.2	42.-
12:00 PM m01:00 PM	52.0	-4.x	44.5
01:00 PM m02:00 PM	53.2	80.5	42.5
02:00 PM m03:00 PM	52.x	-4.0	42.2
03:00 PM m04:00 PM	56.4	81.x	4.-
04:00 PM m05:00 PM	54.6	-1.0	4x.-
05:00 PM m06:00 PM	4x.2	65.3	46.2
06:00 PM m07:00 PM	48.2	66.-	45.6
07:00 PM m08:00 PM	50.8	-5.6	45.-
08:00 PM m09:00 PM	4.-6	-3.x	44.3
09:00 PM m10:00 PM	45.1	66.0	43.0
10:00 PM m11:00 PM	45.4	58.4	43.3
11:00 PM m12:00 AM	43.0	54.0	40.-
12:00 AM m01:00 AM	40.3	53.4	38.4
01:00 AM m02:00 AM	43.5	5.-4	40.-
02:00 AM m03:00 AM	4x.-	62.2	44.4
03:00 AM m04:00 AM	55.-	-6.6	4.-3
04:00 AM m05:00 AM	55.x	--.6	44.6
05:00 AM m06:00 AM	54.6	-5.x	42.5
06:00 AM m07:00 AM	54.4	-5.x	41.8
07:00 AM m08:00 AM	52.6	-2.0	42.-
08:00 AM m09:00 AM	55.4	-8.1	43.4
09:00 AM m10:00 AM	52.-	-5.8	42.0

Le) Average 24 hrs. dB(A)99	52.3
Lf a7 dB(A)99	81.x
Lx0 dB(A)99	43.0
Ldn dB(A)99	58.-
Standard dB(A)99	115

Reference Method : ISO1xx6m1 and 1xx6m1
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่าระดับเสียงที่อนุญาตให้ปล่อยจากอาคารในเวลากลางคืน
2. ประกาศกระทรวงมหาดไทย เรื่อง ค่าระดับเสียงที่อนุญาตให้ปล่อยจากอาคารในเวลากลางวัน

Ref ark : The laboratory has been accepted as an accredited laboratory cof plying with the ISO/IEC 17025.

Tharitat.

Technical Management

Thantita Kulsuriwong
Scientist q99

Approved by

Supot Salaf leh
Section Head

Supot S.

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TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644018-1



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 : Nongyai
Project Location :

Page 1 of 1

Sample Number : 2338634-1C
Parameter : Noise d(e) 24 hrs.9
Location : หมู่ที่ 3 ตำบลบ้านดง อำเภอเมือง จังหวัดบุรีรัมย์ 33100
Measurement Date : May 03 - May 04, 2023
Measurement by : Panuwat Wangbong
Sound Level meter : Serial No. 734218

Time	Le) dB(A)99	Lmax dB(A)99	L(-0 dB(A)99
10:00 AM - 11:00 AM	50.6	71.3	41.2
11:00 AM - 12:00 PM	61.4	75.3	57.3
12:00 PM - 01:00 PM	53.8	75.2	48.1
01:00 PM - 02:00 PM	51.1	73.3	42.7
02:00 PM - 03:00 PM	51.4	73.8	43.5
03:00 PM - 04:00 PM	53.5	73.8	44.7
04:00 PM - 05:00 PM	52.4	71.3	47.8
05:00 PM - 06:00 PM	48.4	66.2	45.6
06:00 PM - 07:00 PM	47.8	67.8	45.7
07:00 PM - 08:00 PM	46.2	66.1	44.7
08:00 PM - 09:00 PM	45.3	58.1	44.0
09:00 PM - 10:00 PM	45.2	57.5	43.7
10:00 PM - 11:00 PM	43.8	55.5	42.7
11:00 PM - 12:00 AM	43.0	53.1	42.0
12:00 AM - 01:00 AM	42.1	58.4	41.2
01:00 AM - 02:00 AM	46.8	55.4	45.7
02:00 AM - 03:00 AM	51.1	64.3	47.6
03:00 AM - 04:00 AM	53.1	74.0	48.2
04:00 AM - 05:00 AM	67.1	81.2	53.8
05:00 AM - 06:00 AM	65.8	82.1	52.5
06:00 AM - 07:00 AM	63.1	77.4	52.8
07:00 AM - 08:00 AM	62.3	84.5	45.7
08:00 AM - 09:00 AM	52.6	78.6	41.4
09:00 AM - 10:00 AM	51.7	75.2	41.3

Le) Average 24 hrs. dB(A)99	58.3
Lmax dB(A)99	(1.0)
L(-0 dB(A)99	44.7
Ldn dB(A)99	67.0
Standard dB(A)99	70

Reference Method : ISO11146-1 and 11146-2
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง การควบคุมการปล่อยเสียงจากอาคารและโรงงานอุตสาหกรรม
2. ประกาศกระทรวงมหาดไทย เรื่อง การควบคุมการปล่อยเสียงจากอาคารและโรงงานอุตสาหกรรม

Remark : The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

Technical Management : *Thanitak*

Thantita Kulsuriwong
Scientist q99

Approved by

Supot Salameh
Section Head

Supot S.

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TESTING
No.0042

Lot ID: 2338634

Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Nuf ber: 264401-rt



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 : Nongyai
Project Location :

Sample Number : 2338634rd0
Parameter : Noise d(e) 24 hrs.9
Location : หมู่ที่ 3 ตำบลบ้านดง อำเภอเมือง จังหวัดบุรีรัมย์ 33100
Measurement Date : May 04 mMay 05, 2023
Measurement by : Panuwat Wangbong
Sound Level meter : Serial No. 734218

Tif e	Le) dB(A)99	Lf ax dB(A)99	L-0 dB(A)99
10:00 AM m11:00 AM	52.2	75.1	40.-
11:00 AM m12:00 PM	52.8	74.0	47.2
12:00 PM m01:00 PM	53.0	74.1	45.-
01:00 PM m02:00 PM	58.-	8.-	41.7
02:00 PM m03:00 PM	60.1	74.6	54.1
03:00 PM m04:00 PM	58.1	80.2	4.-
04:00 PM m05:00 PM	57.5	85.4	47.2
05:00 PM m06:00 PM	51.3	75.1	45.4
06:00 PM m07:00 PM	46.3	64.0	44.2
07:00 PM m08:00 PM	45.-	62.8	43.1
08:00 PM m0-00 PM	43.-	57.4	42.5
0-00 PM m10:00 PM	43.-	6.-0	41.2
10:00 PM m11:00 PM	42.1	58.5	40.3
11:00 PM m12:00 AM	42.8	57.0	41.0
12:00 AM m01:00 AM	42.3	54.-	40.1
01:00 AM m02:00 AM	40.8	55.0	38.6
02:00 AM m03:00 AM	48.-	6.-8	42.1
03:00 AM m04:00 AM	54.6	75.6	48.5
04:00 AM m05:00 AM	53.5	80.5	44.4
05:00 AM m06:00 AM	53.5	76.6	44.-
06:00 AM m07:00 AM	53.-	80.4	43.7
07:00 AM m08:00 AM	52.4	76.7	45.5
08:00 AM m0-00 AM	57.7	77.7	45.7
0-00 AM m10:00 AM	53.6	81.6	41.5

Le) Average 24 hrs. dB(A)99	53.-
Lf ax dB(A)99	8.-
L-0 dB(A)99	43.7
Ldn dB(A)99	58.3
Standard dB(A)99	70

Reference Method : ISO11146-1 and 11146-2
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง การควบคุมการปล่อยเสียงจากอาคารและโรงงานอุตสาหกรรม
2. ประกาศกระทรวงมหาดไทย เรื่อง การควบคุมการปล่อยเสียงจากอาคารและโรงงานอุตสาหกรรม

Ref ark : The laboratory has been accepted as an accredited laboratory cof plyng with the ISO/IEC 17025.

Technical Management : *Thanitak*

Thantita Kulsuriwong
Scientist q99

Approved by

Supot Salaf leh
Section Head

Supot S.

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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 :

Lot ID: 2338634
Date Received : May 08, 2023
Date Reported : May 10, 2023
Report Number: 2644020-1

Lot ID: 2338636
Date Received : Ma
Date Reported : Ma
Report Number : 2

P/O :
Project Name : Nongyai
Project Location :

Page 1 of 3

Sample Number	2338634-21		
	Parameter	Noise (Leq 24 hrs.)	
Location	พิกัด 3 ตำบลวัด ต.หนองบัวลำภู (N3)		
Measurement Date	May 05 - May 06, 2023		
Measurement by	Panuwat 9 angbong		
Sound Level meter	Verial No. 534218		
Time	Leq (dB(A))	Lma7 (dB(A))	Lx0 (dB(A))
10:00 AM - 11:00 AM	52.6	81.0	41.0
11:00 AM - 12:00 PM	51.6	51.5	41.8
12:00 PM - 01:00 PM	51.5	53.3	45.3
01:00 PM - 02:00 PM	52.1	52.0	44.5
02:00 PM - 03:00 PM	53.0	55.8	42.5
03:00 PM - 04:00 PM	56.5	53.5	50.6
04:00 PM - 05:00 PM	55.5	82.8	48.6
05:00 PM - 06:00 PM	51.5	80.1	46.3
06:00 PM - 07:00 PM	51.6	56.5	46.5
07:00 PM - 08:00 PM	50.2	52.8	45.0
08:00 PM - 09:00 PM	46.6	64.0	44.8
09:00 PM - 10:00 PM	46.2	55.3	43.5
10:00 PM - 11:00 PM	46.0	54.8	44.0
11:00 PM - 12:00 AM	45.8	66.5	43.2
12:00 AM - 01:00 AM	41.5	54.5	35.5
01:00 AM - 02:00 AM	42.5	58.1	40.8
02:00 AM - 03:00 AM	44.3	53.6	43.0
03:00 AM - 04:00 AM	48.1	55.5	46.5
04:00 AM - 05:00 AM	54.2	54.5	45.5
05:00 AM - 06:00 AM	51.5	55.4	43.1
06:00 AM - 07:00 AM	54.6	58.0	43.8
07:00 AM - 08:00 AM	61.5	56.2	55.5
08:00 AM - 09:00 AM	55.4	55.4	54.0
09:00 AM - 10:00 AM	56.6	55.5	45.5

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Wilawan Borirak
Manager

gib.

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Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651786-1

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 : Nongyai
Project Location :

Sample No. 2338636-1
Parameter เสียงรบกวน
Location โรงงานก่อสร้างสนามบินท่าอากาศยานบ้านจั่นสูง (N1)
Measurement Date Apr 29 - 30, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472132

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ระดับเสียง (dB(A))					เสียงพื้นฐาน	ค่ารวมการรบกวน
			(A)	(B)	(C)	(D)			
แปลงค่า		ผลต่างระดับเสียง	ค่าปรับ	ค่าปรับ	ค่าปรับ	ค่าปรับ			
12:25 AM - 12:30 AM	58.8	58.6	0.2	7.0	-	54.8	49.7	5.1	
12:30 AM - 12:35 AM	60.4	52.1	8.3	0.5	-	62.9	50.2	12.7	
12:35 AM - 12:40 AM	54.0	51.2	2.8	3.0	-	54.0	50.1	3.9	
12:40 AM - 12:45 AM	62.3	59.3	3.0	3.0	-	62.3	48.8	13.5	
12:45 AM - 12:50 AM	59.7	56.5	3.2	3.0	-	59.7	50.2	9.5	
12:50 AM - 12:55 AM	62.6	53.9	8.7	0.5	-	65.1	50.5	14.6	
12:55 AM - 01:00 AM	63.5	57.5	6.0	1.5	-	65.0	50.0	15.0	
01:00 AM - 01:05 AM	60.3	55.4	4.9	1.5	-	61.8	50.5	11.3	
01:05 AM - 01:10 AM	61.9	57.4	4.5	1.5	-	63.4	50.6	12.8	
01:10 AM - 01:15 AM	56.0	52.0	4.0	2.0	-	57.0	48.7	8.3	
01:15 AM - 01:20 AM	53.8	52.4	1.4	7.0	-	49.8	50.5	-0.7	
01:20 AM - 01:25 AM	63.1	58.6	4.5	1.5	-	64.6	50.6	14.0	
01:25 AM - 01:30 AM	54.1	52.2	1.9	4.5	-	52.6	49.4	3.2	
01:30 AM - 01:35 AM	58.4	57.0	1.4	7.0	-	54.4	50.0	4.4	
01:35 AM - 01:40 AM	54.5	52.3	2.2	4.5	-	53.0	50.3	2.7	
01:40 AM - 01:45 AM	54.7	56.4	-1.7	7.0	-	50.7	50.1	0.6	
01:45 AM - 01:50 AM	62.0	57.5	4.5	1.5	-	63.5	50.1	13.4	
01:50 AM - 01:55 AM	53.7	51.0	2.7	3.0	-	53.7	49.8	3.9	
01:55 AM - 02:00 AM	60.8	61.2	-0.4	7.0	-	56.8	49.3	7.5	
02:00 AM - 02:05 AM	55.4	56.3	-0.9	7.0	-	51.4	49.8	1.6	
02:05 AM - 02:10 AM	57.7	56.2	1.5	4.5	-	56.2	50.1	6.1	
02:10 AM - 02:15 AM	58.8	56.1	2.7	3.0	-	58.8	49.9	8.9	
02:15 AM - 02:20 AM	58.3	60.7	-2.4	7.0	-	54.3	49.8	4.5	
02:20 AM - 02:25 AM	62.7	59.8	2.9	3.0	-	62.7	50.4	12.3	
02:25 AM - 02:30 AM	54.0	50.1	3.9	2.0	-	55.0	48.9	6.1	
02:30 AM - 02:35 AM	61.8	64.2	-2.4	7.0	-	57.8	50.2	7.6	
02:35 AM - 02:40 AM	62.9	61.1	1.8	4.5	-	61.4	50.3	11.1	
02:40 AM - 02:45 AM	63.8	60.3	3.5	2.0	-	64.8	49.7	15.1	
02:45 AM - 02:50 AM	63.6	60.8	2.8	3.0	-	63.6	49.3	14.3	
02:50 AM - 02:55 AM	57.9	60.5	-2.6	7.0	-	53.9	51.1	2.8	
02:55 AM - 03:00 AM	64.4	61.1	3.3	3.0	-	64.4	50.0	14.4	
03:00 AM - 03:05 AM	65.3	61.4	3.9	2.0	-	66.3	50.0	16.3	
03:05 AM - 03:10 AM	58.1	56.0	2.1	4.5	-	56.6	50.0	6.6	
03:10 AM - 03:15 AM	65.7	61.8	3.9	2.0	-	66.7	50.3	16.4	
03:15 AM - 03:20 AM	63.2	60.0	3.2	3.0	-	63.2	49.0	14.2	
03:20 AM - 03:25 AM	58.1	59.9	-1.8	7.0	-	54.1	50.0	4.1	
03:25 AM - 03:30 AM	65.5	57.8	7.7	0.5	-	68.0	50.7	17.3	
03:30 AM - 03:35 AM	54.9	51.1	3.8	2.0	-	55.9	48.8	7.1	
03:35 AM - 03:40 AM	54.4	52.1	2.3	4.5	-	52.9	49.2	3.7	
03:40 AM - 03:45 AM	64.3	53.7	10.6	0.5	-	66.8	40.1	26.7	

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651786-1

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 : Nongyai
Project Location :

Sample No. 2338636-1
Parameter เสียงรบกวน
Location โรงงานก่อสร้างสนามบินท่าอากาศยานบ้านจั่นสูง (N1)
Measurement Date Apr 29 - 30, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472132

เวลา	ระดับเสียง (dB(A))						เสียงพื้นฐาน	ค่ารวมการรบกวน
	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ค่าปรับ	ปรับค่าเสียงจากแหล่งกำเนิด			
					ค่าลบ	ค่าบวก		
03:45 AM - 03:50 AM	60.4	53.2	7.2	1.0	62.4	39.9	22.5	
03:50 AM - 03:55 AM	61.2	58.9	2.3	4.5	-	59.7	54.3	
03:55 AM - 04:00 AM	61.1	58.1	3.0	3.0	-	61.1	41.9	
04:00 AM - 04:05 AM	68.8	57.5	11.3	0.5	-	71.3	40.4	
04:05 AM - 04:10 AM	61.7	57.6	4.1	2.0	-	62.7	40.1	
04:10 AM - 04:15 AM	64.4	59.9	4.5	1.5	-	65.9	40.1	
04:15 AM - 04:20 AM	68.5	62.5	6.0	1.5	-	70.0	60.0	
04:20 AM - 04:25 AM	67.6	62.3	5.3	1.5	-	69.1	40.6	
04:25 AM - 04:30 AM	66.6	61.1	5.5	1.5	-	68.1	41.4	
04:30 AM - 04:35 AM	64.7	56.3	8.4	0.5	-	67.2	40.5	
04:35 AM - 04:40 AM	61.6	54.3	7.3	1.0	-	63.6	39.6	
04:40 AM - 04:45 AM	63.1	58.3	5.3	1.5	-	65.1	40.3	
04:45 AM - 04:50 AM	65.1	58.0	7.1	1.0	-	67.1	40.3	
04:50 AM - 04:55 AM	65.9	59.3	6.6	1.0	-	67.9	39.9	
04:55 AM - 05:00 AM	63.9	57.7	6.2	1.5	-	65.4	40.6	
05:00 AM - 05:05 AM	62.7	59.9	2.8	3.0	-	62.7	48.3	
05:05 AM - 05:10 AM	59.2	55.4	3.8	2.0	-	60.2	48.4	
05:10 AM - 05:15 AM	56.0	57.0	-1.0	7.0	-	52.0	51.3	
05:15 AM - 05:20 AM	60.8	57.1	3.7	2.0	-	61.8	51.7	
05:20 AM - 05:25 AM	60.9	57.0	3.9	2.0	-	61.9	51.9	
05:25 AM - 05:30 AM	61.3	59.2	2.1	4.5	-	59.8	53.2	
05:30 AM - 05:35 AM	61.3	66.3	-5.0	7.0	-	57.3	61.8	
05:35 AM - 05:40 AM	60.0	64.5	-4.5	7.0	-	56.0	60.5	
05:40 AM - 05:45 AM	65.6	64.4	1.2	7.0	-	61.6	59.7	
05:45 AM - 05:50 AM	53.9	61.9	-8.0	7.0	-	49.9	58.7	
05:50 AM - 05:55 AM	54.1	61.4	-7.3	7.0	-	50.1	58.3	
05:55 AM - 06:00 AM	53.9	60.5	-6.6	7.0	-	49.9	50.4	
06:00 AM - 07:00 AM	56.9	59.4	-2.5	7.0	-	49.9	-	
07:00 AM - 08:00 AM	56.9	55.7	1.2	7.0	-	47.8	2.1	
08:00 AM - 09:00 AM	54.7	58.3	-3.6	7.0	-	46.3	1.4	
09:00 AM - 10:00 AM	52.9	59.5	-6.6	7.0	-	45.1	0.8	
10:00 AM - 11:00 AM	63.1	60.0	3.1	3.0	-	60.1	51.0	
ค่ารวม							≤ 10	

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทิศทางวัด ณ วันที่ 29-30 เมษายน 2566

Approved by

Wilawan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-2
Parameter เสียงรบกวน
Location โรงงานทดสอบสนามด้านบ้านวังสูง (N1)
Measurement Date Apr 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651787-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))	ระดับเสียง (dB(A))				ค่าระดับการรบกวน
				ทิศทางเสียงจากแหล่งกำเนิด	ส่วนเกิน	ผลต่างระดับเสียง	ส่วนเกินค่า	
				ทิศทางเสียงจากแหล่งกำเนิด	ส่วนเกิน	ผลต่างระดับเสียง	ส่วนเกินค่า	(K6)
				(K1)	(K2)	(K3)	(K4)	(K5)
03:45 AM - 03:50 AM	54.0	50.9	3.1	3.0	50.3	3.7	50.8	4.1
03:50 AM - 03:55 AM	54.1	50.8	3.3	3.0	50.0	4.1	50.0	5.0
03:55 AM - 04:00 AM	54.5	50.7	3.8	2.0	50.5	5.5	50.5	5.5
04:00 AM - 04:05 AM	54.9	50.4	4.5	1.5	56.4	49.7	49.7	6.7
04:05 AM - 04:10 AM	54.8	50.4	4.4	2.0	55.8	49.7	49.7	6.1
04:10 AM - 04:15 AM	53.9	50.7	3.2	3.0	53.9	50.0	50.0	3.9
04:15 AM - 04:20 AM	53.1	50.5	2.6	3.0	53.1	49.7	49.7	3.4
04:20 AM - 04:25 AM	52.8	52.7	0.1	7.0	48.8	50.2	50.2	-1.4
04:25 AM - 04:30 AM	54.2	53.7	0.5	7.0	50.2	49.7	49.7	0.5
04:30 AM - 04:35 AM	55.1	50.8	4.3	2.0	56.1	49.4	49.4	6.7
04:35 AM - 04:40 AM	53.9	50.0	3.9	2.0	54.9	49.4	49.4	5.5
04:40 AM - 04:45 AM	53.8	50.7	3.1	3.0	53.8	49.4	49.4	4.4
04:45 AM - 04:50 AM	54.4	51.0	3.4	3.0	54.4	49.9	49.9	4.5
04:50 AM - 04:55 AM	55.2	50.9	4.3	2.0	56.2	50.0	50.0	6.2
04:55 AM - 05:00 AM	54.6	56.4	-1.8	7.0	50.6	49.8	49.8	0.8
05:00 AM - 05:05 AM	55.2	52.0	3.2	3.0	55.2	49.5	49.5	5.7
05:05 AM - 05:10 AM	54.3	55.7	-1.4	7.0	50.3	49.9	49.9	0.4
05:10 AM - 05:15 AM	53.7	50.2	3.5	2.0	54.7	49.3	49.3	5.4
05:15 AM - 05:20 AM	54.5	51.3	3.2	3.0	54.5	50.0	50.0	4.5
05:20 AM - 05:25 AM	54.6	51.0	3.6	2.0	55.6	50.0	50.0	5.6
05:25 AM - 05:30 AM	66.2	55.3	10.9	0.5	68.7	50.0	50.0	18.7
05:30 AM - 05:35 AM	63.6	53.6	10.0	0.5	66.1	50.1	50.1	16.0
05:35 AM - 05:40 AM	64.8	54.9	9.9	0.5	67.3	49.8	49.8	17.5
05:40 AM - 05:45 AM	65.6	55.6	10.0	0.5	68.1	49.9	49.9	18.2
05:45 AM - 05:50 AM	66.2	57.7	8.5	0.5	68.7	49.8	49.8	18.9
05:50 AM - 05:55 AM	57.3	58.6	-1.3	7.0	53.3	50.3	50.3	3.0
05:55 AM - 06:00 AM	55.4	57.7	-2.3	7.0	51.4	50.2	50.2	1.2
06:00 AM - 07:00 AM	60.2	58.0	2.2	4.5	55.7	49.4	49.4	6.3
07:00 AM - 08:00 AM	56.5	55.3	1.2	7.0	49.5	49.0	49.0	0.5
08:00 AM - 09:00 AM	61.2	59.2	2.0	4.5	56.7	48.6	48.6	8.1
09:00 AM - 10:00 AM	54.5	56.6	-2.1	7.0	47.5	48.7	48.7	-1.2
10:00 AM - 11:00 AM	57.7	57.3	0.4	7.0	50.7	52.0	52.0	-1.3
ค่ามาตรฐาน								
≤ 10								

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการวัดระดับเสียงรบกวน และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทิศทางวัด วันที่ 30 เมษายน-01 พฤษภาคม 2566

ระดับเสียงที่ฐานและระดับเสียงรบกวนในกิจกรรม (Sample No.2338637-2 วันที่ตรวจวัด 30 เมษายน-01 พฤษภาคม 2566)

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Approved by

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Manager

Wilawan Borirak

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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 : Nongyai
Project Location :

Sample No. 2338636-3
Parameter เสียงรบกวน
Location โรงงานทดสอบสนามด้านบ้านวังสูง (N1)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651788-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))				การประเมินความเสี่ยง	การประเมินความเสี่ยง
			ทิศทางเสียงจากแหล่งกำเนิด	ค่าระดับเสียง	ค่าระดับเสียง	ค่าระดับเสียง		
11:00 AM - 12:00 PM	53.7	55.0	-1.3	7.0	46.7	-	50.8	-4.1
12:00 PM - 01:00 PM	52.5	54.5	-2.0	7.0	45.5	-	49.6	-4.1
01:00 PM - 02:00 PM	53.7	51.1	2.6	3.0	50.7	-	46.8	3.9
02:00 PM - 03:00 PM	52.5	50.0	2.5	3.0	49.5	-	46.5	4.0
03:00 PM - 04:00 PM	55.7	51.4	4.3	2.0	53.7	-	46.5	7.2
04:00 PM - 05:00 PM	54.8	54.5	0.3	7.0	47.8	-	47.4	0.4
05:00 PM - 06:00 PM	55.1	53.5	1.6	4.5	50.6	-	47.9	2.7
06:00 PM - 07:00 PM	55.0	51.3	3.7	2.0	53.0	-	47.2	5.8
07:00 PM - 08:00 PM	58.0	55.9	2.1	4.5	53.5	-	50.5	3.0
08:00 PM - 09:00 PM	55.4	54.3	1.1	7.0	48.4	-	49.9	-1.5
09:00 PM - 10:00 PM	54.3	49.4	4.9	1.5	52.8	-	48.5	4.3
10:00 PM - 10:05 PM	52.8	49.6	3.2	3.0	-	52.8	48.2	4.6
10:05 PM - 10:10 PM	52.5	48.8	3.7	2.0	-	53.5	48.3	5.2
10:10 PM - 10:15 PM	52.6	49.1	3.5	2.0	-	53.6	48.4	5.2
10:15 PM - 10:20 PM	53.3	49.2	4.1	2.0	-	54.3	48.4	5.9
10:20 PM - 10:25 PM	52.6	48.5	4.1	2.0	-	53.6	48.1	5.5
10:25 PM - 10:30 PM	52.7	49.0	3.7	2.0	-	53.7	48.1	5.6
10:30 PM - 10:35 PM	52.2	48.9	3.3	3.0	-	52.2	47.7	4.5
10:35 PM - 10:40 PM	51.8	48.8	3.0	3.0	-	51.8	46.3	3.5
10:40 PM - 10:45 PM	52.3	48.3	4.0	2.0	-	53.3	48.0	5.3
10:45 PM - 10:50 PM	52.4	50.1	2.3	4.5	-	50.9	47.8	3.1
10:50 PM - 10:55 PM	55.9	52.4	3.5	2.0	-	56.9	47.6	9.3
10:55 PM - 11:00 PM	55.3	49.9	5.4	1.5	-	56.8	47.4	9.4
11:00 PM - 11:05 PM	52.0	47.8	4.2	2.0	-	53.0	47.3	5.7
11:05 PM - 11:10 PM	52.0	47.8	4.2	2.0	-	53.0	47.3	5.7
11:10 PM - 11:15 PM	52.0	47.8	4.2	2.0	-	53.0	47.3	5.7
11:15 PM - 11:20 PM	53.9	53.6	0.3	7.0	-	49.9	47.2	2.7
11:20 PM - 11:25 PM	52.5	50.5	2.0	4.5	-	51.0	47.7	3.3
11:25 PM - 11:30 PM	52.0	52.1	-0.1	7.0	-	48.0	47.6	0.4
11:30 PM - 11:35 PM	51.7	50.8	0.9	7.0	-	47.7	47.8	-0.1
11:35 PM - 11:40 PM	52.0	48.1	3.9	2.0	-	53.0	47.4	5.6
11:40 PM - 11:45 PM	51.6	51.1	0.5	7.0	-	47.6	47.0	0.6
11:45 PM - 11:50 PM	52.7	49.0	3.7	2.0	-	53.7	47.3	6.4
11:50 PM - 11:55 PM	53.1	53.6	-0.5	7.0	-	49.1	47.4	1.7
11:55 PM - 12:00 AM	52.4	50.0	2.4	4.5	-	50.9	48.2	2.7
12:00 AM - 12:05 AM	52.5	52.4	0.1	7.0	-	48.5	47.4	1.1
12:05 AM - 12:10 AM	53.8	55.5	-1.7	7.0	-	49.8	48.7	1.1
12:10 AM - 12:15 AM	52.4	49.4	3.0	3.0	-	52.4	48.7	4.0
12:15 AM - 12:20 AM	52.6	53.5	-0.9	7.0	-	48.6	46.1	0.0
12:20 AM - 12:25 AM	53.1	49.7	3.4	3.0	-	53.1	49.1	4.0

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

Approved by

Wilawan Borirak
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 : Nongyai

Project Location :

Sample No. 2338636-3

Parameter เสียงรบกวน

Location โรงงานกลั่นสุรเทศาตามบ้านวังสูง (N1)

Measurement Date May 01 - 02, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023

Date Reported : May 15, 2023

Report Number : 2651788-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ระดับเสียง (dB(A))			เสียงพื้นฐาน	ค่ารวมการรบกวน
			(A)	(B)	(C)		
12:25 AM - 12:30 AM	55.9	55.0	0.9	7.0	51.9	49.8	2.1
12:30 AM - 12:35 AM	53.1	54.5	-1.4	7.0	49.1	49.0	0.1
12:35 AM - 12:40 AM	53.7	60.1	-6.4	7.0	49.7	48.5	1.2
12:40 AM - 12:45 AM	52.3	49.6	2.7	3.0	52.3	47.5	4.8
12:45 AM - 12:50 AM	53.1	50.3	2.8	3.0	53.1	48.7	4.4
12:50 AM - 12:55 AM	55.5	56.8	-1.3	7.0	51.5	47.5	4.0
12:55 AM - 01:00 AM	52.9	49.0	3.9	2.0	53.9	48.3	5.6
01:00 AM - 01:05 AM	52.5	49.2	3.3	3.0	52.5	48.1	4.4
01:05 AM - 01:10 AM	51.9	48.6	3.3	3.0	51.9	48.1	3.8
01:10 AM - 01:15 AM	55.3	58.3	-3.0	7.0	51.3	47.8	3.5
01:15 AM - 01:20 AM	53.4	51.8	1.6	4.5	51.9	48.6	3.3
01:20 AM - 01:25 AM	52.9	48.2	4.7	1.5	54.4	47.2	7.2
01:25 AM - 01:30 AM	52.2	50.3	1.9	4.5	50.7	47.4	3.3
01:30 AM - 01:35 AM	51.9	47.4	4.5	1.5	53.4	46.7	6.7
01:35 AM - 01:40 AM	56.9	57.2	-0.3	7.0	52.9	47.3	5.6
01:40 AM - 01:45 AM	55.0	50.5	4.5	1.5	56.5	48.0	8.5
01:45 AM - 01:50 AM	54.7	57.9	-3.2	7.0	50.7	47.4	3.3
01:50 AM - 01:55 AM	53.1	48.0	5.1	1.5	54.6	47.0	7.6
01:55 AM - 02:00 AM	53.6	49.7	3.9	2.0	54.6	46.9	7.7
02:00 AM - 02:05 AM	51.9	47.3	4.6	1.5	53.4	46.8	6.6
02:05 AM - 02:10 AM	57.4	57.3	0.1	7.0	53.4	47.3	6.1
02:10 AM - 02:15 AM	53.3	49.6	3.7	2.0	54.3	46.9	7.4
02:15 AM - 02:20 AM	51.7	47.6	4.1	2.0	52.7	46.7	6.0
02:20 AM - 02:25 AM	52.1	47.9	4.2	2.0	53.1	47.1	6.0
02:25 AM - 02:30 AM	55.7	58.9	-3.2	7.0	51.7	47.6	4.1
02:30 AM - 02:35 AM	53.3	48.4	4.9	1.5	54.8	47.5	7.3
02:35 AM - 02:40 AM	53.6	48.6	5.0	1.5	55.1	47.6	7.5
02:40 AM - 02:45 AM	52.7	47.9	4.8	1.5	54.2	47.0	7.2
02:45 AM - 02:50 AM	51.9	47.2	4.7	1.5	53.4	46.9	6.5
02:50 AM - 02:55 AM	55.1	56.8	-1.7	7.0	51.1	46.9	4.2
02:55 AM - 03:00 AM	52.6	47.7	4.9	1.5	54.1	47.2	6.9
03:00 AM - 03:05 AM	52.5	47.6	4.9	1.5	54.0	47.2	6.8
03:05 AM - 03:10 AM	51.6	49.4	2.2	4.5	50.1	47.1	3.0
03:10 AM - 03:15 AM	52.1	47.5	4.6	1.5	53.6	47.0	6.6
03:15 AM - 03:20 AM	55.0	57.1	-2.1	7.0	51.0	46.9	4.1
03:20 AM - 03:25 AM	53.3	48.3	5.0	1.5	54.8	47.6	7.2
03:25 AM - 03:30 AM	53.4	52.0	1.4	7.0	49.4	47.0	2.4
03:30 AM - 03:35 AM	55.9	61.1	-5.2	7.0	51.9	46.9	5.0
03:35 AM - 03:40 AM	53.0	57.2	-4.2	7.0	49.0	46.9	2.1
03:40 AM - 03:45 AM	52.5	47.3	5.2	1.5	54.0	46.9	7.1

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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 : Nongyai

Project Location :

Sample No. 2338636-3

Parameter เสียงรบกวน

Location โรงงานกลั่นสุรเทศาตามบ้านวังสูง (N1)

Measurement Date May 01 - 02, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023

Date Reported : May 15, 2023

Report Number : 2651788-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ระดับเสียง (dB(A))			เสียงพื้นฐาน	ค่ารวมการรบกวน
			(A)	(B)	(C)		
03:45 AM - 03:50 AM	51.8	47.3	4.5	1.5	53.3	46.9	6.4
03:50 AM - 03:55 AM	52.8	48.3	4.5	1.5	54.3	47.0	7.3
03:55 AM - 04:00 AM	54.0	59.4	-5.4	7.0	50.0	47.1	2.9
04:00 AM - 04:05 AM	53.1	59.9	-6.8	7.0	49.1	47.1	2.0
04:05 AM - 04:10 AM	52.9	60.4	-7.5	7.0	48.9	46.9	2.0
04:10 AM - 04:15 AM	54.1	49.1	5.0	1.5	55.6	47.2	8.4
04:15 AM - 04:20 AM	53.9	60.6	-6.7	7.0	49.9	46.9	3.0
04:20 AM - 04:25 AM	51.9	53.6	-1.7	7.0	47.9	46.8	1.1
04:25 AM - 04:30 AM	51.9	52.9	-1.0	7.0	47.9	46.9	1.0
04:30 AM - 04:35 AM	52.3	48.3	4.0	2.0	53.3	47.1	6.2
04:35 AM - 04:40 AM	52.4	55.1	-2.7	7.0	48.4	47.3	1.1
04:40 AM - 04:45 AM	52.1	48.6	3.5	2.0	53.1	47.1	6.0
04:45 AM - 04:50 AM	51.9	60.4	-8.5	7.0	47.9	46.6	1.3
04:50 AM - 04:55 AM	52.4	48.9	3.5	2.0	53.4	47.0	6.4
04:55 AM - 05:00 AM	52.1	59.2	-7.1	7.0	48.1	47.2	0.9
05:00 AM - 05:05 AM	53.0	60.0	-7.0	7.0	49.0	47.3	1.7
05:05 AM - 05:10 AM	52.6	49.6	3.0	3.0	52.6	47.4	5.2
05:10 AM - 05:15 AM	52.0	56.7	-4.7	7.0	48.0	47.8	0.2
05:15 AM - 05:20 AM	52.0	52.2	-0.2	7.0	48.0	47.5	0.5
05:20 AM - 05:25 AM	52.6	56.3	-3.7	7.0	48.6	48.2	0.4
05:25 AM - 05:30 AM	52.5	61.7	-9.2	7.0	48.5	48.1	0.4
05:30 AM - 05:35 AM	53.5	60.1	-6.6	7.0	49.5	48.2	1.3
05:35 AM - 05:40 AM	52.7	52.7	0.0	7.0	48.7	46.8	1.9
05:40 AM - 05:45 AM	51.2	51.8	-0.6	7.0	47.2	47.8	-0.6
05:45 AM - 05:50 AM	52.5	54.7	-2.2	7.0	48.5	48.9	-0.4
05:50 AM - 05:55 AM	53.7	59.1	-5.4	7.0	49.7	48.5	1.2
05:55 AM - 06:00 AM	54.6	57.9	-3.3	7.0	50.6	48.6	2.0
06:00 AM - 07:00 AM	57.3	56.4	0.9	7.0	50.3	47.1	2.6
07:00 AM - 08:00 AM	60.7	56.4	4.3	2.0	58.7	47.1	11.6
08:00 AM - 09:00 AM	52.7	54.9	-2.2	7.0	45.7	45.7	0.0
09:00 AM - 10:00 AM	51.7	48.0	3.7	2.0	49.7	44.6	5.1
10:00 AM - 11:00 AM	51.7	50.1	1.6	4.5	47.2	45.6	1.6

คำนวณค่ารวมการรบกวน

Reference Method :
1. ISO 1996-1
2. ประกาศกรมอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

1. ประกาศกรมอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548

2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงรบกวนเสียงที่ได้จากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทิศทางวัด วันที่ 01-02 พฤษภาคม 2566

ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2338637-3 วันที่ตรวจวัด 01-02 พฤษภาคม 2566)

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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 : Nongyai
Project Location :

Sample No. 2338636-4
Parameter เสียงรบกวน
Location โรงงานกลั่นสุรเทศาพด้านบ้านวังสูง (N1)
Measurement Date May 02 - 03, 2023
Measurement by Panuwat Wangpong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651789-1

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการรบกวน	ผลต่างระดับเสียง	ระดับเสียง (dB(A))			ค่าระดับการรบกวน
				(A)	(B)	(C)	
11:00 AM - 12:00 PM	52.4	55.1	-2.7	7.0	45.4	-	49.1
12:00 PM - 01:00 PM	52.5	54.8	-2.3	7.0	45.5	-	51.0
01:00 PM - 02:00 PM	53.9	56.1	-2.2	7.0	46.9	-	51.1
02:00 PM - 03:00 PM	54.4	56.9	-2.5	7.0	47.4	-	53.3
03:00 PM - 04:00 PM	54.8	56.9	-2.1	7.0	47.8	-	52.7
04:00 PM - 05:00 PM	57.2	59.0	-1.8	7.0	50.2	-	54.6
05:00 PM - 06:00 PM	55.6	58.3	-2.7	7.0	48.6	-	54.0
06:00 PM - 07:00 PM	59.2	55.1	4.1	2.0	57.2	-	48.0
07:00 PM - 08:00 PM	54.1	51.0	3.1	3.0	51.1	-	48.2
08:00 PM - 09:00 PM	52.2	49.4	2.8	3.0	49.2	-	48.2
09:00 PM - 10:00 PM	51.5	49.4	2.1	4.5	47.0	-	48.1
10:00 PM - 10:05 PM	51.4	48.5	2.9	3.0	48.5	51.4	47.8
10:05 PM - 10:10 PM	51.0	48.3	2.7	3.0	48.3	51.0	47.8
10:10 PM - 10:15 PM	51.2	48.0	3.2	3.0	51.2	51.2	47.6
10:15 PM - 10:20 PM	50.8	47.8	3.0	3.0	50.8	50.8	47.4
10:20 PM - 10:25 PM	51.1	48.0	3.1	3.0	51.1	51.1	47.6
10:25 PM - 10:30 PM	51.2	47.8	3.4	3.0	51.2	51.2	47.4
10:30 PM - 10:35 PM	50.8	48.4	2.4	4.5	48.4	50.8	47.8
10:35 PM - 10:40 PM	51.0	48.6	2.4	4.5	48.6	49.3	48.1
10:40 PM - 10:45 PM	51.2	48.4	2.8	3.0	51.2	51.2	47.8
10:45 PM - 10:50 PM	51.9	48.4	3.5	2.0	52.9	52.9	47.8
10:50 PM - 10:55 PM	55.4	49.3	6.1	1.5	56.9	56.9	48.0
10:55 PM - 11:00 PM	53.2	48.4	4.8	1.5	54.7	54.7	47.9
11:00 PM - 11:05 PM	51.5	48.0	3.5	2.0	52.5	52.5	47.8
11:05 PM - 11:10 PM	51.3	48.2	3.1	3.0	51.3	51.3	47.7
11:10 PM - 11:15 PM	51.9	48.9	3.0	3.0	51.9	51.9	47.8
11:15 PM - 11:20 PM	52.7	49.0	3.7	2.0	53.7	53.7	47.8
11:20 PM - 11:25 PM	55.3	50.0	5.3	1.5	56.8	56.8	48.1
11:25 PM - 11:30 PM	51.8	48.1	3.7	2.0	52.8	52.8	47.7
11:30 PM - 11:35 PM	51.8	48.2	3.6	2.0	52.8	52.8	47.6
11:35 PM - 11:40 PM	52.0	48.0	4.0	2.0	52.0	53.0	47.6
11:40 PM - 11:45 PM	53.5	48.4	5.1	1.5	55.0	55.0	47.7
11:45 PM - 11:50 PM	53.3	49.3	4.0	2.0	54.3	54.3	47.7
11:50 PM - 11:55 PM	53.8	48.5	5.3	1.5	55.3	55.3	47.3
11:55 PM - 12:00 AM	53.8	50.3	3.5	2.0	54.8	54.8	47.4
12:00 AM - 12:05 AM	51.2	47.9	3.3	3.0	51.2	51.2	47.5
12:05 AM - 12:10 AM	51.3	47.9	3.4	3.0	51.3	51.3	47.3
12:10 AM - 12:15 AM	51.1	47.7	3.4	3.0	51.1	51.1	47.3
12:15 AM - 12:20 AM	52.0	48.5	3.5	2.0	53.0	53.0	47.7
12:20 AM - 12:25 AM	54.8	49.2	5.6	1.5	56.3	56.3	47.8

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Approved by

Wilwan Borirak

Wilwan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-4
Parameter เสียงรบกวน
Location โรงงานกลั่นสุรเทศาพด้านบ้านวังสูง (N1)
Measurement Date May 02 - 03, 2023
Measurement by Panuwat Wangpong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651789-1

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการรบกวน	ผลต่างระดับเสียง	ระดับเสียง (dB(A))			ค่าระดับการรบกวน
				(A)	(B)	(C)	
12:25 AM - 12:30 AM	50.1	47.9	4.2	2.0	53.1	-	47.4
12:30 AM - 12:35 AM	52.8	48.4	2.4	4.5	49.3	-	47.7
12:35 AM - 12:40 AM	51.6	48.9	2.7	3.0	51.6	-	47.6
12:40 AM - 12:45 AM	51.7	47.9	3.8	2.0	52.7	-	47.6
12:45 AM - 12:50 AM	51.6	48.1	3.5	2.0	52.6	-	47.6
12:50 AM - 12:55 AM	51.5	48.3	3.2	3.0	51.5	-	47.8
12:55 AM - 01:00 AM	52.0	48.1	3.9	2.0	53.0	-	47.8
01:00 AM - 01:05 AM	52.0	48.2	3.8	2.0	53.0	-	47.8
01:05 AM - 01:10 AM	51.8	48.1	3.7	2.0	52.8	-	47.8
01:10 AM - 01:15 AM	52.0	47.9	4.1	2.0	53.0	-	47.6
01:15 AM - 01:20 AM	51.6	47.7	3.9	2.0	52.6	-	47.4
01:20 AM - 01:25 AM	52.7	48.1	4.6	1.5	54.2	-	47.6
01:25 AM - 01:30 AM	51.5	48.1	3.4	3.0	51.5	-	47.7
01:30 AM - 01:35 AM	51.8	47.9	3.9	2.0	52.8	-	47.6
01:35 AM - 01:40 AM	51.7	47.8	3.9	2.0	52.7	-	47.4
01:40 AM - 01:45 AM	50.9	47.8	3.1	3.0	50.9	-	47.3
01:45 AM - 01:50 AM	52.9	48.0	4.9	1.5	54.4	-	47.3
01:50 AM - 01:55 AM	53.2	48.1	5.1	1.5	54.7	-	47.5
01:55 AM - 02:00 AM	52.0	47.7	4.3	2.0	53.0	-	47.3
02:00 AM - 02:05 AM	51.3	47.4	3.9	2.0	52.3	-	46.9
02:05 AM - 02:10 AM	52.0	48.0	4.0	2.0	53.0	-	47.0
02:10 AM - 02:15 AM	52.2	47.4	4.8	1.5	53.7	-	46.9
02:15 AM - 02:20 AM	51.6	47.3	4.3	2.0	52.6	-	46.9
02:20 AM - 02:25 AM	51.4	47.4	4.0	2.0	52.4	-	46.9
02:25 AM - 02:30 AM	53.2	47.6	5.6	1.5	54.7	-	47.0
02:30 AM - 02:35 AM	51.7	47.1	4.6	1.5	53.2	-	46.8
02:35 AM - 02:40 AM	51.9	47.3	4.6	1.5	53.4	-	46.8
02:40 AM - 02:45 AM	53.1	47.8	5.3	1.5	54.6	-	46.9
02:45 AM - 02:50 AM	53.3	47.8	5.5	1.5	54.8	-	47.1
02:50 AM - 02:55 AM	51.5	47.3	4.2	2.0	52.5	-	46.9
02:55 AM - 03:00 AM	53.1	47.8	5.3	1.5	54.6	-	47.0
03:00 AM - 03:05 AM	52.9	47.6	5.3	1.5	54.4	-	47.0
03:05 AM - 03:10 AM	54.3	49.2	5.1	1.5	55.8	-	48.5
03:10 AM - 03:15 AM	54.1	49.0	5.1	1.5	55.6	-	47.3
03:15 AM - 03:20 AM	53.8	48.2	5.6	1.5	55.3	-	47.8
03:20 AM - 03:25 AM	52.3	48.3	4.0	2.0	53.3	-	47.3
03:25 AM - 03:30 AM	51.5	54.0	-2.5	7.0	47.5	-	47.5
03:30 AM - 03:35 AM	52.3	48.2	4.1	2.0	53.3	-	47.6
03:35 AM - 03:40 AM	53.5	48.4	5.1	1.5	55.0	-	47.8
03:40 AM - 03:45 AM	52.3	48.2	4.1	2.0	53.3	-	47.7

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Wilwan Borirak

Wilwan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-4
Parameter เสียงรบกวน
Location โรงงานกลั่นสุรเทศภัณฑ์บ้านวังสูง (N1)
Measurement Date May 02 - 03, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651789-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ระดับเสียง (dB(A))			เสียงพื้นฐาน	ค่าระดับการรบกวน
				ค่าปรับค่า	ค่าปรับค่า	ค่าปรับค่า		
03:45 AM - 03:50 AM	51.9	47.8	4.1	2.0	-	52.9	47.4	5.5
03:50 AM - 03:55 AM	52.2	48.3	3.9	2.0	-	53.2	47.7	5.5
03:55 AM - 04:00 AM	54.3	49.4	4.9	1.5	-	55.8	48.4	7.4
04:00 AM - 04:05 AM	52.8	48.2	4.6	1.5	-	54.3	47.7	6.6
04:05 AM - 04:10 AM	52.3	48.2	4.1	2.0	-	53.3	47.6	5.7
04:10 AM - 04:15 AM	51.0	48.0	3.0	3.0	-	51.0	47.6	3.4
04:15 AM - 04:20 AM	51.1	47.8	3.3	3.0	-	51.1	47.4	3.7
04:20 AM - 04:25 AM	50.9	47.8	3.1	3.0	-	50.9	47.5	3.4
04:25 AM - 04:30 AM	53.9	49.2	4.7	1.5	-	55.4	48.0	7.4
04:30 AM - 04:35 AM	52.2	47.6	4.6	1.5	-	53.7	47.2	6.5
04:35 AM - 04:40 AM	52.6	48.6	4.0	2.0	-	53.6	47.5	6.1
04:40 AM - 04:45 AM	53.2	54.3	-1.1	7.0	-	49.2	47.2	2.0
04:45 AM - 04:50 AM	52.0	50.2	1.8	4.5	-	50.5	47.2	3.3
04:50 AM - 04:55 AM	51.6	48.6	3.0	3.0	-	51.6	47.3	4.3
04:55 AM - 05:00 AM	51.9	48.6	3.3	3.0	-	51.9	47.8	4.1
05:00 AM - 05:05 AM	54.0	48.7	5.3	1.5	-	55.5	47.8	7.7
05:05 AM - 05:10 AM	52.5	49.5	3.0	3.0	-	52.5	48.4	4.1
05:10 AM - 05:15 AM	54.0	49.1	4.9	1.5	-	55.5	48.3	7.2
05:15 AM - 05:20 AM	53.8	49.5	4.3	2.0	-	54.8	48.8	6.0
05:20 AM - 05:25 AM	53.5	52.7	0.8	7.0	-	49.5	48.6	0.9
05:25 AM - 05:30 AM	52.0	53.6	-1.6	7.0	-	48.0	48.6	-0.6
05:30 AM - 05:35 AM	51.2	55.0	-3.8	7.0	-	47.2	48.7	-1.5
05:35 AM - 05:40 AM	52.0	52.6	-0.6	7.0	-	48.0	49.1	-1.1
05:40 AM - 05:45 AM	52.0	55.5	-3.5	7.0	-	48.0	49.5	-1.5
05:45 AM - 05:50 AM	50.7	58.1	-7.4	7.0	-	46.7	50.3	-3.6
05:50 AM - 05:55 AM	50.8	58.2	-7.4	7.0	-	46.8	50.4	-3.6
05:55 AM - 06:00 AM	50.6	56.7	-6.1	7.0	-	46.6	54.2	-7.6
06:00 AM - 07:00 AM	52.8	57.6	-4.8	7.0	-	48.8	48.6	-0.2
07:00 AM - 08:00 AM	53.2	55.7	-2.5	7.0	-	48.2	49.5	-1.3
08:00 AM - 09:00 AM	53.9	56.3	-2.4	7.0	-	46.9	48.6	-1.7
09:00 AM - 10:00 AM	57.8	48.3	9.5	0.5	-	57.3	45.3	12.0
10:00 AM - 11:00 AM	56.4	54.1	2.3	4.5	-	51.9	44.3	7.6
ค่ามาตรฐาน								≤ 10

Reference Method :
1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการวัดระดับเสียงรบกวน และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน :
1. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548

2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2548
ระดับเสียงจากแหล่งกำเนิด : ทหารพรานวัด วันที่ 02-03 พฤษภาคม 2566

ระดับเสียงที่ฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2338637-4 วันที่ตรวจวัด 02-03 พฤษภาคม 2566)

Wilab

Approved by

Wilawan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-5
Parameter เสียงรบกวน
Location โรงงานกลั่นสุรเทศภัณฑ์บ้านวังสูง (N1)
Measurement Date May 03 - 04, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651790-1

Page 1 of 3

เวลา	ระดับเสียง (dB(A))					การคำนวณ		
	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ระดับเสียง		ส่วนเกินค่า			
			ผลต่างระดับเสียง	ค่าปรับค่า				
							ปรับค่าเสียงจากแหล่งกำเนิด	
							ค่าจริง (A)	ค่าปรับ (B)
11:00 AM - 12:00 PM	55.0	61.3	-6.3	7.0	48.0	-	55.9	-7.9
12:00 PM - 01:00 PM	53.0	57.0	-2.0	7.0	48.0	-	50.1	-2.1
01:00 PM - 02:00 PM	53.3	59.8	-6.5	7.0	46.3	-	51.3	-5.0
02:00 PM - 03:00 PM	55.9	60.0	-4.1	7.0	48.9	-	53.7	-4.8
03:00 PM - 04:00 PM	52.7	56.5	-3.8	7.0	45.7	-	50.0	-4.3
04:00 PM - 05:00 PM	53.3	51.8	1.5	4.5	48.8	-	46.9	1.9
05:00 PM - 06:00 PM	53.2	52.1	1.1	7.0	46.2	-	47.9	-1.7
06:00 PM - 07:00 PM	55.8	51.9	3.9	2.0	53.8	-	46.5	7.3
07:00 PM - 08:00 PM	53.8	51.2	2.6	3.0	50.8	-	49.7	1.1
08:00 PM - 09:00 PM	51.5	51.8	-0.3	7.0	44.5	-	50.4	-5.9
09:00 PM - 10:00 PM	52.8	51.4	1.4	7.0	45.8	-	50.1	-4.3
10:00 PM - 10:05 PM	51.2	49.1	2.1	4.5	-	49.7	48.7	1.0
10:05 PM - 10:10 PM	52.6	49.2	3.4	3.0	-	52.6	48.5	4.1
10:10 PM - 10:15 PM	52.1	49.3	2.8	3.0	-	52.1	48.8	3.3
10:15 PM - 10:20 PM	54.3	49.2	5.1	1.5	-	55.8	48.8	7.0
10:20 PM - 10:25 PM	51.1	49.8	1.3	7.0	-	47.1	48.8	-1.7
10:25 PM - 10:30 PM	51.4	49.5	1.9	4.5	-	49.9	48.9	1.0
10:30 PM - 10:35 PM	51.6	50.8	0.8	7.0	-	47.6	48.7	-1.1
10:35 PM - 10:40 PM	51.7	49.1	2.6	3.0	-	51.7	48.6	3.1
10:40 PM - 10:45 PM	51.6	48.8	2.8	3.0	-	51.6	48.2	3.4
10:45 PM - 10:50 PM	51.6	49.1	2.5	3.0	-	51.6	48.6	3.0
10:50 PM - 10:55 PM	51.2	49.1	2.1	4.5	-	49.7	48.8	0.9
10:55 PM - 11:00 PM	51.8	48.5	3.3	3.0	-	51.8	48.1	3.7
11:00 PM - 11:05 PM	52.7	48.7	4.0	2.0	-	53.7	48.1	5.6
11:05 PM - 11:10 PM	51.5	49.3	2.2	4.5	-	50.0	48.4	1.6
11:10 PM - 11:15 PM	51.8	48.8	3.0	3.0	-	51.8	48.2	3.6
11:15 PM - 11:20 PM	51.9	48.6	3.3	3.0	-	51.9	48.0	3.9
11:20 PM - 11:25 PM	51.7	49.0	2.7	3.0	-	51.7	48.1	3.6
11:25 PM - 11:30 PM	52.1	49.2	2.9	3.0	-	52.1	48.8	3.3
11:30 PM - 11:35 PM	51.1	49.2	1.9	4.5	-	49.6	48.7	0.9
11:35 PM - 11:40 PM	51.3	48.9	2.4	4.5	-	49.8	48.5	1.3
11:40 PM - 11:45 PM	51.7	48.9	2.8	3.0	-	51.7	48.4	3.3
11:45 PM - 11:50 PM	51.7	49.2	2.5	3.0	-	51.7	48.5	3.2
11:50 PM - 11:55 PM	51.6	48.8	2.8	3.0	-	51.6	48.3	3.3
11:55 PM - 12:00 AM	51.3	48.8	2.5	3.0	-	51.3	48.4	2.9
12:00 AM - 12:05 AM	51.8	48.9	2.9	3.0	-	51.8	48.4	3.4
12:05 AM - 12:10 AM	52.3	48.1	4.2	2.0	-	53.3	47.8	5.5
12:10 AM - 12:15 AM	50.9	47.6	3.3	3.0	-	50.9	47.1	3.8
12:15 AM - 12:20 AM	52.2	47.8	4.4	2.0	-	53.2	47.3	5.9
12:20 AM - 12:25 AM	50.9	48.6	2.3	4.5	-	49.4	47.3	2.1

Wilab

Approved by

Wilawan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-5
Parameter เสียงรบกวน
Location โรงงานทดสอบสภาพด้านบ้านวังสูง (N1)
Measurement Date May 03 - 04, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651790-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))			เสียงพื้นฐาน	ค่าระดับการรบกวน
			ค่าเฉลี่ย	ค่าสูงสุด	ค่าต่ำสุด		
12:25 AM - 12:30 AM	51.5	47.6	3.9	5.9	2.0	47.2	5.3
12:30 AM - 12:35 AM	51.9	47.5	4.4	5.2	2.0	47.1	5.8
12:35 AM - 12:40 AM	51.3	47.8	3.5	5.2	2.0	47.4	4.9
12:40 AM - 12:45 AM	52.0	47.6	4.4	5.3	2.0	47.3	5.7
12:45 AM - 12:50 AM	51.7	47.6	4.1	5.2	2.0	47.2	5.5
12:50 AM - 12:55 AM	51.7	47.6	4.1	5.2	2.0	47.3	5.4
12:55 AM - 01:00 AM	51.6	47.8	3.8	5.2	2.0	47.0	5.3
01:00 AM - 01:05 AM	51.3	47.4	3.9	5.2	2.0	47.3	5.3
01:05 AM - 01:10 AM	51.4	47.6	3.8	5.2	2.0	47.1	5.3
01:10 AM - 01:15 AM	51.4	47.9	3.5	5.2	2.0	47.1	5.3
01:15 AM - 01:20 AM	51.5	47.2	4.3	5.2	2.0	46.9	5.6
01:20 AM - 01:25 AM	51.8	47.5	4.3	5.2	2.0	47.0	5.8
01:25 AM - 01:30 AM	51.3	47.8	3.5	5.2	2.0	46.9	5.4
01:30 AM - 01:35 AM	51.9	48.1	3.8	5.2	2.0	47.0	5.9
01:35 AM - 01:40 AM	53.7	47.8	5.9	5.2	1.5	47.0	8.2
01:40 AM - 01:45 AM	51.8	47.5	4.3	5.2	2.0	46.6	6.2
01:45 AM - 01:50 AM	51.5	47.3	4.2	5.2	2.0	46.6	5.9
01:50 AM - 01:55 AM	51.7	48.8	2.9	5.1	2.0	47.5	4.2
01:55 AM - 02:00 AM	51.4	47.6	3.8	5.2	2.0	46.8	5.6
02:00 AM - 02:05 AM	51.7	47.4	4.3	5.2	2.0	46.8	5.9
02:05 AM - 02:10 AM	51.0	47.2	3.8	5.2	2.0	46.8	5.2
02:10 AM - 02:15 AM	51.7	47.2	4.5	5.2	1.5	46.8	6.4
02:15 AM - 02:20 AM	51.5	47.0	4.5	5.3	1.5	46.5	6.5
02:20 AM - 02:25 AM	52.3	47.0	5.3	5.3	1.5	46.5	7.2
02:25 AM - 02:30 AM	51.3	47.1	4.2	5.3	1.5	46.6	7.0
02:30 AM - 02:35 AM	51.1	47.3	3.8	5.2	2.0	46.8	5.6
02:35 AM - 02:40 AM	51.8	47.4	4.4	5.2	2.0	46.9	5.3
02:40 AM - 02:45 AM	52.8	47.5	5.3	5.3	1.5	47.0	7.3
02:45 AM - 02:50 AM	52.5	47.4	5.1	5.4	1.5	47.0	7.0
02:50 AM - 02:55 AM	52.5	47.7	4.8	5.4	1.5	47.1	6.9
02:55 AM - 03:00 AM	53.8	48.5	5.3	5.3	1.5	47.1	8.2
03:00 AM - 03:05 AM	53.5	48.1	5.4	5.5	1.5	47.1	7.9
03:05 AM - 03:10 AM	51.6	47.9	3.7	5.2	2.0	47.3	5.3
03:10 AM - 03:15 AM	51.9	48.1	3.8	5.2	2.0	47.3	5.6
03:15 AM - 03:20 AM	52.9	48.5	4.4	5.3	2.0	47.2	6.2
03:20 AM - 03:25 AM	52.5	48.0	4.5	5.4	1.5	47.2	6.8
03:25 AM - 03:30 AM	51.5	47.7	3.8	5.2	2.0	47.1	5.4
03:30 AM - 03:35 AM	51.3	48.1	3.2	5.3	3.0	47.3	4.0
03:35 AM - 03:40 AM	51.6	48.5	3.1	5.1	3.0	47.5	4.1
03:40 AM - 03:45 AM	51.9	49.9	2.0	5.0	4.5	47.2	3.2

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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 : Nongyai
Project Location :

Sample No. 2338636-5
Parameter เสียงรบกวน
Location โรงงานทดสอบสภาพด้านบ้านวังสูง (N1)
Measurement Date May 03 - 04, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651790-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))			เสียงพื้นฐาน	ค่าระดับการรบกวน
			ค่าเฉลี่ย	ค่าสูงสุด	ค่าต่ำสุด		
03:45 AM - 03:50 AM	51.6	51.3	0.3	47.6	7.0	47.3	0.3
03:50 AM - 03:55 AM	51.9	48.0	3.9	52.9	2.0	47.3	5.6
03:55 AM - 04:00 AM	51.7	47.8	3.9	52.7	2.0	47.2	5.5
04:00 AM - 04:05 AM	51.9	48.0	3.9	52.9	2.0	47.3	5.6
04:05 AM - 04:10 AM	51.4	47.5	3.9	52.4	2.0	47.2	5.2
04:10 AM - 04:15 AM	52.2	47.6	4.6	53.7	2.0	47.2	6.5
04:15 AM - 04:20 AM	51.9	47.5	4.4	52.9	2.0	47.1	5.8
04:20 AM - 04:25 AM	51.3	51.6	-0.3	47.3	7.0	47.3	0.1
04:25 AM - 04:30 AM	52.8	50.0	2.8	52.8	2.0	47.2	5.6
04:30 AM - 04:35 AM	51.6	48.1	3.5	52.6	2.0	47.4	5.2
04:35 AM - 04:40 AM	51.8	47.3	4.5	53.3	1.5	46.8	6.5
04:40 AM - 04:45 AM	51.5	48.6	2.9	51.9	3.0	47.4	4.1
04:45 AM - 04:50 AM	51.5	48.4	3.1	51.5	3.0	47.5	4.0
04:50 AM - 04:55 AM	52.2	47.6	4.6	53.7	1.5	47.0	6.7
04:55 AM - 05:00 AM	52.1	53.0	-0.9	48.1	7.0	47.3	0.8
05:00 AM - 05:05 AM	52.6	50.4	2.2	51.1	4.5	47.6	3.5
05:05 AM - 05:10 AM	52.9	51.6	1.3	48.9	7.0	47.6	1.3
05:10 AM - 05:15 AM	54.7	52.0	2.7	54.7	3.0	47.7	7.0
05:15 AM - 05:20 AM	52.5	51.4	1.1	48.5	7.0	47.8	0.7
05:20 AM - 05:25 AM	54.4	52.3	2.1	52.9	4.5	47.6	5.3
05:25 AM - 05:30 AM	56.6	54.1	2.5	56.6	4.5	47.5	9.1
05:30 AM - 05:35 AM	53.5	53.9	-0.4	49.5	7.0	47.5	2.0
05:35 AM - 05:40 AM	54.3	52.6	1.7	52.8	4.5	47.5	5.3
05:40 AM - 05:45 AM	62.8	54.3	8.5	65.3	0.5	47.8	17.5
05:45 AM - 05:50 AM	53.8	57.2	-3.4	49.8	7.0	48.3	1.5
05:50 AM - 05:55 AM	59.2	64.5	-5.3	55.2	7.0	48.2	7.0
05:55 AM - 06:00 AM	58.2	66.0	-7.8	54.2	7.0	47.2	7.0
06:00 AM - 07:00 AM	56.1	56.9	-0.8	49.1	49.1	-	1.8
07:00 AM - 08:00 AM	58.2	57.8	0.4	51.2	7.0	51.4	-0.2
08:00 AM - 09:00 AM	60.2	55.9	4.3	50.4	2.0	50.4	7.8
09:00 AM - 10:00 AM	54.0	56.9	-2.9	47.0	7.0	50.4	-3.4
10:00 AM - 11:00 AM	54.3	55.2	-0.9	47.3	7.0	50.0	-2.7

Reference Method :

- ISO 1996-1
- ประกาศกรมอุตสาหกรรมพื้นฐานและการเหมืองแร่ เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่ได้จากการประกอบกิจกรรมโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจกรรมโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจกรรมโรงงานในเขตอุตสาหกรรม พ.ศ. 2561

ระดับเสียงพื้นฐานและระดับเสียงรบกวนในกิจกรรม (Sample No.2338637-5 วันที่ตรวจวัด 03-04 พฤษภาคม 2566)

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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 : Nongyai
Project Location :

Sample No. 2338636-6
Parameter เสียงรบกวน
Location โรงงานกลั่นสุรเทศาพด้านบ้านวังสูง (N1)
Measurement Date May 04 - 05, 2023
Measurement by Panuwat Wangpong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651791-1

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เวลา	ระดับเสียง (dB(A))						ค่าระดับการรบกวน		
	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ส่วนเกิน		เสียงพื้นฐาน			
				ค่าจริง	ค่าเฉลี่ย				
								ปรับค่าเสียงจากแหล่งกำเนิด	เสียงพื้นฐาน
11:00 AM - 12:00 PM	54.0	49.0	5.0	1.5	52.5	-	44.5	8.0	
12:00 PM - 01:00 PM	54.8	50.1	4.7	1.5	53.3	-	44.5	8.8	
01:00 PM - 02:00 PM	53.9	49.0	4.9	1.5	52.4	-	45.1	7.3	
02:00 PM - 03:00 PM	56.0	51.0	5.0	1.5	54.5	-	45.5	9.0	
03:00 PM - 04:00 PM	53.6	50.5	3.1	3.0	50.6	-	44.9	5.7	
04:00 PM - 05:00 PM	53.5	48.7	4.8	1.5	52.0	-	44.5	7.5	
05:00 PM - 06:00 PM	55.1	50.1	5.0	1.5	53.6	-	44.7	8.9	
06:00 PM - 07:00 PM	56.2	52.0	4.2	2.0	54.2	-	45.6	8.6	
07:00 PM - 08:00 PM	51.5	49.5	2.0	4.5	47.0	-	47.3	-0.3	
08:00 PM - 09:00 PM	51.7	47.9	3.8	2.0	49.7	-	47.0	2.7	
09:00 PM - 10:00 PM	52.0	48.0	4.0	2.0	50.0	-	47.1	2.9	
10:00 PM - 10:05 PM	52.0	48.1	3.9	2.0	50.0	-	47.5	5.5	
10:05 PM - 10:10 PM	51.3	47.9	3.4	3.0	51.3	-	47.5	3.8	
10:10 PM - 10:15 PM	56.7	47.9	8.8	0.5	59.2	-	47.5	11.7	
10:15 PM - 10:20 PM	51.7	47.5	4.2	2.0	52.7	-	47.1	5.6	
10:20 PM - 10:25 PM	51.3	48.9	2.4	4.5	49.8	-	47.3	2.5	
10:25 PM - 10:30 PM	50.5	51.0	-0.5	7.0	46.5	-	46.9	-0.4	
10:30 PM - 10:35 PM	51.2	47.6	3.6	2.0	52.2	-	47.2	5.0	
10:35 PM - 10:40 PM	50.3	48.2	2.1	4.5	48.6	-	47.1	1.7	
10:40 PM - 10:45 PM	50.7	48.4	2.3	4.5	49.2	-	47.4	1.8	
10:45 PM - 10:50 PM	50.6	48.3	2.3	4.5	49.1	-	47.4	1.7	
10:50 PM - 10:55 PM	51.0	47.6	3.4	3.0	51.0	-	47.0	4.0	
10:55 PM - 11:00 PM	51.5	47.2	4.3	2.0	52.5	-	46.7	5.8	
11:00 PM - 11:05 PM	51.8	46.3	5.5	1.5	53.3	-	45.5	7.8	
11:05 PM - 11:10 PM	51.9	45.9	6.0	1.5	53.4	-	45.4	8.0	
11:10 PM - 11:15 PM	50.7	46.1	4.6	1.5	52.2	-	45.6	6.6	
11:15 PM - 11:20 PM	51.7	46.6	5.1	1.5	53.2	-	45.8	7.4	
11:20 PM - 11:25 PM	52.2	47.5	4.7	1.5	53.7	-	45.9	7.8	
11:25 PM - 11:30 PM	53.1	46.7	6.4	1.5	54.6	-	45.7	8.9	
11:30 PM - 11:35 PM	51.3	51.5	-0.2	7.0	47.3	-	46.2	1.1	
11:35 PM - 11:40 PM	50.9	47.1	3.8	2.0	51.9	-	45.9	6.0	
11:40 PM - 11:45 PM	51.1	49.5	1.6	4.5	49.6	-	48.3	1.3	
11:45 PM - 11:50 PM	51.5	48.9	2.6	3.0	51.5	-	48.3	3.2	
11:50 PM - 11:55 PM	56.8	48.5	8.3	0.5	59.3	-	48.0	11.3	
11:55 PM - 12:00 AM	52.4	48.5	3.9	2.0	53.4	-	48.0	5.4	
12:00 AM - 12:05 AM	51.5	48.9	2.6	3.0	51.5	-	48.3	3.2	
12:05 AM - 12:10 AM	51.5	49.7	1.8	4.5	50.0	-	48.3	1.7	
12:10 AM - 12:15 AM	51.6	51.7	-0.1	7.0	47.6	-	48.4	-0.8	
12:15 AM - 12:20 AM	51.7	49.1	2.6	3.0	51.7	-	48.1	3.6	
12:20 AM - 12:25 AM	52.8	48.2	4.6	1.5	54.3	-	47.5	6.8	

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak



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 : Nongyai
Project Location :

Sample No. 2338636-6
Parameter เสียงรบกวน
Location โรงงานกลั่นสุรเทศาพด้านบ้านวังสูง (N1)
Measurement Date May 04 - 05, 2023
Measurement by Panuwat Wangpong
Sound Level Meter 00472132



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651791-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะปฏิบัติการขนถ่าย	ระดับเสียง (dB(A))					ค่าระดับการรบกวน	
			(A)	(B)	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะปฏิบัติการขนถ่าย	(A)	(B)	ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด	เสียงพื้นฐาน	ค่าระดับการรบกวน
12:25 AM - 12:30 AM	51.5	48.4	3.1	3.0	51.5	47.8	3.7		
12:30 AM - 12:35 AM	51.2	48.5	2.7	3.0	51.2	47.6	3.6		
12:35 AM - 12:40 AM	51.0	49.0	2.0	4.5	49.5	47.8	1.7		
12:40 AM - 12:45 AM	51.7	48.3	3.4	3.0	51.7	47.8	3.9		
12:45 AM - 12:50 AM	51.4	48.2	3.2	3.0	51.4	47.8	3.6		
12:50 AM - 12:55 AM	52.0	48.2	3.8	2.0	53.0	47.7	5.3		
12:55 AM - 01:00 AM	52.0	48.1	3.9	2.0	53.0	47.6	5.4		
01:00 AM - 01:05 AM	51.8	47.4	4.4	2.0	52.8	46.7	6.1		
01:05 AM - 01:10 AM	51.9	47.0	4.9	1.5	53.4	46.6	6.8		
01:10 AM - 01:15 AM	51.4	47.5	3.9	2.0	52.4	47.0	5.4		
01:15 AM - 01:20 AM	52.5	47.5	5.0	1.5	54.0	47.0	7.0		
01:20 AM - 01:25 AM	51.4	48.4	3.0	3.0	51.4	47.9	3.5		
01:25 AM - 01:30 AM	53.7	48.2	5.5	1.5	55.2	47.7	7.5		
01:30 AM - 01:35 AM	52.0	48.4	3.6	2.0	53.0	47.6	5.4		
01:35 AM - 01:40 AM	52.0	47.7	4.3	2.0	53.0	47.2	5.8		
01:40 AM - 01:45 AM	52.0	48.5	3.5	2.0	53.0	47.5	5.5		
01:45 AM - 01:50 AM	52.1	48.6	3.5	2.0	53.1	47.6	5.5		
01:50 AM - 01:55 AM	51.4	47.7	3.7	2.0	52.4	47.2	5.2		
01:55 AM - 02:00 AM	51.5	48.1	3.4	3.0	51.5	47.4	4.1		
02:00 AM - 02:05 AM	51.7	48.2	3.5	2.0	52.7	47.2	5.5		
02:05 AM - 02:10 AM	52.2	47.8	4.4	2.0	53.2	46.9	6.3		
02:10 AM - 02:15 AM	52.4	47.6	4.8	1.5	53.9	47.1	6.8		
02:15 AM - 02:20 AM	52.2	47.7	4.5	1.5	53.7	47.2	6.5		
02:20 AM - 02:25 AM	54.0	48.0	6.0	1.5	55.5	47.2	8.3		
02:25 AM - 02:30 AM	52.6	47.8	4.8	1.5	54.1	46.8	8.3		
02:30 AM - 02:35 AM	54.3	47.7	6.6	1.0	56.3	46.6	9.7		
02:35 AM - 02:40 AM	52.6	48.6	4.0	2.0	53.6	47.0	6.6		
02:40 AM - 02:45 AM	52.3	48.1	4.2	2.0	53.3	47.2	6.1		
02:45 AM - 02:50 AM	51.7	49.0	2.7	3.0	51.7	47.5	4.2		
02:50 AM - 02:55 AM	53.7	48.9	4.8	1.5	55.2	47.5	7.7		
02:55 AM - 03:00 AM	52.0	47.8	4.2	2.0	53.0	47.1	5.9		
03:00 AM - 03:05 AM	50.9	48.3	2.6	3.0	50.9	47.1	3.8		
03:05 AM - 03:10 AM	51.5	49.1	2.4	4.5	50.0	47.5	2.5		
03:10 AM - 03:15 AM	52.8	48.2	4.6	1.5	54.3	47.4	6.9		
03:15 AM - 03:20 AM	52.4	48.0	4.4	2.0	53.4	47.3	6.1		
03:20 AM - 03:25 AM	51.8	49.1	2.7	3.0	51.8	47.3	4.5		
03:25 AM - 03:30 AM	51.7	49.2	2.5	3.0	51.7	47.1	4.6		
03:30 AM - 03:35 AM	52.5	48.3	4.2	2.0	53.5	46.1	7.4		
03:35 AM - 03:40 AM	51.7	48.4	3.3	3.0	51.7	46.7	5.0		
03:40 AM - 03:45 AM	51.6	48.2	3.4	3.0	51.6	46.7	5.0		

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak



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 :

P/O :
Project Name : Nongyai
Project Location :

Sample No.	2338636-6
Parameter	เสียงรบกวน
Location	โรงพยาบาลส่งเสริมสุขภาพตำบลบ้านวังสูง (N1)
Measurement Date	May 04 - 05, 2023
Measurement by	Panuwat Wangbong
Sound Level Meter	00472132

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TESTING
No. 0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651791-1

Report Number : 2651791-1

Sample No.	Parameter	Location	Measurement Date	Measurement by	Sound Level Meter
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Project Name	: Nongyai
Project Location	:

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

Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. 1talhai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Nongyai
Project Location :

Sample No.	2338636-7
Parameter	เสียงรบกวน
Location	โรงพยาบาลส่งเสริมสุขภาพตำบลบ้านสูง (N1)
Measurement Date	May 05 - 06, 2023
Measurement by	Paruwat Wangbong
Sound Level Meter	00472132

Page 1 of 3

TESTING
No. 0042

Lot ID: 2338636

Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651792-1

เวลา	ระดับเสียง (dB(A))					การประเมินผลกระทบ
	(A)	(B)	(C)	(D)	(E)	
03:45 AM - 03:50 AM	51.3	47.3	4.0	2.0	52.3	6.5
03:50 AM - 03:55 AM	53.0	47.5	5.5	1.5	54.5	8.3
03:55 AM - 04:00 AM	53.0	47.3	5.7	1.5	54.5	8.0
04:00 AM - 04:05 AM	51.7	48.0	3.7	2.0	52.7	6.3
04:05 AM - 04:10 AM	51.5	48.7	2.8	3.0	51.5	4.8
04:10 AM - 04:15 AM	51.2	48.7	2.5	3.0	51.2	3.9
04:15 AM - 04:20 AM	51.5	53.2	-1.7	7.0	47.5	1.4
04:20 AM - 04:25 AM	53.3	51.9	1.4	7.0	49.3	3.6
04:25 AM - 04:30 AM	54.1	46.3	7.8	0.5	56.6	11.0
04:30 AM - 04:35 AM	51.9	46.1	5.8	1.5	53.4	45.6
04:35 AM - 04:40 AM	51.9	47.5	4.4	2.0	52.9	7.3
04:40 AM - 04:45 AM	51.7	53.3	-1.6	7.0	47.7	-0.1
04:45 AM - 04:50 AM	51.6	53.6	-2.0	7.0	47.6	1.7
04:50 AM - 04:55 AM	53.3	51.3	2.0	4.5	51.8	6.5
04:55 AM - 05:00 AM	52.7	52.7	0.0	7.0	48.7	2.5
05:00 AM - 05:05 AM	52.6	55.1	-2.5	7.0	48.6	2.7
05:05 AM - 05:10 AM	51.9	52.8	-0.9	7.0	47.9	2.0
05:10 AM - 05:15 AM	52.8	53.0	-0.2	7.0	48.8	2.3
05:15 AM - 05:20 AM	53.9	54.0	-0.1	7.0	49.9	3.5
05:20 AM - 05:25 AM	53.3	50.4	2.9	3.0	53.3	45.9
05:25 AM - 05:30 AM	54.0	46.9	7.1	1.0	56.0	10.0
05:30 AM - 05:35 AM	54.2	48.5	5.7	1.5	55.7	46.2
05:35 AM - 05:40 AM	54.6	54.8	-0.2	7.0	50.6	4.6
05:40 AM - 05:45 AM	61.9	59.4	2.5	0.5	61.9	46.6
05:45 AM - 05:50 AM	66.3	58.5	7.8	3.0	68.8	15.3
05:50 AM - 05:55 AM	57.8	57.2	0.6	7.0	53.8	47.4
05:55 AM - 06:00 AM	54.7	59.4	-4.7	7.0	50.7	6.4
06:00 AM - 07:00 AM	57.4	56.1	1.3	7.0	50.4	3.7
07:00 AM - 08:00 AM	60.0	57.0	3.0	3.0	57.0	10.5
08:00 AM - 09:00 AM	58.0	55.0	3.0	3.0	55.0	9.1
09:00 AM - 10:00 AM	54.5	50.1	4.4	2.0	52.5	45.1
10:00 AM - 11:00 AM	53.2	49.4	3.8	2.0	51.2	46.5

Reference Method :

1. ISO 1996-1
2. ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิชาการวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2533

มาดาม

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561 ระดับเสียงจากแหล่งเกิด หากการตรวจวัด วันที่ 04-05 พฤษภาคม 2566

ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2338637-6 วันที่ตรวจวัด 04-05 พฤษภาคม 2566)

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Approved by

Wilawan Bor
Manager

WLB

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**Wilawan Borirak
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 : Nongyai

Project Name :

Project Location :

Sample No. 2338636-7

Parameter เสียงรบกวน

Location โรงงานก่อสร้างสนามบินท่าอากาศยานวังทอง (N1)

Measurement Date May 05 - 06, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472132

TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023

Date Reported : May 15, 2023

Report Number : 2651792-1

Page 2 of 3



เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))			เสียงพื้นฐาน	ค่าการรบกวน
			ค่าเฉลี่ย	ค่าสูงสุด	ค่าต่ำสุด		
12:25 AM - 12:30 AM	52.1	47.8	4.3	2.0	53.1	47.2	5.9
12:30 AM - 12:35 AM	52.3	49.4	2.9	3.0	52.3	47.1	5.2
12:35 AM - 12:40 AM	51.7	48.4	3.3	3.0	51.7	47.6	4.1
12:40 AM - 12:45 AM	51.6	49.4	2.2	4.5	50.1	47.6	2.5
12:45 AM - 12:50 AM	52.4	47.9	4.5	1.5	53.9	47.5	6.4
12:50 AM - 12:55 AM	51.4	48.0	3.4	3.0	51.4	47.6	3.8
12:55 AM - 01:00 AM	52.1	47.9	4.2	2.0	53.1	47.5	5.6
01:00 AM - 01:05 AM	51.7	48.1	3.6	2.0	52.7	47.6	5.1
01:05 AM - 01:10 AM	51.6	48.6	3.0	3.0	51.6	47.5	4.1
01:10 AM - 01:15 AM	52.1	48.0	4.1	2.0	53.1	47.5	5.6
01:15 AM - 01:20 AM	52.6	47.7	4.9	1.5	54.1	47.3	6.8
01:20 AM - 01:25 AM	52.0	47.9	4.1	2.0	53.0	47.4	5.6
01:25 AM - 01:30 AM	52.6	48.0	4.6	1.5	54.1	47.5	6.6
01:30 AM - 01:35 AM	52.6	48.3	4.2	2.0	53.5	47.7	5.8
01:35 AM - 01:40 AM	52.9	48.5	4.4	2.0	53.9	47.8	6.1
01:40 AM - 01:45 AM	51.7	47.9	3.8	2.0	52.7	47.5	5.2
01:45 AM - 01:50 AM	51.7	48.9	2.8	3.0	51.7	47.8	3.9
01:50 AM - 01:55 AM	51.2	50.3	0.9	7.0	47.2	47.8	-0.6
01:55 AM - 02:00 AM	52.2	49.5	2.7	3.0	52.2	47.9	4.3
02:00 AM - 02:05 AM	51.8	48.2	3.6	2.0	52.8	47.9	4.9
02:05 AM - 02:10 AM	54.5	48.5	6.0	1.5	56.0	47.9	8.1
02:10 AM - 02:15 AM	51.9	48.4	3.5	2.0	52.9	47.9	5.0
02:15 AM - 02:20 AM	51.5	48.3	3.2	3.0	51.5	47.9	3.6
02:20 AM - 02:25 AM	51.7	50.1	1.6	4.5	50.2	48.2	2.0
02:25 AM - 02:30 AM	51.3	49.5	1.8	4.5	50.5	48.0	1.8
02:30 AM - 02:35 AM	52.0	48.6	3.4	3.0	52.0	48.1	3.9
02:35 AM - 02:40 AM	52.5	48.2	4.3	2.0	53.5	47.8	5.7
02:40 AM - 02:45 AM	51.4	48.1	3.3	3.0	51.4	47.7	3.7
02:45 AM - 02:50 AM	52.8	48.0	4.8	1.5	54.3	47.6	6.7
02:50 AM - 02:55 AM	52.0	49.7	2.3	4.5	50.5	47.9	2.6
02:55 AM - 03:00 AM	52.3	48.3	4.0	2.0	53.3	47.8	5.5
03:00 AM - 03:05 AM	52.0	48.0	4.0	2.0	53.0	47.5	5.5
03:05 AM - 03:10 AM	51.3	52.0	-0.7	7.0	47.3	47.5	-0.2
03:10 AM - 03:15 AM	51.9	48.2	3.7	2.0	52.9	47.6	5.3
03:15 AM - 03:20 AM	51.5	48.0	3.5	2.0	52.5	47.6	4.9
03:20 AM - 03:25 AM	52.0	47.8	4.2	2.0	53.0	47.5	5.5
03:25 AM - 03:30 AM	51.6	47.8	3.8	2.0	52.6	47.5	5.1
03:30 AM - 03:35 AM	51.9	48.3	3.6	2.0	52.9	47.6	5.3
03:35 AM - 03:40 AM	51.8	47.6	4.2	2.0	52.8	47.2	5.6
03:40 AM - 03:45 AM	51.7	48.1	3.6	2.0	52.7	47.6	5.1

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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 : Nongyai

Project Name :

Project Location :

Sample No. 2338636-7

Parameter เสียงรบกวน

Location โรงงานก่อสร้างสนามบินท่าอากาศยานวังทอง (N1)

Measurement Date May 05 - 06, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472132

TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023

Date Reported : May 15, 2023

Report Number : 2651792-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))			เสียงพื้นฐาน	ค่าการรบกวน
			ค่าเฉลี่ย	ค่าสูงสุด	ค่าต่ำสุด		
03:45 AM - 03:50 AM	51.5	48.1	3.4	3.0	51.5	47.3	4.2
03:50 AM - 03:55 AM	51.4	48.2	3.2	3.0	51.4	47.1	4.3
03:55 AM - 04:00 AM	52.2	49.8	2.4	4.5	50.7	47.8	2.9
04:00 AM - 04:05 AM	52.3	48.3	4.0	2.0	53.3	47.1	6.2
04:05 AM - 04:10 AM	52.3	47.9	4.4	2.0	53.3	47.1	6.2
04:10 AM - 04:15 AM	52.1	48.5	3.6	2.0	53.1	47.5	5.6
04:15 AM - 04:20 AM	51.1	53.1	-2.0	7.0	47.1	47.8	-0.7
04:20 AM - 04:25 AM	51.4	49.4	2.0	4.5	49.9	47.6	2.3
04:25 AM - 04:30 AM	51.4	48.5	2.9	3.0	51.4	47.7	3.7
04:30 AM - 04:35 AM	52.9	48.8	4.1	2.0	53.9	47.7	6.2
04:35 AM - 04:40 AM	53.7	52.8	0.9	7.0	49.7	47.4	2.3
04:40 AM - 04:45 AM	52.1	52.1	0.0	7.0	48.1	47.5	0.6
04:45 AM - 04:50 AM	52.7	50.8	1.9	4.5	51.2	47.4	3.8
04:50 AM - 04:55 AM	53.0	52.2	0.8	7.0	49.0	47.3	1.7
04:55 AM - 05:00 AM	52.9	52.1	0.8	7.0	48.9	47.1	1.8
05:00 AM - 05:05 AM	53.1	50.1	3.0	3.0	53.1	47.2	5.9
05:05 AM - 05:10 AM	53.0	54.4	-1.4	7.0	49.0	47.5	1.5
05:10 AM - 05:15 AM	53.2	51.8	1.4	7.0	49.2	47.4	1.8
05:15 AM - 05:20 AM	54.2	52.6	1.6	4.5	52.7	47.0	5.7
05:20 AM - 05:25 AM	54.1	54.5	-0.4	7.0	50.1	47.0	3.1
05:25 AM - 05:30 AM	53.6	52.4	1.2	7.0	49.6	47.0	2.6
05:30 AM - 05:35 AM	55.3	53.8	1.5	4.5	53.8	47.2	6.6
05:35 AM - 05:40 AM	53.3	52.0	1.3	7.0	49.3	47.3	2.0
05:40 AM - 05:45 AM	53.5	56.4	-2.9	7.0	49.5	47.0	2.5
05:45 AM - 05:50 AM	57.5	57.5	0.0	7.0	53.5	47.3	6.2
05:50 AM - 05:55 AM	59.9	57.7	2.2	4.5	58.4	47.5	10.9
05:55 AM - 06:00 AM	69.9	58.5	11.4	0.5	72.4	46.9	26.5
06:00 AM - 07:00 AM	56.3	60.1	-3.8	7.0	49.3	46.4	2.9
07:00 AM - 08:00 AM	57.2	55.0	2.2	4.5	52.7	46.6	6.1
08:00 AM - 09:00 AM	56.5	53.4	3.1	3.0	53.5	46.9	7.8
09:00 AM - 10:00 AM	55.2	48.7	6.5	1.0	54.2	45.6	8.6
10:00 AM - 11:00 AM	56.7	47.4	9.3	0.5	56.2	42.3	13.9
รวมค่าเฉลี่ย							≤ 10

Reference Method :

1. ISO 1996-1

2. ประกาศกรมอุตุนิยมวิทยา เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่ได้จากการประกอบกิจกรรม พ.ศ. 2553

ภาคธุรกิจ

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจกรรม พ.ศ. 2548

2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจกรรมในสถานอุตสาหกรรม พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทิศทางวัด วันที่ 05-06 พฤษภาคม 2566

ระดับเสียงพื้นฐานและระดับเสียงรบกวนในกิจกรรม (Sample No.2338637-7 วันที่ตรวจวัด 05-06 พฤษภาคม 2566)

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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 : Nongyai
Project Location :

Sample No. 2338636-8
Parameter เสียงรบกวน
Location พท.4 กรุงเทพมหานคร ตำบลบางพลีใหญ่ (N2)
Measurement Date Apr 29 - 30, 2023
Measurement by Parinwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651793-1

Page 1 of 3

เวลา	ระดับเสียง (dB(A))						ค่าเฉลี่ยการรวม
	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการ	ผลต่างระดับเสียง	ค่าเฉลี่ย		เสียงที่ผ่านกำแพง	
				ค่าเฉลี่ย	ค่าเฉลี่ย		
12:00 PM - 01:00 PM	49.4	53.2	-3.8	7.0	42.4	40.2	2.2
01:00 PM - 02:00 PM	59.8	49.3	10.5	0.5	59.3	41.4	17.9
02:00 PM - 03:00 PM	62.8	51.3	11.5	0.5	62.3	40.6	21.7
03:00 PM - 04:00 PM	60.7	50.1	10.6	0.5	60.2	41.5	18.7
04:00 PM - 05:00 PM	59.6	61.4	-1.8	7.0	52.6	41.8	10.8
05:00 PM - 06:00 PM	53.1	62.2	-9.1	7.0	46.1	52.3	-6.2
06:00 PM - 07:00 PM	55.6	61.2	-5.6	7.0	48.6	54.9	-6.3
07:00 PM - 08:00 PM	53.8	52.9	0.9	7.0	46.8	45.1	1.7
08:00 PM - 09:00 PM	51.2	53.7	-2.5	7.0	44.2	46.2	-2.0
09:00 PM - 10:00 PM	49.0	55.6	-6.6	7.0	42.0	49.9	-7.9
10:00 PM - 10:05 PM	55.3	51.0	4.3	2.0	56.3	50.2	6.1
10:05 PM - 10:10 PM	57.0	55.7	1.3	7.0	53.0	50.9	2.1
10:10 PM - 10:15 PM	51.1	53.2	-2.1	7.0	47.1	50.1	-3.0
10:15 PM - 10:20 PM	51.6	57.1	-5.5	7.0	47.6	49.8	-2.2
10:20 PM - 10:25 PM	50.8	51.0	-0.2	7.0	46.8	49.6	-2.8
10:25 PM - 10:30 PM	51.5	50.8	0.7	7.0	47.3	49.3	-1.8
10:30 PM - 10:35 PM	45.0	50.1	-5.1	7.0	41.0	49.5	-8.5
10:35 PM - 10:40 PM	45.1	50.1	-5.0	7.0	41.1	49.6	-8.5
10:40 PM - 10:45 PM	46.4	50.2	-3.8	7.0	42.4	49.6	-7.2
10:45 PM - 10:50 PM	48.1	50.4	-2.3	7.0	44.1	49.7	-5.6
10:50 PM - 10:55 PM	51.6	50.8	0.8	7.0	47.6	49.5	-1.9
10:55 PM - 11:00 PM	52.6	53.2	-0.6	7.0	48.6	49.0	-0.4
11:00 PM - 11:05 PM	51.8	50.2	1.6	4.5	50.3	49.1	1.2
11:05 PM - 11:10 PM	51.9	49.8	2.1	4.5	50.4	46.3	4.1
11:10 PM - 11:15 PM	51.5	49.8	1.7	4.5	50.0	47.5	2.5
11:15 PM - 11:20 PM	50.5	54.2	-3.7	7.0	46.5	49.7	-3.2
11:20 PM - 11:25 PM	48.4	52.1	-3.7	7.0	44.4	51.2	-6.8
11:25 PM - 11:30 PM	48.0	51.8	-3.8	7.0	44.0	50.7	-6.7
11:30 PM - 11:35 PM	51.4	51.5	-0.1	7.0	47.4	50.7	-3.3
11:35 PM - 11:40 PM	50.6	55.7	-5.1	7.0	46.6	46.8	-0.2
11:40 PM - 11:45 PM	49.4	50.3	-0.9	7.0	45.4	44.8	0.6
11:45 PM - 11:50 PM	50.9	46.4	4.5	1.5	52.4	44.3	8.1
11:50 PM - 11:55 PM	51.1	46.3	4.8	1.5	52.6	44.1	8.5
11:55 PM - 12:00 AM	50.5	50.4	0.1	7.0	46.5	43.5	3.0
12:00 AM - 12:05 AM	50.2	46.2	4.0	2.0	51.2	42.9	8.3
12:05 AM - 12:10 AM	47.0	56.8	-9.8	7.0	43.0	44.8	-1.8
12:10 AM - 12:15 AM	47.5	48.8	-1.3	7.0	43.5	45.8	-2.3
12:15 AM - 12:20 AM	48.2	50.5	-2.3	7.0	44.2	49.7	-5.5
12:20 AM - 12:25 AM	49.6	50.5	-0.9	7.0	45.6	49.3	-3.4
12:25 AM - 12:30 AM	50.2	50.4	-0.2	7.0	46.2	49.6	-3.7

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak



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 : Nongyai
Project Location :

Sample No. 2338636-8
Parameter เสียงรบกวน
Location พท.4 กรุงเทพมหานคร ตำบลบางพลีใหญ่ (N2)
Measurement Date Apr 29 - 30, 2023
Measurement by Parinwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651793-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	(A)	เสียงขณะปฏิบัติการงาน	ระดับเสียง (dB(A))			เสียงพื้นฐาน (B)	ค่าระดับการรวมกัน
				ผลต่างระดับเสียง	ค่าปรับแก้ (C)	ปรับค่าเสียงจากแหล่งกำเนิดกลางคืน (D)		
12:30 AM - 12:35 AM	50.9	50.0	0.9	7.0	-	46.9	48.3	-1.4
12:35 AM - 12:40 AM	52.7	46.5	6.2	1.5	-	54.2	43.4	10.8
12:40 AM - 12:45 AM	51.4	45.7	5.7	1.5	-	52.9	43.6	9.3
12:45 AM - 12:50 AM	53.1	45.8	7.3	1.0	-	55.1	44.0	11.1
12:50 AM - 12:55 AM	51.4	44.8	6.6	1.0	-	53.4	43.4	10.0
12:55 AM - 01:00 AM	50.6	44.8	5.8	1.5	-	52.1	41.9	10.2
01:00 AM - 01:05 AM	47.1	45.8	1.3	7.0	-	46.1	43.9	-0.8
01:05 AM - 01:10 AM	50.4	52.5	-2.1	7.0	-	43.4	43.9	2.5
01:10 AM - 01:15 AM	49.7	45.0	4.7	1.5	-	51.2	43.6	7.6
01:15 AM - 01:20 AM	50.7	44.7	6.0	1.5	-	52.2	43.6	8.6
01:20 AM - 01:25 AM	50.4	44.5	5.9	1.5	-	51.9	43.8	8.1
01:25 AM - 01:30 AM	47.2	44.0	3.2	3.0	-	47.2	41.3	5.9
01:30 AM - 01:35 AM	47.6	45.2	2.4	4.5	-	46.1	44.2	1.9
01:35 AM - 01:40 AM	43.8	45.0	-1.2	7.0	-	39.8	44.2	-4.4
01:40 AM - 01:45 AM	47.4	45.6	1.8	4.5	-	45.9	44.2	1.7
01:45 AM - 01:50 AM	47.4	44.7	2.7	3.0	-	47.4	43.9	3.5
01:50 AM - 01:55 AM	45.4	45.3	0.1	7.0	-	41.4	44.0	-2.6
01:55 AM - 02:00 AM	40.9	43.6	-2.7	7.0	-	36.9	41.1	-4.2
02:00 AM - 02:05 AM	44.3	45.2	-0.9	7.0	-	40.3	44.0	-3.7
02:05 AM - 02:10 AM	41.5	44.8	-3.3	7.0	-	37.5	43.9	-6.4
02:10 AM - 02:15 AM	43.0	44.8	-1.8	7.0	-	39.0	43.7	-4.7
02:15 AM - 02:20 AM	43.2	45.1	-1.9	7.0	-	39.2	44.1	-4.9
02:20 AM - 02:25 AM	42.1	45.4	-3.3	7.0	-	38.1	44.3	-6.2
02:25 AM - 02:30 AM	40.4	44.6	-4.2	7.0	-	36.4	43.6	-7.2
02:30 AM - 02:35 AM	40.2	43.9	-3.7	7.0	-	36.2	42.6	-6.4
02:35 AM - 02:40 AM	40.1	44.8	-4.7	7.0	-	36.1	43.5	-7.4
02:40 AM - 02:45 AM	41.5	45.0	-3.5	7.0	-	37.5	43.7	-6.2
02:45 AM - 02:50 AM	40.9	44.1	-3.2	7.0	-	36.9	43.1	-6.2
02:50 AM - 02:55 AM	41.8	43.9	-2.1	7.0	-	37.8	42.2	-5.4
02:55 AM - 03:00 AM	42.4	43.7	-1.3	7.0	-	38.4	41.3	-2.9
03:00 AM - 03:05 AM	41.5	44.3	-2.8	7.0	-	37.5	43.3	-5.8
03:05 AM - 03:10 AM	42.9	43.8	-0.9	7.0	-	38.9	43.1	-4.2
03:10 AM - 03:15 AM	41.8	43.0	-1.2	7.0	-	37.8	39.6	-1.8
03:15 AM - 03:20 AM	41.3	44.1	-2.8	7.0	-	37.3	43.3	-6.0
03:20 AM - 03:25 AM	41.2	44.2	-3.0	7.0	-	37.2	43.2	-6.0
03:25 AM - 03:30 AM	42.6	44.5	-1.9	7.0	-	38.6	42.5	-3.9
03:30 AM - 03:35 AM	42.3	44.6	-2.3	7.0	-	38.3	43.5	-5.2
03:35 AM - 03:40 AM	40.4	44.6	-4.2	7.0	-	36.4	43.5	-7.1
03:40 AM - 03:45 AM	40.2	44.0	-3.8	7.0	-	36.2	43.2	-7.0
03:45 AM - 03:50 AM	41.3	44.2	-2.9	7.0	-	37.3	43.4	-6.1

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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 : Nongyai
Project Location :

Sample No. 2338636-8
Parameter เสียงรบกวน
Location พท. 4 บ้านหนองกลาง ตำบลท่าม่วง (N2)
Measurement Date Apr 29 - 30, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651793-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ระดับเสียง (dB(A))		เสียงพื้นฐาน	ค่าระดับการรบกวน
				(A)	(B)		
03:50 AM - 03:55 AM	41.5	44.6	-3.1	7.0	43.3	43.3	-5.8
03:55 AM - 04:00 AM	43.0	43.3	-0.3	7.0	42.1	42.1	-3.1
04:00 AM - 04:05 AM	43.2	44.5	-1.3	7.0	39.2	43.3	-4.1
04:05 AM - 04:10 AM	44.3	44.7	-0.4	7.0	40.3	43.3	-3.3
04:10 AM - 04:15 AM	45.1	43.9	1.2	7.0	41.1	42.9	-1.8
04:15 AM - 04:20 AM	42.8	43.4	-0.6	7.0	38.8	42.2	-3.4
04:20 AM - 04:25 AM	44.9	43.8	1.1	7.0	40.9	43.1	-2.2
04:25 AM - 04:30 AM	44.6	44.2	0.4	7.0	40.6	42.7	-2.1
04:30 AM - 04:35 AM	44.9	44.7	0.2	7.0	40.9	42.5	-1.6
04:35 AM - 04:40 AM	51.1	43.8	7.3	1.0	53.1	42.7	10.4
04:40 AM - 04:45 AM	45.1	44.3	0.8	7.0	41.1	42.9	-1.8
04:45 AM - 04:50 AM	54.8	43.9	10.9	0.5	57.3	43.1	14.2
04:50 AM - 04:55 AM	48.7	45.8	2.9	3.0	48.7	42.4	6.3
04:55 AM - 05:00 AM	54.5	44.9	9.6	0.5	57.0	43.7	13.3
05:00 AM - 05:05 AM	48.5	45.6	2.9	3.0	48.5	43.9	4.6
05:05 AM - 05:10 AM	48.3	44.1	4.2	2.0	49.3	43.5	5.8
05:10 AM - 05:15 AM	54.6	44.0	10.6	0.5	57.1	43.3	13.8
05:15 AM - 05:20 AM	45.7	43.9	1.8	4.5	44.2	43.0	1.2
05:20 AM - 05:25 AM	45.3	43.7	1.6	4.5	43.8	43.0	0.8
05:25 AM - 05:30 AM	51.4	44.3	7.1	1.0	53.4	42.8	10.6
05:30 AM - 05:35 AM	45.0	43.7	1.3	7.0	41.0	41.9	-0.9
05:35 AM - 05:40 AM	44.9	44.0	0.9	7.0	40.9	43.1	-2.2
05:40 AM - 05:45 AM	46.0	44.7	1.3	7.0	42.0	43.5	-1.5
05:45 AM - 05:50 AM	49.3	44.8	4.5	1.5	50.8	42.9	7.9
05:50 AM - 05:55 AM	54.4	43.8	10.6	0.5	56.9	42.7	14.2
05:55 AM - 06:00 AM	50.9	45.3	5.6	1.5	52.4	43.4	9.0
06:00 AM - 07:00 AM	53.7	44.1	9.6	0.5	53.2	42.8	10.4
07:00 AM - 08:00 AM	50.1	51.0	-0.9	7.0	43.1	43.5	-0.4
08:00 AM - 09:00 AM	52.8	52.5	0.3	7.0	45.8	45.6	0.2
09:00 AM - 10:00 AM	60.1	55.1	5.0	1.5	58.6	44.0	14.6
10:00 AM - 11:00 AM	62.4	52.0	10.4	0.5	61.9	42.3	19.6
11:00 AM - 12:00 PM	55.8	54.8	1.0	7.0	48.8	48.5	0.3

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการวัดระดับเสียงรบกวน และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง กำหนดค่าฐานเสียงและระดับเสียงที่ได้จากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทำการวัด ณ วันที่ 29-30 เมษายน 2566

ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No. 2338637-8 วันที่ตรวจวัด 29-30 เมษายน 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 the written consent of ALS Laboratory Group (Thailand) Co., Ltd. (Y/N/A/NG) strongly recommends that this report is not reproduced except in full.

Approved by

Wilawan Borirak

Wilawan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-9
Parameter เสียงรบกวน
Location พท. 4 บ้านหนองกลาง ตำบลท่าม่วง (N2)
Measurement Date Apr 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651794-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ระดับเสียง (dB(A))		เสียงพื้นฐาน	ค่าระดับการรบกวน
				(A)	(B)		
12:00 PM - 01:00 PM	61.1	60.4	0.7	7.0	54.1	47.2	6.9
01:00 PM - 02:00 PM	55.2	62.5	-7.3	7.0	48.2	54.4	-6.2
02:00 PM - 03:00 PM	52.0	55.3	-3.3	7.0	45.0	49.3	-4.3
03:00 PM - 04:00 PM	51.4	59.9	-8.5	7.0	44.4	54.7	-10.3
04:00 PM - 05:00 PM	54.3	54.7	-0.4	7.0	47.3	52.4	-5.1
05:00 PM - 06:00 PM	49.0	55.1	-6.1	7.0	42.0	48.1	-6.1
06:00 PM - 07:00 PM	51.1	51.9	-0.8	7.0	44.1	44.5	-0.4
07:00 PM - 08:00 PM	52.2	56.0	-3.8	7.0	52.2	43.8	8.4
08:00 PM - 09:00 PM	52.1	48.9	3.2	3.0	49.1	44.2	4.9
09:00 PM - 10:00 PM	49.9	53.0	-3.1	7.0	42.9	51.2	-8.3
10:00 PM - 10:05 PM	56.2	53.4	2.8	3.0	56.2	51.8	4.4
10:05 PM - 10:10 PM	57.9	52.4	5.5	1.5	59.4	51.8	7.6
10:10 PM - 10:15 PM	52.0	52.5	-0.5	7.0	48.0	51.8	-3.8
10:15 PM - 10:20 PM	52.5	52.3	0.2	7.0	48.5	51.7	-3.2
10:20 PM - 10:25 PM	51.7	53.0	-1.3	7.0	47.7	51.4	-3.7
10:25 PM - 10:30 PM	52.4	52.3	0.1	7.0	48.4	51.4	-3.0
10:30 PM - 10:35 PM	45.9	52.9	-7.0	7.0	42.0	51.7	-9.8
10:35 PM - 10:40 PM	46.0	52.4	-6.4	7.0	42.0	51.8	-9.8
10:40 PM - 10:45 PM	47.3	52.3	-5.0	7.0	43.3	51.7	-8.4
10:45 PM - 10:50 PM	49.0	52.2	-3.2	7.0	45.0	51.5	-6.5
10:50 PM - 10:55 PM	52.5	51.9	0.6	7.0	48.9	51.2	-2.7
10:55 PM - 11:00 PM	53.5	52.1	1.4	7.0	49.5	51.7	-2.2
11:00 PM - 11:05 PM	52.7	52.4	0.3	7.0	48.7	51.7	-3.0
11:05 PM - 11:10 PM	52.8	52.1	0.7	7.0	48.8	51.7	-2.9
11:10 PM - 11:15 PM	52.4	52.0	0.4	7.0	48.4	51.0	-2.6
11:15 PM - 11:20 PM	51.4	51.4	0.0	7.0	47.4	46.7	0.7
11:20 PM - 11:25 PM	49.3	51.8	-2.5	7.0	45.3	51.2	-5.9
11:25 PM - 11:30 PM	48.9	52.0	-3.1	7.0	44.9	51.1	-6.2
11:30 PM - 11:35 PM	52.3	51.7	0.6	7.0	48.3	50.9	-2.6
11:35 PM - 11:40 PM	51.5	51.8	-0.3	7.0	47.5	51.2	-3.7
11:40 PM - 11:45 PM	50.3	48.3	2.0	4.5	48.8	44.9	3.9
11:45 PM - 11:50 PM	51.8	45.3	6.5	1.0	53.8	44.4	9.4
11:50 PM - 11:55 PM	52.0	45.6	6.4	1.5	53.5	44.6	8.9
11:55 PM - 12:00 AM	51.4	45.3	6.1	1.5	52.9	44.3	8.6
12:00 AM - 12:05 AM	51.1	45.7	5.4	1.5	52.6	44.6	8.0
12:05 AM - 12:10 AM	47.9	45.5	2.4	4.5	46.4	44.4	2.0
12:10 AM - 12:15 AM	48.4	45.4	3.0	3.0	48.4	44.4	4.0
12:15 AM - 12:20 AM	49.1	45.7	3.4	3.0	49.1	44.6	4.5
12:20 AM - 12:25 AM	50.5	45.9	4.6	1.5	52.0	44.7	7.3
12:25 AM - 12:30 AM	51.1	45.6	5.5	1.5	52.6	44.5	8.1

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651794-1

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

P/O : : Nongyai

Project Name :
Project Location :

Page 2 of 3

Sample No. 2338636-9
Parameter เสียงรบกวน
Location พื.4 บ้านเลขที่ 4 ตำบลท่าสูง (N2)
Measurement Date Apr 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ผลต่างระดับเสียง	ระดับเสียง (dB(A))		เสียงพื้นฐาน	ค่าการรบกวน
				ค่าจริง	ค่าปรับ		
12:30 AM - 12:35 AM	51.8	45.3	6.5	1.0	53.8	44.5	9.3
12:35 AM - 12:40 AM	53.6	46.0	7.6	0.5	56.1	43.9	12.2
12:40 AM - 12:45 AM	52.3	45.5	6.8	1.0	54.3	44.8	9.5
12:45 AM - 12:50 AM	54.0	46.0	8.0	0.5	56.5	44.8	11.7
12:50 AM - 12:55 AM	52.3	45.2	7.1	1.0	54.3	44.3	10.0
12:55 AM - 01:00 AM	51.5	46.1	5.4	1.5	53.0	45.0	8.0
01:00 AM - 01:05 AM	48.0	46.9	1.1	7.0	40.0	45.2	-1.2
01:05 AM - 01:10 AM	51.3	45.2	6.1	1.5	52.8	44.2	8.6
01:10 AM - 01:15 AM	50.6	46.4	4.2	2.0	51.6	45.3	6.3
01:15 AM - 01:20 AM	51.6	45.7	5.9	1.5	53.1	44.7	8.4
01:20 AM - 01:25 AM	51.3	45.5	5.8	1.5	52.8	44.2	8.6
01:25 AM - 01:30 AM	48.1	45.5	2.6	3.0	48.1	43.8	4.3
01:30 AM - 01:35 AM	48.5	47.6	0.9	7.0	44.5	43.7	0.8
01:35 AM - 01:40 AM	44.7	45.0	-0.3	7.0	40.7	44.1	-3.4
01:40 AM - 01:45 AM	48.3	45.9	2.4	4.5	46.8	44.8	2.0
01:45 AM - 01:50 AM	48.3	45.3	3.0	3.0	48.3	44.0	4.3
01:50 AM - 01:55 AM	46.3	45.4	0.9	7.0	42.3	44.4	-2.1
01:55 AM - 02:00 AM	41.8	46.4	-4.6	7.0	37.8	44.4	-6.6
02:00 AM - 02:05 AM	45.2	45.9	-0.7	7.0	41.2	44.4	-3.2
02:05 AM - 02:10 AM	42.4	45.9	-3.5	7.0	38.4	44.8	-6.4
02:10 AM - 02:15 AM	43.9	45.4	-1.5	7.0	39.9	44.6	-4.7
02:15 AM - 02:20 AM	44.1	45.0	-0.9	7.0	40.1	44.2	-4.1
02:20 AM - 02:25 AM	43.0	45.4	-2.4	7.0	39.0	44.0	-5.0
02:25 AM - 02:30 AM	41.3	46.0	-4.7	7.0	37.3	44.5	-7.2
02:30 AM - 02:35 AM	41.1	45.7	-4.6	7.0	37.1	44.5	-7.4
02:35 AM - 02:40 AM	41.0	44.9	-3.9	7.0	37.0	43.9	-6.9
02:40 AM - 02:45 AM	42.4	44.4	-2.0	7.0	38.4	43.6	-5.2
02:45 AM - 02:50 AM	41.8	44.2	-2.4	7.0	37.8	43.4	-5.6
02:50 AM - 02:55 AM	42.7	45.6	-2.9	7.0	38.7	43.9	-5.2
02:55 AM - 03:00 AM	43.3	45.2	-1.9	7.0	39.3	43.8	-4.5
03:00 AM - 03:05 AM	42.4	44.3	-1.9	7.0	38.4	43.4	-5.0
03:05 AM - 03:10 AM	43.8	44.1	-0.3	7.0	39.8	43.1	-3.3
03:10 AM - 03:15 AM	42.7	44.1	-1.4	7.0	38.7	43.2	-4.5
03:15 AM - 03:20 AM	42.2	45.5	-3.3	7.0	38.2	44.0	-5.8
03:20 AM - 03:25 AM	42.1	44.0	-1.9	7.0	38.1	43.1	-5.0
03:25 AM - 03:30 AM	43.5	45.6	-2.1	7.0	39.5	43.5	-4.0
03:30 AM - 03:35 AM	43.2	44.5	-1.3	7.0	39.2	43.2	-4.0
03:35 AM - 03:40 AM	41.3	46.1	-4.8	7.0	37.3	43.7	-6.4
03:40 AM - 03:45 AM	41.1	44.9	-3.8	7.0	37.1	43.9	-6.8
03:45 AM - 03:50 AM	42.2	45.5	-3.3	7.0	38.2	43.7	-5.5

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) Co., Ltd. strongly recommends that this report is not reproduced except in full.

Approved by

Wilawan Borirak
Manager



Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651794-1

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

P/O : : Nongyai

Project Name :
Project Location :

Page 3 of 3

Sample No. 2338636-9
Parameter เสียงรบกวน
Location พื.4 บ้านเลขที่ 4 ตำบลท่าสูง (N2)
Measurement Date Apr 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ผลต่างระดับเสียง	ระดับเสียง (dB(A))		เสียงพื้นฐาน	ค่าการรบกวน
				ค่าจริง	ค่าปรับ		
03:50 AM - 03:55 AM	42.4	46.1	-3.7	7.0	38.4	43.8	-5.4
03:55 AM - 04:00 AM	43.9	44.6	-0.7	7.0	39.9	43.6	-3.7
04:00 AM - 04:05 AM	44.1	45.0	-0.9	7.0	40.1	44.1	-4.0
04:05 AM - 04:10 AM	45.2	46.7	-1.5	7.0	41.2	44.2	-3.0
04:10 AM - 04:15 AM	46.0	46.2	-0.2	7.0	42.0	43.8	-1.8
04:15 AM - 04:20 AM	43.7	44.7	-1.0	7.0	39.7	43.7	-4.0
04:20 AM - 04:25 AM	45.8	46.5	-0.7	7.0	41.8	44.1	-2.3
04:25 AM - 04:30 AM	45.5	45.5	0.0	7.0	41.5	43.4	-1.9
04:30 AM - 04:35 AM	45.8	46.0	-0.2	7.0	41.8	43.5	-1.7
04:35 AM - 04:40 AM	52.0	46.9	5.1	1.5	53.5	43.8	9.7
04:40 AM - 04:45 AM	46.0	46.2	-0.2	7.0	42.0	45.0	-3.0
04:45 AM - 04:50 AM	55.7	46.6	9.1	0.5	58.2	44.3	13.9
04:50 AM - 04:55 AM	49.6	45.5	4.1	2.0	50.6	43.8	6.8
04:55 AM - 05:00 AM	55.4	46.2	9.2	0.5	57.9	43.3	14.6
05:00 AM - 05:05 AM	49.4	47.2	2.2	4.5	47.9	44.2	3.7
05:05 AM - 05:10 AM	49.2	47.3	1.9	4.5	47.7	43.7	4.0
05:10 AM - 05:15 AM	55.5	48.6	6.9	1.0	57.5	44.2	13.3
05:15 AM - 05:20 AM	46.6	49.0	-2.4	7.0	42.6	46.0	-3.4
05:20 AM - 05:25 AM	46.2	49.4	-3.2	7.0	42.2	46.4	-4.2
05:25 AM - 05:30 AM	52.3	49.5	2.8	3.0	52.3	46.7	5.6
05:30 AM - 05:35 AM	45.9	50.6	-4.7	7.0	41.9	48.8	-6.9
05:35 AM - 05:40 AM	45.8	50.1	-4.3	7.0	41.8	48.2	-6.4
05:40 AM - 05:45 AM	46.9	49.7	-2.8	7.0	42.9	47.1	-4.2
05:45 AM - 05:50 AM	50.2	49.6	0.6	7.0	46.2	46.1	0.1
05:50 AM - 05:55 AM	55.3	50.3	5.0	1.5	56.8	48.6	8.2
05:55 AM - 06:00 AM	51.8	49.9	1.9	4.5	50.3	45.4	4.9
06:00 AM - 07:00 AM	54.6	49.0	5.6	1.5	53.1	44.5	8.6
07:00 AM - 08:00 AM	51.0	49.2	1.8	4.5	46.5	-	44.8
08:00 AM - 09:00 AM	53.7	51.3	2.4	4.5	49.2	-	45.2
09:00 AM - 10:00 AM	61.0	50.0	11.0	0.5	60.5	-	16.6
10:00 AM - 11:00 AM	63.1	47.1	16.0	0.0	63.1	-	20.6
11:00 AM - 12:00 PM	56.7	54.9	1.8	4.5	52.2	-	9.5

ค่ามาตรฐาน

Reference Method :

- ISO 1996-1
- ประกาศกรมอุตุนิยมวิทยา เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่ได้จากการประกอบกิจกรรม พ.ศ. 2553

ภาคฐาน

- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจกรรม พ.ศ. 2548
- ประกาศกรมอุตุนิยมวิทยา เรื่อง กำหนดค่าฐานเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจกรรมในเขตนอกเขตสภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทิศทางวัด ณ วันที่ 30 เมษายน-01 พฤษภาคม 2566

Approved by

Wilawan Borirak
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 : Nongyai
Project Location :

TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651795-1

Page 1 of 3

Sample No. 2338636-10
Parameter เสียงรบกวน
Location พท.4 กรุงเทพมหานคร ตำบลบางพลีใหญ่ (N2)
Measurement Date May 01 - 02, 2023
Measurement by Parinwat Wangpong
Sound Level Meter 00472130

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ระดับเสียง (dB(A))			ค่าสัมบูรณ์
			ผลต่างระดับเสียง	ส่วนเกิน	ส่วนเกิน	
12:00 PM - 01:00 PM	50.3	49.1	1.2	7.0	41.8	1.5
01:00 PM - 02:00 PM	60.7	53.1	7.6	0.5	41.7	18.5
02:00 PM - 03:00 PM	63.7	46.2	17.5	0.0	41.4	22.3
03:00 PM - 04:00 PM	62.0	48.6	13.4	0.0	41.7	20.3
04:00 PM - 05:00 PM	60.7	47.3	13.4	0.0	40.9	19.8
05:00 PM - 06:00 PM	54.0	54.9	-0.9	7.0	42.9	4.1
06:00 PM - 07:00 PM	57.6	48.0	9.6	0.5	43.3	13.8
07:00 PM - 08:00 PM	54.4	48.3	6.1	1.5	42.9	11.5
08:00 PM - 09:00 PM	50.9	49.3	1.6	4.5	44.0	2.4
09:00 PM - 10:00 PM	48.7	55.3	-6.6	7.0	47.7	-6.0
10:00 PM - 11:00 PM	55.0	49.1	5.9	1.5	47.8	7.8
10:05 PM - 10:10 PM	56.7	49.0	7.7	0.5	47.8	11.4
10:10 PM - 10:15 PM	50.8	49.9	0.9	7.0	46.8	-0.2
10:15 PM - 10:20 PM	51.3	50.2	1.1	7.0	47.3	-1.3
10:20 PM - 10:25 PM	50.5	48.9	1.6	4.5	49.0	1.0
10:25 PM - 10:30 PM	51.2	56.4	-5.2	7.0	47.2	-0.5
10:30 PM - 10:35 PM	44.7	48.9	-4.2	7.0	47.7	-6.8
10:35 PM - 10:40 PM	44.8	48.9	-4.1	7.0	47.5	-7.3
10:40 PM - 10:45 PM	46.1	49.0	-2.9	7.0	48.1	-6.0
10:45 PM - 10:50 PM	51.3	49.5	1.8	4.5	49.8	-4.3
10:50 PM - 11:00 PM	52.3	49.6	2.7	3.0	48.0	1.4
11:00 PM - 11:05 PM	51.5	48.4	3.1	3.0	47.5	4.0
11:05 PM - 11:10 PM	51.6	48.0	3.6	2.0	47.5	5.7
11:10 PM - 11:15 PM	51.2	48.4	2.8	3.0	47.2	3.5
11:15 PM - 11:20 PM	50.2	47.4	2.8	3.0	44.7	5.5
11:20 PM - 11:25 PM	48.1	47.5	0.6	7.0	46.8	-2.7
11:25 PM - 11:30 PM	51.7	48.1	-0.4	7.0	47.5	-3.8
11:30 PM - 11:35 PM	51.1	48.3	2.8	3.0	47.3	3.8
11:35 PM - 11:40 PM	50.3	48.7	1.6	4.5	46.7	2.1
11:40 PM - 11:45 PM	49.1	48.0	1.1	7.0	47.1	-2.0
11:45 PM - 11:50 PM	50.6	48.1	2.5	3.0	46.8	3.8
11:50 PM - 11:55 PM	50.8	47.5	3.3	3.0	50.8	4.1
11:55 PM - 12:00 PM	50.2	47.3	2.9	3.0	45.9	4.3
12:00 AM - 12:05 AM	49.9	44.8	5.1	1.5	51.4	8.1
12:05 AM - 12:10 AM	46.7	44.3	2.4	4.5	45.2	3.6
12:10 AM - 12:15 AM	47.2	44.9	2.3	4.5	43.2	2.5
12:15 AM - 12:20 AM	47.9	45.3	2.6	3.0	47.9	3.9
12:20 AM - 12:25 AM	49.6	49.6	-0.3	7.0	45.3	0.3
12:25 AM - 12:30 AM	49.3	46.1	3.8	2.0	50.9	6.2

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak



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 : Nongyai
Project Location :

TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651795-1

Page 2 of 3

Sample No. 2338636-10
Parameter เสียงรบกวน
Location พท.4 กรุงเทพมหานคร ตำบลบางพลีใหญ่ (N2)
Measurement Date May 01 - 02, 2023
Measurement by Parinwat Wangpong
Sound Level Meter 00472130

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ระดับเสียง (dB(A))			ค่าสัมบูรณ์
			ผลต่างระดับเสียง	ส่วนเกิน	ส่วนเกิน	
12:30 AM - 12:35 AM	50.6	45.3	5.3	1.5	52.1	7.8
12:35 AM - 12:40 AM	52.4	46.4	6.0	1.5	53.9	10.4
12:40 AM - 12:45 AM	51.1	46.9	4.2	2.0	52.1	7.9
12:45 AM - 12:50 AM	52.8	45.1	7.7	0.5	55.3	12.1
12:50 AM - 12:55 AM	51.1	47.4	3.7	2.0	52.1	8.1
12:55 AM - 01:00 AM	50.3	49.4	0.9	7.0	46.3	2.9
01:00 AM - 01:05 AM	46.8	50.2	-3.4	7.0	42.8	-0.8
01:05 AM - 01:10 AM	50.1	45.8	4.3	2.0	51.1	8.0
01:10 AM - 01:15 AM	49.4	43.8	5.6	1.5	50.9	9.0
01:15 AM - 01:20 AM	50.4	44.3	6.1	1.5	51.9	8.8
01:20 AM - 01:25 AM	50.1	44.5	5.6	1.5	51.6	8.4
01:25 AM - 01:30 AM	46.9	44.2	2.7	3.0	46.9	3.7
01:30 AM - 01:35 AM	47.3	43.9	3.4	3.0	47.3	4.4
01:35 AM - 01:40 AM	43.5	43.9	-0.4	7.0	39.5	-3.6
01:40 AM - 01:45 AM	47.1	44.4	2.7	3.0	47.1	3.7
01:45 AM - 01:50 AM	47.1	44.6	2.5	3.0	47.1	5.3
01:50 AM - 01:55 AM	45.1	44.5	0.6	7.0	41.1	-2.6
01:55 AM - 02:00 AM	40.6	44.5	-3.9	7.0	36.6	-6.5
02:00 AM - 02:05 AM	44.0	45.0	-1.0	7.0	40.0	-3.4
02:05 AM - 02:10 AM	41.2	43.9	-2.7	7.0	37.2	-6.0
02:10 AM - 02:15 AM	42.7	44.0	-1.3	7.0	38.7	-4.3
02:15 AM - 02:20 AM	42.9	43.1	-0.2	7.0	38.9	-3.3
02:20 AM - 02:25 AM	41.8	43.1	-1.3	7.0	37.8	-4.4
02:25 AM - 02:30 AM	40.1	43.3	-3.2	7.0	36.1	-4.5
02:30 AM - 02:35 AM	39.9	43.5	-3.6	7.0	35.9	-6.8
02:35 AM - 02:40 AM	39.8	44.0	-4.2	7.0	35.8	-7.2
02:40 AM - 02:45 AM	41.2	44.2	-3.0	7.0	37.2	-5.9
02:45 AM - 02:50 AM	40.6	44.1	-3.5	7.0	36.6	-6.5
02:50 AM - 02:55 AM	41.5	43.3	-1.8	7.0	37.5	-4.9
02:55 AM - 03:00 AM	42.1	43.6	-1.5	7.0	38.1	-4.3
03:00 AM - 03:05 AM	41.2	43.3	-2.1	7.0	37.2	-3.7
03:05 AM - 03:10 AM	42.6	44.2	-1.6	7.0	38.6	-3.7
03:10 AM - 03:15 AM	41.5	43.7	-2.2	7.0	37.5	-4.8
03:15 AM - 03:20 AM	41.0	43.0	-2.0	7.0	37.0	-5.1
03:20 AM - 03:25 AM	40.9	43.7	-2.8	7.0	36.9	-5.8
03:25 AM - 03:30 AM	42.3	43.4	-1.1	7.0	38.3	-4.3
03:30 AM - 03:35 AM	42.0	44.7	-2.7	7.0	38.0	-5.2
03:35 AM - 03:40 AM	40.1	43.5	-3.4	7.0	36.1	-6.6
03:40 AM - 03:45 AM	39.9	45.4	-5.5	7.0	35.9	-5.9
03:45 AM - 03:50 AM	41.0	44.8	-3.8	7.0	37.0	-6.1

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak



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 : Nongyai
Project Location :

Sample No. 2338636-10
Parameter เสียงรบกวน
Location พท. 4 บ้านพลอง ตำบลท่าม่วง (N2)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651795-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ระดับเสียง (dB(A))			ปรับค่าเสียงจากแหล่งกำเนิด	ส่วนปรับค่า	ค่าระดับการรบกวน						
			(A)	(B)	(C)									
									ผลต่าง	ส่วนปรับค่า	ผลต่าง			
												เสียงพื้นฐาน	เสียงพื้นฐาน	เสียงพื้นฐาน
เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่าง	ส่วนปรับค่า	ค่าระดับการรบกวน	ส่วนปรับค่า	ค่าระดับการรบกวน	ค่าระดับการรบกวน						
03:50 AM - 03:55 AM	41.2	49.7	-8.5	7.0	-	37.2	43.7	-6.5						
03:55 AM - 04:00 AM	42.7	43.8	-1.1	7.0	-	38.7	42.8	-3.7						
04:00 AM - 04:05 AM	42.9	43.4	-0.5	7.0	-	38.9	42.6	-4.1						
04:05 AM - 04:10 AM	44.0	43.2	0.8	7.0	-	40.0	42.3	-2.3						
04:10 AM - 04:15 AM	44.8	42.8	2.0	4.5	-	43.3	41.1	2.2						
04:15 AM - 04:20 AM	42.5	42.1	0.4	7.0	-	38.5	38.7	-0.2						
04:20 AM - 04:25 AM	44.6	42.8	1.8	4.5	-	43.1	42.3	0.8						
04:25 AM - 04:30 AM	44.3	44.1	0.2	7.0	-	40.3	42.8	-2.5						
04:30 AM - 04:35 AM	44.6	43.5	1.1	7.0	-	40.6	42.8	-2.2						
04:35 AM - 04:40 AM	50.8	43.8	7.0	1.0	-	52.8	42.9	9.9						
04:40 AM - 04:45 AM	44.8	43.9	0.9	7.0	-	40.8	43.1	-2.3						
04:45 AM - 04:50 AM	54.5	45.0	9.5	0.5	-	57.0	43.0	14.0						
04:50 AM - 04:55 AM	48.4	43.3	5.1	1.5	-	49.9	42.3	7.6						
04:55 AM - 05:00 AM	54.2	43.2	11.0	0.5	-	56.7	42.5	14.2						
05:00 AM - 05:05 AM	48.2	43.9	4.3	2.0	-	49.2	43.0	6.2						
05:05 AM - 05:10 AM	48.0	43.3	4.7	1.5	-	49.5	42.5	7.0						
05:10 AM - 05:15 AM	54.3	43.5	10.8	0.5	-	56.8	42.6	14.2						
05:15 AM - 05:20 AM	45.4	43.7	1.7	4.5	-	43.9	42.8	1.1						
05:20 AM - 05:25 AM	45.0	44.0	1.0	7.0	-	41.0	43.3	-2.3						
05:25 AM - 05:30 AM	51.1	44.4	6.7	1.0	-	53.1	43.7	9.4						
05:30 AM - 05:35 AM	44.7	44.1	0.6	7.0	-	40.7	43.3	-2.6						
05:35 AM - 05:40 AM	44.6	43.4	1.2	7.0	-	40.6	42.6	-2.0						
05:40 AM - 05:45 AM	45.7	43.9	1.8	4.5	-	44.2	43.1	1.1						
05:45 AM - 05:50 AM	49.0	46.1	2.9	3.0	-	49.0	43.0	6.0						
05:50 AM - 05:55 AM	54.1	43.7	10.4	0.5	-	56.6	42.7	13.9						
05:55 AM - 06:00 AM	50.6	43.6	7.0	1.0	-	52.6	42.5	10.1						
06:00 AM - 07:00 AM	53.4	44.0	9.4	0.5	-	52.9	42.8	10.1						
07:00 AM - 08:00 AM	49.8	52.8	-3.0	7.0	-	48.8	48.1	-5.3						
08:00 AM - 09:00 AM	52.5	52.7	-0.2	7.0	-	45.5	43.2	2.3						
09:00 AM - 10:00 AM	59.8	53.2	6.6	1.0	-	58.8	43.0	15.8						
10:00 AM - 11:00 AM	62.3	53.6	8.7	0.5	-	61.8	39.8	22.0						
11:00 AM - 12:00 PM	55.5	51.3	4.2	2.0	-	53.5	38.6	14.9						
ตามมาตรฐาน														
								≤ 10						
								≤ 10						

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการวัดระดับเสียงรบกวน และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดมาตรฐานแหล่งกำเนิดเสียงที่ได้จากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ที่ทำการวัด วันที่ 01-02 พฤษภาคม 2566

ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2338637-10 วันที่ตรวจวัด 01-02 พฤษภาคม 2566)

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak



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 : Nongyai
Project Location :

Sample No. 2338636-11
Parameter เสียงรบกวน
Location พท. 4 บ้านพลอง ตำบลท่าม่วง (N2)
Measurement Date May 02 - 03, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651796-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ระดับเสียง (dB(A))				ปรับค่าเสียงจากแหล่งกำเนิด	ส่วนปรับค่า	เสียงพื้นฐาน	การประเมิน
			ผลต่างระดับเสียง	ค่าปรับค่า	ค่าปรับค่า	ค่าปรับค่า				
12:00 PM - 01:00 PM	60.8	50.8	10.0	0.5	60.3	-	40.9	19.4		
01:00 PM - 02:00 PM	54.9	51.3	3.6	2.0	52.9	-	40.5	12.4		
02:00 PM - 03:00 PM	51.7	50.9	0.8	7.0	44.7	-	39.4	5.3		
03:00 PM - 04:00 PM	51.1	51.7	-0.6	7.0	44.1	-	40.3	3.8		
04:00 PM - 05:00 PM	54.0	52.3	1.7	4.5	49.5	-	43.5	6.0		
05:00 PM - 06:00 PM	48.7	53.0	-4.3	7.0	41.7	-	43.1	-1.4		
06:00 PM - 07:00 PM	50.8	56.2	-5.4	7.0	43.8	-	44.4	-0.6		
07:00 PM - 08:00 PM	56.4	52.3	2.3	4.5	50.1	-	44.5	5.6		
08:00 PM - 09:00 PM	56.4	53.9	2.5	3.0	53.4	-	45.3	8.1		
09:00 PM - 10:00 PM	54.2	54.8	-0.6	7.0	47.2	-	48.1	-0.9		
10:00 PM - 10:05 PM	60.5	55.0	5.5	1.5	62.0	-	45.1	16.9		
10:05 PM - 10:10 PM	62.2	49.0	13.2	0.0	65.2	-	45.2	20.1		
10:10 PM - 10:15 PM	56.3	55.6	0.7	7.0	52.3	-	46.2	7.1		
10:15 PM - 10:20 PM	56.8	52.4	4.4	2.0	57.8	-	44.9	12.9		
10:20 PM - 10:25 PM	56.0	49.6	6.4	1.5	57.5	-	45.2	12.3		
10:25 PM - 10:30 PM	56.7	48.0	8.7	0.5	59.2	-	45.0	14.7		
10:30 PM - 10:35 PM	50.2	50.5	-0.3	7.0	46.2	-	45.2	1.2		
10:35 PM - 10:40 PM	50.3	48.1	2.2	4.5	46.8	-	44.9	3.9		
10:40 PM - 10:45 PM	51.6	54.4	-2.8	7.0	47.6	-	45.5	2.1		
10:45 PM - 10:50 PM	53.3	48.1	5.2	1.5	54.8	-	46.3	8.3		
10:50 PM - 10:55 PM	56.8	56.3	0.5	7.0	52.8	-	44.5	8.5		
10:55 PM - 11:00 PM	57.8	45.9	11.9	0.5	60.3	-	44.9	15.4		
11:00 PM - 11:05 PM	57.0	46.9	10.1	0.5	59.5	-	45.0	14.5		
11:05 PM - 11:10 PM	57.1	49.3	7.8	0.5	59.6	-	45.3	14.3		
11:10 PM - 11:15 PM	56.7	55.7	1.0	7.0	52.7	-	45.1	7.6		
11:15 PM - 11:20 PM	55.7	54.2	1.5	4.5	54.2	-	44.6	9.6		
11:20 PM - 11:25 PM	53.6	55.3	-1.7	7.0	49.6	-	44.7	4.9		
11:25 PM - 11:30 PM	53.2	47.7	5.5	1.5	54.7	-	44.7	10.0		
11:30 PM - 11:35 PM	56.6	53.2	3.4	3.0	56.6	-	43.8	12.5		
11:35 PM - 11:40 PM	55.8	52.1	3.7	2.0	56.8	-	44.3	12.5		
11:40 PM - 11:45 PM	54.6	48.9	5.7	1.5	56.1	-	43.6	12.5		
11:45 PM - 11:50 PM	56.1	54.2	1.9	4.5	54.6	-	43.5	11.1		
11:50 PM - 11:55 PM	56.3	48.0	8.3	0.5	58.8	-	43.3	15.5		
11:55 PM - 12:00 AM	55.7	55.2	0.5	7.0	51.7	-	44.0	7.7		
12:00 AM - 12:05 AM	55.4	47.5	7.9	0.5	57.9	-	43.9	14.0		
12:05 AM - 12:10 AM	52.2	48.5	3.7	2.0	53.2	-	43.7	9.5		
12:10 AM - 12:15 AM	52.7	52.9	-0.2	7.0	48.7	-	42.5	6.2		
12:15 AM - 12:20 AM	53.4	54.3	-0.9	7.0	49.4	-	43.9	5.5		
12:20 AM - 12:25 AM	54.8	46.6	8.2	0.5	57.3	-	43.8	13.5		
12:25 AM - 12:30 AM	55.4	47.8	7.6	0.5	57.9	-	43.2	14.7		

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak

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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 : Nongyai
Project Location :

Sample No. 2338636-11
Parameter เสียงรบกวน
Location พื 4 บ้านเลขที่ 43 ตำบลบางสูง (N2)
Measurement Date May 02 - 03, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651796-1

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))			เสียงพื้นฐาน	ค่ารวมการรบกวน
			(A)	(B)	(C)		
12:30 AM - 12:35 AM	56.1	45.3	10.8	0.5	-	58.6	43.7
12:35 AM - 12:40 AM	57.9	45.1	12.8	0.0	-	60.9	43.9
12:40 AM - 12:45 AM	56.6	46.2	10.4	0.5	-	59.1	43.8
12:45 AM - 12:50 AM	58.3	45.5	12.8	0.0	-	61.3	43.3
12:50 AM - 12:55 AM	56.6	50.7	5.9	1.5	-	58.1	42.5
12:55 AM - 01:00 AM	55.8	45.7	10.1	0.5	-	58.3	43.6
01:00 AM - 01:05 AM	52.3	46.3	6.0	1.5	-	53.8	43.5
01:05 AM - 01:10 AM	55.6	46.2	9.4	0.5	-	58.1	43.6
01:10 AM - 01:15 AM	54.9	48.0	6.9	1.0	-	56.9	44.1
01:15 AM - 01:20 AM	55.9	54.1	1.8	4.5	-	54.4	44.1
01:20 AM - 01:25 AM	55.6	55.9	-0.3	7.0	-	51.6	44.2
01:25 AM - 01:30 AM	52.4	46.1	6.3	1.5	-	53.9	43.2
01:30 AM - 01:35 AM	52.8	45.7	7.1	1.0	-	54.8	43.8
01:35 AM - 01:40 AM	49.0	53.0	-4.0	7.0	-	45.0	43.8
01:40 AM - 01:45 AM	52.6	44.9	7.7	0.5	-	55.1	43.1
01:45 AM - 01:50 AM	50.6	45.2	2.4	1.0	-	54.0	43.2
01:50 AM - 01:55 AM	46.1	44.2	1.9	4.5	-	52.1	43.1
01:55 AM - 02:00 AM	49.5	44.9	4.6	1.5	-	44.6	43.2
02:00 AM - 02:05 AM	46.7	44.7	2.0	4.5	-	51.0	42.8
02:05 AM - 02:10 AM	48.2	44.8	3.4	3.0	-	45.2	42.8
02:10 AM - 02:15 AM	48.4	44.5	3.9	2.0	-	48.2	43.4
02:15 AM - 02:20 AM	48.4	44.5	3.9	2.0	-	49.4	43.1
02:20 AM - 02:25 AM	47.3	46.3	1.0	7.0	-	43.3	43.5
02:25 AM - 02:30 AM	45.6	44.1	1.5	4.5	-	44.1	43.2
02:30 AM - 02:35 AM	45.4	51.0	-5.6	7.0	-	41.4	43.1
02:35 AM - 02:40 AM	45.3	53.2	0.3	7.0	-	41.3	42.8
02:40 AM - 02:45 AM	46.7	53.2	-6.5	7.0	-	42.7	40.3
02:45 AM - 02:50 AM	46.1	45.0	1.1	7.0	-	42.1	42.7
02:50 AM - 02:55 AM	47.0	43.6	3.4	3.0	-	47.0	42.5
02:55 AM - 03:00 AM	47.6	44.4	3.2	3.0	-	47.6	42.0
03:00 AM - 03:05 AM	46.7	44.1	2.6	3.0	-	46.7	41.8
03:05 AM - 03:10 AM	48.1	43.4	4.7	1.5	-	49.6	42.3
03:10 AM - 03:15 AM	47.0	43.6	3.4	3.0	-	47.0	42.3
03:15 AM - 03:20 AM	46.5	42.6	3.9	2.0	-	47.5	39.7
03:20 AM - 03:25 AM	46.4	44.5	1.9	4.5	-	44.9	42.1
03:25 AM - 03:30 AM	47.8	43.9	3.9	2.0	-	48.8	42.5
03:30 AM - 03:35 AM	47.5	44.3	3.2	3.0	-	47.5	42.3
03:35 AM - 03:40 AM	45.6	44.6	1.0	7.0	-	41.6	42.4
03:40 AM - 03:45 AM	45.4	44.2	1.2	7.0	-	41.4	42.2
03:45 AM - 03:50 AM	46.5	46.8	-0.3	7.0	-	42.5	42.1

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Approved by

Wilawan Borirak

Wilawan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-11
Parameter เสียงรบกวน
Location พื 4 บ้านเลขที่ 43 ตำบลบางสูง (N2)
Measurement Date May 02 - 03, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651796-1

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))			เสียงพื้นฐาน	ค่ารวมการรบกวน
			(A)	(B)	(C)		
03:50 AM - 03:55 AM	46.7	44.8	1.9	4.5	-	45.2	42.1
03:55 AM - 04:00 AM	48.2	45.3	2.9	3.0	-	48.2	42.4
04:00 AM - 04:05 AM	48.4	43.0	5.4	1.5	-	49.9	40.7
04:05 AM - 04:10 AM	49.5	43.2	6.3	1.5	-	51.0	40.9
04:10 AM - 04:15 AM	50.3	44.1	6.2	1.5	-	51.8	42.6
04:15 AM - 04:20 AM	48.0	44.4	3.6	2.0	-	49.0	41.8
04:20 AM - 04:25 AM	50.1	43.4	6.7	1.0	-	52.1	41.7
04:25 AM - 04:30 AM	49.8	44.3	5.5	1.5	-	51.3	41.9
04:30 AM - 04:35 AM	50.1	42.7	7.4	1.0	-	52.1	39.5
04:35 AM - 04:40 AM	56.3	44.5	11.8	0.5	-	58.8	42.0
04:40 AM - 04:45 AM	50.3	43.2	7.1	1.0	-	52.3	42.1
04:45 AM - 04:50 AM	60.0	44.6	15.4	0.0	-	63.0	42.1
04:50 AM - 04:55 AM	53.9	44.0	9.9	0.5	-	56.4	42.1
04:55 AM - 05:00 AM	59.7	45.1	14.6	0.0	-	62.7	42.0
05:00 AM - 05:05 AM	53.7	44.6	9.1	0.5	-	56.2	41.9
05:05 AM - 05:10 AM	53.5	44.3	9.2	0.5	-	56.0	41.6
05:10 AM - 05:15 AM	59.8	44.7	15.1	0.0	-	62.8	42.5
05:15 AM - 05:20 AM	50.9	43.5	7.4	1.0	-	52.9	41.9
05:20 AM - 05:25 AM	50.5	44.3	6.2	1.5	-	52.0	42.3
05:25 AM - 05:30 AM	56.6	43.9	12.7	0.0	-	59.6	42.2
05:30 AM - 05:35 AM	50.2	44.4	5.8	1.5	-	51.7	41.6
05:35 AM - 05:40 AM	50.1	43.2	6.9	1.0	-	52.1	42.0
05:40 AM - 05:45 AM	51.2	43.9	7.3	1.0	-	53.2	42.3
05:45 AM - 05:50 AM	54.5	43.3	11.2	0.5	-	57.0	41.8
05:50 AM - 05:55 AM	59.6	44.2	14.9	0.0	-	62.6	41.3
05:55 AM - 06:00 AM	56.1	44.5	11.6	0.5	-	58.6	41.5
06:00 AM - 07:00 AM	58.9	46.7	12.2	0.5	-	58.4	41.9
07:00 AM - 08:00 AM	55.3	48.7	6.6	1.0	-	54.3	42.0
08:00 AM - 09:00 AM	58.0	48.7	9.3	0.5	-	57.5	42.3
09:00 AM - 10:00 AM	61.6	53.7	7.9	0.5	-	61.1	44.3
10:00 AM - 11:00 AM	65.8	50.8	15.0	0.0	-	65.8	41.4
11:00 AM - 12:00 PM	61.0	55.0	6.0	1.5	-	59.5	40.5

Reference Method :
1. ISO 1996-1
2. ประกาศกรมอุตสาหกรรม เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

ภาคฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าฐานข้อมูลระดับเสียงที่ได้จากการประกอบกิจการประกอบกิจการในเขตนอกเขตสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทิศทางวัด วันที่ 02-03 พฤษภาคม 2566

Wilawan Borirak

Approved by

Wilawan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-12
Parameter เสียงรบกวน
Location พท.4 กรุงเทพมหานคร ตำบลบางพลีใหญ่ (N2)
Measurement Date May/03 - 04, 2023
Measurement by Parinwat Wangpong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651797-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะทำการรบกวน	ระดับเสียง (dB(A))					ค่าระดับการรบกวน
			(A)	(B)	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด (dBA)	
12:00 PM - 01:00 PM	54.6	56.8	-2.2	7.0	47.6	6.2		
01:00 PM - 02:00 PM	59.4	52.1	7.3	1.0	58.4	41.4		
02:00 PM - 03:00 PM	66.3	53.5	12.8	0.0	66.3	41.2		
03:00 PM - 04:00 PM	65.9	53.2	12.7	0.0	65.9	39.6		
04:00 PM - 05:00 PM	56.7	52.8	3.9	2.0	54.7	41.5		
05:00 PM - 06:00 PM	58.3	55.8	2.5	3.0	55.3	44.4		
06:00 PM - 07:00 PM	60.9	51.6	9.3	0.5	60.4	48.3		
07:00 PM - 08:00 PM	58.7	51.8	6.9	1.0	57.7	41.6		
08:00 PM - 09:00 PM	55.3	53.9	1.4	7.0	48.3	41.5		
09:00 PM - 10:00 PM	53.1	53.5	-0.4	7.0	46.1	44.1		
10:00 PM - 10:05 PM	59.4	48.6	10.8	0.5	61.9	47.2		
10:05 PM - 10:10 PM	61.1	48.6	12.5	0.0	64.1	46.4		
10:10 PM - 10:15 PM	55.2	49.0	6.2	1.5	56.7	47.2		
10:15 PM - 10:20 PM	55.7	49.1	6.6	1.0	57.7	47.3		
10:20 PM - 10:25 PM	54.9	49.7	5.2	1.5	56.4	47.0		
10:25 PM - 10:30 PM	55.6	52.5	3.1	3.0	55.6	47.4		
10:30 PM - 10:35 PM	49.1	48.8	0.3	7.0	45.1	56.7		
10:35 PM - 10:40 PM	49.2	52.1	-2.9	7.0	45.2	46.2		
10:40 PM - 10:45 PM	50.5	49.2	1.3	7.0	46.5	47.1		
10:45 PM - 10:50 PM	52.2	50.2	2.0	4.5	50.7	47.5		
10:50 PM - 10:55 PM	55.7	50.4	5.3	1.5	57.2	49.3		
10:55 PM - 11:00 PM	56.7	50.5	6.2	1.5	58.2	49.3		
11:00 PM - 11:05 PM	55.9	51.1	4.8	1.5	57.4	49.6		
11:05 PM - 11:10 PM	56.0	50.4	5.6	1.5	57.5	49.6		
11:10 PM - 11:15 PM	55.6	50.3	5.3	1.5	57.1	49.5		
11:15 PM - 11:20 PM	54.6	50.5	4.1	2.0	55.6	49.8		
11:20 PM - 11:25 PM	52.5	50.6	1.9	4.5	51.0	49.8		
11:25 PM - 11:30 PM	52.1	50.6	1.5	4.5	50.6	48.9		
11:30 PM - 11:35 PM	55.5	48.0	7.5	0.5	58.0	45.2		
11:35 PM - 11:40 PM	54.7	47.2	7.5	0.5	57.2	45.2		
11:40 PM - 11:45 PM	53.5	48.1	5.4	1.5	55.0	45.5		
11:45 PM - 11:50 PM	55.0	48.2	6.8	1.0	57.0	46.1		
11:50 PM - 11:55 PM	55.2	56.5	-1.3	7.0	51.2	45.6		
11:55 PM - 12:00 AM	54.6	50.2	4.4	2.0	55.6	44.2		
12:00 AM - 12:05 AM	54.3	49.6	4.7	1.5	55.8	44.6		
12:05 AM - 12:10 AM	51.1	45.4	5.7	1.5	52.6	43.1		
12:10 AM - 12:15 AM	51.6	47.3	4.3	2.0	52.6	44.5		
12:15 AM - 12:20 AM	52.3	45.9	6.4	1.5	53.8	44.4		
12:20 AM - 12:25 AM	53.7	45.5	8.2	0.5	56.2	44.5		
12:25 AM - 12:30 AM	54.3	45.5	8.8	0.5	56.8	44.4		

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Approved by

Wilawan Borrik

Wilawan Borrik
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 : Nongyai
Project Location :

Sample No. 2338636-12
Parameter เสียงรบกวน
Location พท.4 กรุงเทพมหานคร ตำบลบางพลีใหญ่ (N2)
Measurement Date May/03 - 04, 2023
Measurement by Parinwat Wangpong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651797-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	(a)	(b)	ระดับเสียง (dB(A))			(c)	(d)	(e)	(f)	(g)	(h)						
				ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด												
													(A)	(B)	(C)			
																ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด	ค่าระดับการรบกวน
12:30 AM - 12:35 AM	55.0	45.8	9.2	0.5	-	57.5	43.7	13.8										
12:35 AM - 12:40 AM	56.8	48.7	8.1	0.5	-	59.3	42.0	17.3										
12:40 AM - 12:45 AM	55.5	46.1	9.4	0.5	-	58.0	44.0	14.0										
12:45 AM - 12:50 AM	57.2	46.0	11.2	0.5	-	59.7	43.8	15.9										
12:50 AM - 12:55 AM	55.5	44.8	10.7	0.5	-	58.0	43.6	14.4										
12:55 AM - 01:00 AM	54.7	44.3	10.4	0.5	-	57.2	43.2	14.0										
01:00 AM - 01:05 AM	51.2	45.5	5.7	1.5	-	52.7	43.9	8.8										
01:05 AM - 01:10 AM	54.5	44.9	9.6	0.5	-	57.0	43.2	13.8										
01:10 AM - 01:15 AM	53.8	43.5	10.3	0.5	-	56.3	42.0	14.3										
01:15 AM - 01:20 AM	54.8	44.5	10.3	0.5	-	57.3	43.6	13.7										
01:20 AM - 01:25 AM	54.5	44.8	9.7	0.5	-	57.0	43.1	13.9										
01:25 AM - 01:30 AM	51.3	45.2	6.1	1.5	-	52.8	43.8	9.0										
01:30 AM - 01:35 AM	51.7	44.8	6.9	1.0	-	53.7	43.6	10.1										
01:35 AM - 01:40 AM	47.9	49.0	-1.1	7.0	-	43.9	43.2	0.7										
01:40 AM - 01:45 AM	51.5	50.3	1.2	7.0	-	47.5	43.7	3.8										
01:45 AM - 01:50 AM	51.5	50.3	1.2	7.0	-	47.5	42.6	4.9										
01:50 AM - 01:55 AM	49.5	47.7	1.8	4.5	-	48.0	43.7	4.3										
01:55 AM - 02:00 AM	45.0	46.1	-1.1	7.0	-	41.0	44.0	-3.0										
02:00 AM - 02:05 AM	48.4	45.0	3.4	3.0	-	48.4	43.7	4.7										
02:05 AM - 02:10 AM	45.6	45.8	-0.2	7.0	-	41.6	44.2	-2.6										
02:10 AM - 02:15 AM	47.1	45.1	2.0	4.5	-	45.6	43.8	1.8										
02:15 AM - 02:20 AM	47.3	44.2	3.1	3.0	-	47.3	42.8	4.5										
02:20 AM - 02:25 AM	46.2	44.2	2.0	4.5	-	44.7	40.0	4.7										
02:25 AM - 02:30 AM	44.5	44.5	0.0	7.0	-	40.5	43.1	-2.6										
02:30 AM - 02:35 AM	44.3	46.7	-2.4	7.0	-	40.3	43.3	-3.0										
02:35 AM - 02:40 AM	44.2	46.2	-2.0	7.0	-	40.2	42.6	-2.4										
02:40 AM - 02:45 AM	45.6	43.4	2.2	4.5	-	44.1	41.9	2.2										
02:45 AM - 02:50 AM	45.0	44.1	0.9	7.0	-	41.0	42.4	-1.4										
02:50 AM - 02:55 AM	45.9	45.3	0.6	7.0	-	41.9	43.2	-1.3										
02:55 AM - 03:00 AM	46.5	45.5	1.0	7.0	-	42.5	43.4	-0.9										
03:00 AM - 03:05 AM	45.6	44.0	1.6	4.5	-	44.1	40.1	4.0										
03:05 AM - 03:10 AM	47.0	44.7	2.3	4.5	-	45.5	43.6	1.9										
03:10 AM - 03:15 AM	45.9	44.4	1.5	4.5	-	44.4	42.8	1.6										
03:15 AM - 03:20 AM	45.4	45.0	0.4	7.0	-	41.4	43.2	-1.8										
03:20 AM - 03:25 AM	45.3	44.5	0.8	7.0	-	41.3	43.1	-1.8										
03:25 AM - 03:30 AM	46.7	44.7	2.0	4.5	-	45.2	43.2	2.0										
03:30 AM - 03:35 AM	46.4	44.2	2.2	4.5	-	44.9	42.6	2.3										
03:35 AM - 03:40 AM	44.5	44.9	-0.4	7.0	-	40.5	43.1	-2.6										
03:40 AM - 03:45 AM	44.3	45.0	-0.7	7.0	-	40.3	42.2	-1.9										
03:45 AM - 03:50 AM	45.4	45.3	0.1	7.0	-	41.4	43.5	-2.1										

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Approved by

Wilawan Borrik

Wilawan Borrik
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 : Nongyai
Project Location :

Sample No. 2338636-12
Parameter เสียงรบกวน
Location พท. 4 บ้านพลอง ตำบลท่าสูง (N2)
Measurement Date May 03 - 04, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651797-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการ	ระดับเสียง (dB(A))			ปรับค่าเสียงจากแหล่งกำเนิด	เสียงพื้นฐาน	ค่าระดับการรบกวน			
			ผลต่างระดับเสียง	ค่าปรับค่า	ค่าปรับค่า						
									ค่าปรับค่า	ค่าปรับค่า	ค่าปรับค่า
03:50 AM - 03:55 AM	45.6	44.8	0.8	7.0	-	41.6	43.3	-1.7			
03:55 AM - 04:00 AM	47.1	45.0	2.1	4.5	-	45.6	42.6	3.0			
04:00 AM - 04:05 AM	47.3	44.3	3.0	3.0	-	47.3	42.6	4.7			
04:05 AM - 04:10 AM	48.4	44.1	4.3	2.0	-	49.4	41.9	7.5			
04:10 AM - 04:15 AM	49.2	43.5	5.7	1.5	-	50.7	42.3	8.4			
04:15 AM - 04:20 AM	46.9	43.6	3.3	3.0	-	46.9	40.1	6.8			
04:20 AM - 04:25 AM	49.0	44.4	4.6	1.5	-	50.5	42.5	8.0			
04:25 AM - 04:30 AM	48.7	44.3	4.4	2.0	-	49.7	43.0	6.7			
04:30 AM - 04:35 AM	49.0	45.0	4.0	2.0	-	50.0	44.0	6.0			
04:35 AM - 04:40 AM	55.2	44.4	10.8	0.5	-	57.7	43.5	14.2			
04:40 AM - 04:45 AM	49.2	44.1	5.1	1.5	-	50.7	42.6	8.1			
04:45 AM - 04:50 AM	58.9	44.4	14.5	0.0	-	61.9	43.1	18.8			
04:50 AM - 04:55 AM	52.8	44.2	8.6	0.5	-	55.3	43.2	12.1			
04:55 AM - 05:00 AM	58.6	43.4	15.2	0.0	-	61.6	40.5	21.1			
05:00 AM - 05:05 AM	52.6	44.5	8.1	0.5	-	55.1	42.9	12.2			
05:05 AM - 05:10 AM	52.4	43.7	8.7	0.5	-	54.9	42.6	12.3			
05:10 AM - 05:15 AM	58.7	43.9	14.8	0.0	-	61.7	42.3	19.4			
05:15 AM - 05:20 AM	49.8	43.3	6.5	1.0	-	51.8	42.5	9.3			
05:20 AM - 05:25 AM	49.4	43.0	6.4	1.5	-	50.9	42.1	8.8			
05:25 AM - 05:30 AM	55.5	42.5	13.0	0.0	-	58.5	38.4	20.1			
05:30 AM - 05:35 AM	49.1	43.0	6.1	1.5	-	50.6	39.5	11.1			
05:35 AM - 05:40 AM	49.0	42.6	6.4	1.5	-	50.1	41.2	9.3			
05:40 AM - 05:45 AM	50.1	43.4	6.7	1.0	-	52.5	42.2	9.9			
05:45 AM - 05:50 AM	53.4	43.4	10.0	0.5	-	55.9	42.6	13.3			
05:50 AM - 05:55 AM	58.5	44.1	14.4	0.0	-	61.5	43.0	18.5			
05:55 AM - 06:00 AM	55.0	43.7	11.3	0.5	-	57.5	42.0	15.5			
06:00 AM - 07:00 AM	57.8	44.4	13.4	0.0	57.8	-	42.3	15.5			
07:00 AM - 08:00 AM	54.2	48.2	6.0	1.5	52.7	-	43.3	9.4			
08:00 AM - 09:00 AM	56.9	59.8	-2.9	7.0	49.9	-	36.4	-6.5			
09:00 AM - 10:00 AM	60.7	51.8	8.9	0.5	60.2	-	43.9	16.3			
10:00 AM - 11:00 AM	65.7	58.2	7.5	0.5	65.2	-	54.0	11.2			
11:00 AM - 12:00 PM	59.9	49.7	10.2	0.5	59.4	-	40.4	19.0			
ตามมาตรฐาน											

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการวัดระดับเสียงรบกวน และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ที่ทำการวัด วันที่ 03-04 พฤษภาคม 2566

ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2338637-12 วันที่ตรวจวัด 03-04 พฤษภาคม 2566)

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



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 : Nongyai
Project Location :

Sample No. 2338636-13
Parameter เสียงรบกวน
Location พท. 4 บ้านพลอง ตำบลท่าสูง (N2)
Measurement Date May 04 - 05, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472130



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651798-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการ	ระดับเสียง (dB(A))				ปรับค่าเสียงจากแหล่งกำเนิด	เสียงพื้นฐาน	การประเมิน
			ผลต่าง	ค่าปรับ	ค่าปรับ	ค่าปรับ			
12:00 PM - 01:00 PM	49.2	51.9	-2.7	7.0	42.2	-	40.1	2.1	
01:00 PM - 02:00 PM	52.3	50.3	2.0	4.5	47.8	-	39.5	8.3	
02:00 PM - 03:00 PM	62.8	50.0	12.8	0.0	62.8	-	39.3	23.5	
03:00 PM - 04:00 PM	63.8	49.6	14.2	0.0	63.8	-	40.3	23.5	
04:00 PM - 05:00 PM	53.7	53.0	0.7	7.0	46.7	-	43.3	3.4	
05:00 PM - 06:00 PM	51.6	48.7	2.9	3.0	48.6	-	40.1	8.5	
06:00 PM - 07:00 PM	55.9	50.6	5.3	1.5	54.4	-	39.8	14.6	
07:00 PM - 08:00 PM	54.1	52.3	1.8	4.5	49.6	-	39.5	10.1	
08:00 PM - 09:00 PM	52.4	52.6	-0.2	7.0	45.4	-	42.2	3.2	
09:00 PM - 10:00 PM	53.0	51.8	1.2	7.0	46.0	-	46.1	-0.1	
10:00 PM - 10:05 PM	53.0	49.6	3.4	3.0	-	53.0	45.0	8.0	
10:05 PM - 10:10 PM	51.4	47.8	3.6	2.0	-	52.4	44.4	8.0	
10:10 PM - 10:15 PM	52.8	47.6	5.2	1.5	-	54.3	43.8	10.5	
10:15 PM - 10:20 PM	59.0	45.9	13.1	0.0	-	62.0	43.9	18.1	
10:20 PM - 10:25 PM	53.2	50.3	2.9	3.0	-	53.2	43.8	9.4	
10:25 PM - 10:30 PM	55.0	46.9	8.1	0.5	-	57.5	44.2	13.3	
10:30 PM - 10:35 PM	51.6	45.4	6.2	1.5	-	53.1	43.0	10.1	
10:35 PM - 10:40 PM	46.7	44.9	1.8	4.5	-	45.2	42.5	2.7	
10:40 PM - 10:45 PM	51.9	47.5	4.4	2.0	-	52.9	43.4	9.5	
10:45 PM - 10:50 PM	60.3	46.1	14.2	0.0	-	63.3	43.8	19.5	
10:50 PM - 10:55 PM	54.7	46.6	8.1	0.5	-	57.2	43.7	13.5	
10:55 PM - 11:00 PM	47.9	47.7	0.2	7.0	-	43.9	43.6	0.3	
11:00 PM - 11:05 PM	41.7	45.7	-4.0	7.0	-	37.7	44.5	-6.8	
11:05 PM - 11:10 PM	44.1	47.3	-3.2	7.0	-	40.1	45.6	-5.5	
11:10 PM - 11:15 PM	46.6	47.1	-0.5	7.0	-	42.6	45.8	-3.2	
11:15 PM - 11:20 PM	42.1	47.1	-5.0	7.0	-	38.1	45.8	-7.7	
11:20 PM - 11:25 PM	47.8	46.4	1.4	7.0	-	43.8	45.7	-1.9	
11:25 PM - 11:30 PM	44.5	47.1	-2.6	7.0	-	40.5	46.0	-5.5	
11:30 PM - 11:35 PM	48.2	47.8	0.4	7.0	-	44.2	45.8	-1.6	
11:35 PM - 11:40 PM	48.2	46.8	1.4	7.0	-	44.2	44.8	-0.6	
11:40 PM - 11:45 PM	58.6	45.8	12.8	0.0	-	61.6	44.5	17.1	
11:45 PM - 11:50 PM	47.4	45.6	1.8	4.5	-	45.9	44.1	1.8	
11:50 PM - 11:55 PM	41.5	45.6	-4.1	7.0	-	37.5	44.1	-6.6	
11:55 PM - 12:00 AM	45.4	47.2	-1.8	7.0	-	41.4	43.8	-2.4	
12:00 AM - 12:05 AM	46.4	45.4	1.0	7.0	-	42.4	44.3	-1.9	
12:05 AM - 12:10 AM	49.5	45.4	4.1	2.0	-	50.5	44.3	6.2	
12:10 AM - 12:15 AM	45.2	43.8	1.4	7.0	-	41.2	42.5	-1.3	
12:15 AM - 12:20 AM	46.5	45.7	0.8	7.0	-	42.5	42.8	-0.3	
12:20 AM - 12:25 AM	53.0	44.1	8.9	0.5	-	55.5	42.6	12.9	
12:25 AM - 12:30 AM	54.6	50.1	4.5	1.5	-	56.1	42.8	13.3	

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



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 : Nongyai

Project Location :

Sample No. 2338636-13

Parameter เสียงรบกวน

Location พื 4 บ้านกลาง ตำบลหาง (N2)

Measurement Date May 04 - 05, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472130

TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023

Date Reported : May 15, 2023

Report Number : 2651798-1



เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน ในกิจกรรม	ระดับเสียง (dB(A))		ค่าการ การรบกวน
			ค่าเฉลี่ย	ค่าสูงสุด	
12:30 AM - 12:35 AM	53.5	43.4	10.1	56.0	42.3
12:35 AM - 12:40 AM	53.9	43.9	10.0	56.4	42.5
12:40 AM - 12:45 AM	53.6	43.4	10.2	56.1	41.9
12:45 AM - 12:50 AM	53.9	43.9	10.0	56.4	40.9
12:50 AM - 12:55 AM	53.3	45.1	8.2	55.8	43.2
12:55 AM - 01:00 AM	53.3	44.4	8.9	55.8	42.7
01:00 AM - 01:05 AM	51.2	44.1	7.1	53.2	42.6
01:05 AM - 01:10 AM	51.0	44.7	6.3	52.5	42.5
01:10 AM - 01:15 AM	48.0	46.1	1.9	46.5	42.8
01:15 AM - 01:20 AM	52.9	44.2	8.7	55.4	41.1
01:20 AM - 01:25 AM	53.3	43.6	9.7	55.8	41.4
01:25 AM - 01:30 AM	53.4	43.8	9.6	55.9	42.2
01:30 AM - 01:35 AM	53.1	44.0	9.1	55.6	42.4
01:35 AM - 01:40 AM	51.5	44.3	7.2	53.5	42.4
01:40 AM - 01:45 AM	43.1	47.7	-4.6	39.1	42.9
01:45 AM - 01:50 AM	51.4	45.3	6.1	52.0	42.9
01:50 AM - 01:55 AM	48.1	43.3	4.8	49.6	41.1
01:55 AM - 02:00 AM	48.6	45.2	3.4	48.6	42.2
02:00 AM - 02:05 AM	42.2	43.3	-1.1	38.2	41.6
02:05 AM - 02:10 AM	40.9	42.7	-1.8	36.9	41.1
02:10 AM - 02:15 AM	69.4	44.1	25.3	72.4	41.7
02:15 AM - 02:20 AM	49.1	43.6	5.5	50.6	41.7
02:20 AM - 02:25 AM	48.0	43.5	4.5	49.5	41.2
02:25 AM - 02:30 AM	50.3	42.4	7.9	52.8	39.8
02:30 AM - 02:35 AM	40.8	43.4	-2.6	36.8	41.9
02:35 AM - 02:40 AM	42.0	43.4	-1.4	38.0	42.0
02:40 AM - 02:45 AM	42.8	42.9	-0.1	38.8	41.5
02:45 AM - 02:50 AM	51.9	42.2	9.7	54.4	41.0
02:50 AM - 02:55 AM	43.8	43.4	0.4	39.8	41.1
02:55 AM - 03:00 AM	43.9	42.3	1.6	42.4	40.1
03:00 AM - 03:05 AM	44.4	43.3	1.1	40.4	41.7
03:05 AM - 03:10 AM	41.2	43.5	-2.3	37.2	42.1
03:10 AM - 03:15 AM	45.9	43.1	2.8	45.9	41.8
03:15 AM - 03:20 AM	48.7	42.2	6.5	50.7	41.2
03:20 AM - 03:25 AM	41.2	42.5	-1.3	37.2	41.5
03:25 AM - 03:30 AM	40.2	42.9	-2.7	36.2	41.7
03:30 AM - 03:35 AM	44.2	43.4	0.8	40.2	41.4
03:35 AM - 03:40 AM	38.9	43.2	-4.3	34.9	42.3
03:40 AM - 03:45 AM	52.0	43.3	8.7	54.5	42.5
03:45 AM - 03:50 AM	44.5	43.2	1.3	40.5	42.3

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Approved by

Wilwan Borirak

Wilwan Borirak
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 : Nongyai

Project Location :

Sample No. 2338636-13

Parameter เสียงรบกวน

Location พื 4 บ้านกลาง ตำบลหาง (N2)

Measurement Date May 04 - 05, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472130

TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023

Date Reported : May 15, 2023

Report Number : 2651798-1



เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน ในกิจกรรม	ระดับเสียง (dB(A))		ค่าการ การรบกวน
			ค่าเฉลี่ย	ค่าสูงสุด	
03:50 AM - 03:55 AM	52.7	43.3	9.4	55.2	42.4
03:55 AM - 04:00 AM	43.0	45.0	-2.0	7.0	43.3
04:00 AM - 04:05 AM	43.6	44.0	-0.4	7.0	42.9
04:05 AM - 04:10 AM	50.1	44.3	5.8	51.6	43.2
04:10 AM - 04:15 AM	58.0	43.9	14.1	61.0	42.3
04:15 AM - 04:20 AM	43.9	44.3	-0.4	7.0	43.2
04:20 AM - 04:25 AM	58.0	44.1	13.9	61.0	43.0
04:25 AM - 04:30 AM	55.8	44.1	11.7	58.3	43.4
04:30 AM - 04:35 AM	47.4	43.8	3.6	48.4	42.9
04:35 AM - 04:40 AM	55.7	44.3	11.4	58.2	43.4
04:40 AM - 04:45 AM	52.4	44.4	8.0	54.9	43.5
04:45 AM - 04:50 AM	52.9	44.6	8.3	55.4	43.7
04:50 AM - 04:55 AM	46.5	43.6	2.9	46.5	42.0
04:55 AM - 05:00 AM	45.2	43.3	1.9	43.7	42.2
05:00 AM - 05:05 AM	57.3	43.2	14.1	60.3	42.4
05:05 AM - 05:10 AM	53.4	43.3	10.1	55.9	42.3
05:10 AM - 05:15 AM	52.3	43.4	8.9	54.8	42.5
05:15 AM - 05:20 AM	54.6	42.7	11.9	57.1	41.5
05:20 AM - 05:25 AM	45.1	42.5	2.6	45.1	41.3
05:25 AM - 05:30 AM	46.3	42.6	3.7	47.3	40.4
05:30 AM - 05:35 AM	47.1	42.6	4.5	48.6	41.1
05:35 AM - 05:40 AM	56.2	42.4	13.8	59.2	40.9
05:40 AM - 05:45 AM	48.1	42.9	5.2	49.6	41.2
05:45 AM - 05:50 AM	48.2	43.1	5.1	49.7	41.5
05:50 AM - 05:55 AM	48.7	42.9	5.8	50.2	41.7
05:55 AM - 06:00 AM	45.5	42.9	2.6	45.5	41.6
06:00 AM - 07:00 AM	51.5	43.4	8.1	51.0	41.5
07:00 AM - 08:00 AM	56.0	47.9	8.1	55.5	-
08:00 AM - 09:00 AM	57.1	50.2	6.9	56.1	-
09:00 AM - 10:00 AM	51.3	54.6	-3.3	7.0	44.3
10:00 AM - 11:00 AM	58.0	48.8	9.2	57.5	-
11:00 AM - 12:00 PM	50.5	55.7	-5.2	43.5	-

ค่าการรบกวน

Reference Method :
1. ISO 1996-1
2. ประกาศกรมอุตสาหกรรม เรื่อง วิธีการตรวจวัดเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553
มาตรฐาน

1. ประกาศกรมอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548
2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าฐานเสียงรบกวนระดับเสียงที่ได้จากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ท้าการตรวจวัด วันที่ 04-05 พฤษภาคม 2566

ระดับเสียงพื้นฐานและระดับเสียงรบกวนในกิจกรรม (Sample No.2338637-13 วันที่ตรวจวัด 04-05 พฤษภาคม 2566)

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Approved by

Wilwan Borirak

Wilwan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-14
Parameter เสียงรบกวน
Location พท.4 กรุงเทพมหานคร ตำบลบางพลีใหญ่ (N2)
Measurement Date May 05 - 06 2023
Measurement by Paruwat Wangpong
Sound Level Meter 00472130



TESTING
No.0042
Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651799-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงขณะทำการรบกวน	ระดับเสียง (dB(A))					ค่าระดับการรบกวน									
			(A)	(B)	ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด										
									(C)	(D)	(E)						
												เสียงพื้นฐาน	ค่าปรับ	เสียงพื้นฐาน			
															กลางวัน	กลางคืน	ค่าปรับ
12:00 PM - 01:00 PM	53.5	51.9	1.6	44.5	49.0	63.3	-	41.5	7.5								
01:00 PM - 02:00 PM	63.3	50.7	12.6	0.0	63.3	66.0	-	41.1	22.2								
02:00 PM - 03:00 PM	66.0	53.4	12.6	0.0	66.0	68.0	-	39.0	27.0								
03:00 PM - 04:00 PM	64.2	51.3	12.9	0.0	64.2	66.2	-	40.2	24.0								
04:00 PM - 05:00 PM	55.1	55.4	-0.3	7.0	48.1	48.1	-	43.6	4.5								
05:00 PM - 06:00 PM	58.8	51.7	7.1	0.0	57.8	57.8	-	41.3	16.5								
06:00 PM - 07:00 PM	59.4	50.7	8.7	0.5	58.9	58.9	-	42.0	16.9								
07:00 PM - 08:00 PM	57.2	51.2	6.0	1.5	55.7	55.7	-	41.2	14.5								
08:00 PM - 09:00 PM	50.8	51.1	-0.3	7.0	43.8	43.8	-	42.6	1.2								
09:00 PM - 10:00 PM	48.0	49.9	-1.9	7.0	41.0	41.0	-	45.0	-4.0								
10:00 PM - 10:05 PM	51.0	48.3	2.7	3.0	47.7	47.7	51.0	43.9	7.1								
10:05 PM - 10:10 PM	47.7	45.2	2.5	3.0	47.7	47.7	51.0	43.9	7.1								
10:10 PM - 10:15 PM	51.4	44.4	7.0	1.0	44.4	44.4	53.4	42.7	10.7								
10:15 PM - 10:20 PM	51.4	44.9	6.5	1.0	44.9	44.9	53.4	42.5	10.9								
10:20 PM - 10:25 PM	61.8	43.7	18.1	0.0	43.7	43.7	64.8	42.1	22.7								
10:25 PM - 10:30 PM	50.6	44.6	6.0	1.5	44.6	44.6	52.1	42.8	9.3								
10:30 PM - 10:35 PM	44.7	44.2	0.5	7.0	44.2	44.2	40.7	42.3	-1.6								
10:35 PM - 10:40 PM	48.6	46.2	2.4	4.5	46.2	46.2	47.1	42.4	4.7								
10:40 PM - 10:45 PM	49.6	43.6	6.0	1.5	43.6	43.6	51.1	42.3	8.8								
10:45 PM - 10:50 PM	52.7	45.2	7.5	0.5	45.2	45.2	55.2	43.0	12.2								
10:50 PM - 10:55 PM	48.4	44.7	3.7	2.0	44.7	44.7	49.4	43.1	6.3								
10:55 PM - 11:00 PM	49.7	44.0	5.7	1.5	44.0	44.0	51.2	42.5	8.7								
11:00 PM - 11:05 PM	58.8	43.6	15.2	0.0	43.6	43.6	61.8	42.3	19.5								
11:05 PM - 11:10 PM	38.1	44.1	-6.0	7.0	44.1	44.1	34.1	42.6	-8.5								
11:10 PM - 11:15 PM	44.6	44.7	-0.1	7.0	44.7	44.7	40.6	42.1	-1.5								
11:15 PM - 11:20 PM	52.5	46.6	5.9	1.5	46.6	46.6	54.0	43.3	10.7								
11:20 PM - 11:25 PM	38.4	45.3	-6.9	7.0	45.3	45.3	34.4	42.8	-8.4								
11:25 PM - 11:30 PM	52.5	46.5	6.0	1.5	46.5	46.5	54.0	43.3	10.7								
11:30 PM - 11:35 PM	50.3	46.0	4.3	2.0	46.0	46.0	51.3	43.9	7.4								
11:35 PM - 11:40 PM	41.9	46.1	-4.2	7.0	46.1	46.1	37.9	44.6	-6.7								
11:40 PM - 11:45 PM	50.2	46.3	3.9	2.0	46.3	46.3	51.2	44.3	6.9								
11:45 PM - 11:50 PM	46.9	47.2	-0.3	7.0	47.2	47.2	42.9	43.9	-1.0								
11:50 PM - 11:55 PM	47.4	46.0	1.4	7.0	47.4	47.4	43.4	43.6	-0.2								
11:55 PM - 12:00 AM	41.0	47.3	-6.3	7.0	47.3	47.3	37.0	43.8	-6.8								
12:00 AM - 12:05 AM	39.7	46.7	-7.0	7.0	46.7	46.7	35.7	45.0	-9.3								
12:05 AM - 12:10 AM	68.2	46.3	21.9	0.0	46.3	46.3	71.2	44.2	27.0								
12:10 AM - 12:15 AM	47.9	46.5	1.4	7.0	47.9	47.9	43.9	43.9	0.0								
12:15 AM - 12:20 AM	46.8	45.4	1.4	7.0	46.8	46.8	42.8	41.5	1.3								
12:20 AM - 12:25 AM	49.1	44.6	4.5	1.5	44.6	44.6	50.6	41.6	9.0								
12:25 AM - 12:30 AM	39.6	44.6	-5.0	7.0	44.6	44.6	35.6	41.4	-5.8								

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Approved by

Wilawan Borriak
Manager

Wilawan Borriak



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 : Nongyai
Project Location :

Sample No. 2338636-14
Parameter เสียงรบกวน
Location พท.4 กรุงเทพมหานคร ตำบลบางพลีใหญ่ (N2)
Measurement Date May 05 - 06 2023
Measurement by Paruwat Wangpong
Sound Level Meter 00472130



TESTING
No.0042
Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651799-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	(a)	เสียงขณะปฏิบัติงาน	ระดับเสียง (dB(A))					การคำนวณ
				ผลต่างระดับเสียง	ค่าปรับค่า	ระดับเสียงจากแหล่งกำเนิด	เสียงพื้นฐาน		
12:30 AM - 12:35 AM	40.8	44.1	-3.3	7.0	-	36.8	40.3	-3.5	
12:35 AM - 12:40 AM	41.6	43.9	-2.3	7.0	-	37.6	40.0	-2.4	
12:40 AM - 12:45 AM	50.7	44.9	5.8	1.5	-	52.2	41.7	10.5	
12:45 AM - 12:50 AM	42.6	43.7	-1.1	7.0	-	38.6	41.9	-3.3	
12:50 AM - 12:55 AM	42.7	44.1	-1.4	7.0	-	38.7	42.1	-3.4	
12:55 AM - 01:00 AM	43.2	59.7	-16.5	7.0	-	39.2	41.7	-2.5	
01:00 AM - 01:05 AM	40.0	44.4	-4.4	7.0	-	36.0	42.6	-6.6	
01:05 AM - 01:10 AM	44.7	44.3	0.4	7.0	-	40.7	42.3	-1.6	
01:10 AM - 01:15 AM	47.5	45.1	2.4	4.5	-	46.0	42.0	4.0	
01:15 AM - 01:20 AM	40.0	45.2	-5.2	7.0	-	36.0	41.1	-5.1	
01:20 AM - 01:25 AM	39.0	43.6	-4.6	7.0	-	35.0	41.7	-6.7	
01:25 AM - 01:30 AM	43.0	43.0	0.0	7.0	-	39.0	41.6	-2.6	
01:30 AM - 01:35 AM	37.7	44.2	-6.5	7.0	-	33.7	41.7	-8.0	
01:35 AM - 01:40 AM	50.8	43.6	7.2	1.0	-	52.8	41.8	11.0	
01:40 AM - 01:45 AM	43.3	43.5	-0.2	7.0	-	39.3	41.9	-3.6	
01:45 AM - 01:50 AM	42.5	43.8	-1.3	7.0	-	38.5	42.2	-3.7	
01:50 AM - 01:55 AM	49.0	45.3	3.7	2.0	-	50.0	41.5	8.5	
01:55 AM - 02:00 AM	56.9	43.6	13.3	0.0	-	59.9	41.6	18.3	
02:00 AM - 02:05 AM	42.8	43.4	-0.6	7.0	-	38.8	41.6	-2.8	
02:05 AM - 02:10 AM	44.9	43.2	1.7	4.5	-	43.4	41.4	2.0	
02:10 AM - 02:15 AM	38.8	51.0	-12.2	7.0	-	34.8	41.4	-6.6	
02:15 AM - 02:20 AM	44.6	46.0	-1.4	7.0	-	40.6	41.3	-0.7	
02:20 AM - 02:25 AM	38.6	43.9	-5.3	7.0	-	34.6	42.0	-7.4	
02:25 AM - 02:30 AM	38.4	43.7	-5.3	7.0	-	34.4	42.2	-7.8	
02:30 AM - 02:35 AM	44.7	44.0	0.7	7.0	-	40.7	42.3	-1.6	
02:35 AM - 02:40 AM	44.6	44.1	0.5	7.0	-	40.6	41.9	-1.3	
02:40 AM - 02:45 AM	44.8	43.3	1.5	4.5	-	43.3	41.4	1.9	
02:45 AM - 02:50 AM	43.1	43.6	-0.5	7.0	-	39.1	41.3	-2.2	
02:50 AM - 02:55 AM	44.7	43.4	1.3	7.0	-	40.7	41.6	-0.9	
02:55 AM - 03:00 AM	43.2	44.3	-1.1	7.0	-	39.2	41.9	-2.7	
03:00 AM - 03:05 AM	45.0	43.0	2.0	4.5	-	43.5	41.2	2.3	
03:05 AM - 03:10 AM	44.0	42.6	1.4	7.0	-	40.0	41.3	-1.3	
03:10 AM - 03:15 AM	45.2	42.7	2.5	3.0	-	45.2	41.2	4.0	
03:15 AM - 03:20 AM	46.0	42.3	3.7	2.0	-	47.0	41.0	6.0	
03:20 AM - 03:25 AM	48.9	42.4	6.5	1.0	-	50.9	41.0	9.9	
03:25 AM - 03:30 AM	47.0	42.2	4.8	1.5	-	48.5	40.9	7.6	
03:30 AM - 03:35 AM	47.1	42.2	4.9	1.5	-	48.6	40.8	7.8	
03:35 AM - 03:40 AM	47.6	42.5	5.1	1.5	-	49.1	40.7	8.4	
03:40 AM - 03:45 AM	44.4	43.3	1.1	7.0	-	40.4	41.2	-0.8	
03:45 AM - 03:50 AM	49.1	42.4	6.7	1.0	-	51.1	40.9	10.2	

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Wilawan Borriak
Manager

Wilawan Borriak



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 : Nongyai
Project Location :

Sample No. 2338636-15
Parameter เสียงรบกวน
Location พท. 3 ไร่บ้านใหม่ ตำบลหนองไผ่แก้ว (N3)
Measurement Date Apr 29 - 30, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734218



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651800-1

Page 2 of 3

เวลา	ระดับเสียง (dB(A))							ค่าสัมประสิทธิ์การถ่วงน้ำหนัก
	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	(A)	ค่าปรับค่า			(B)	
				ลดค่า	เพิ่มค่า			
					ค่าลบ	ค่าบวก		
12:20 AM - 12:25 AM	39.4	40.4	-1.0	7.0	35.4	37.2	-1.8	
12:25 AM - 12:30 AM	41.0	49.2	-8.2	7.0	37.0	46.5	-9.5	
12:30 AM - 12:35 AM	40.3	45.1	-4.8	7.0	36.3	40.7	-4.4	
12:35 AM - 12:40 AM	39.5	37.6	1.9	4.5	38.0	35.7	2.3	
12:40 AM - 12:45 AM	39.8	35.4	4.4	2.0	40.8	34.1	6.7	
12:45 AM - 12:50 AM	39.8	35.4	4.4	2.0	40.8	33.5	7.3	
12:50 AM - 12:55 AM	38.9	37.3	1.6	4.5	37.4	36.5	0.9	
12:55 AM - 01:00 AM	39.0	36.9	2.1	4.5	37.5	36.2	1.3	
01:00 AM - 01:05 AM	39.1	43.0	-3.9	7.0	35.1	42.3	-7.2	
01:05 AM - 01:10 AM	39.4	41.7	-2.3	7.0	35.4	40.6	-5.2	
01:10 AM - 01:15 AM	39.6	42.3	-2.7	7.0	35.6	41.2	-5.6	
01:15 AM - 01:20 AM	39.4	42.0	-2.6	7.0	35.4	41.2	-5.8	
01:20 AM - 01:25 AM	39.5	42.0	-2.5	7.0	35.5	40.6	-5.1	
01:25 AM - 01:30 AM	40.1	43.5	-3.4	7.0	36.1	41.2	-5.1	
01:30 AM - 01:35 AM	40.7	42.9	-2.2	7.0	36.7	41.0	-4.3	
01:35 AM - 01:40 AM	43.6	40.6	3.0	3.0	43.6	38.9	4.7	
01:40 AM - 01:45 AM	40.7	43.8	-3.1	7.0	36.7	43.0	-6.3	
01:45 AM - 01:50 AM	46.5	42.9	3.6	2.0	47.5	41.0	6.5	
01:50 AM - 01:55 AM	42.4	41.5	0.9	7.0	38.4	40.3	-1.9	
01:55 AM - 02:00 AM	50.0	41.7	8.3	0.5	52.5	40.9	11.6	
02:00 AM - 02:05 AM	45.4	41.8	3.6	2.0	46.4	41.1	5.3	
02:05 AM - 02:10 AM	42.2	41.9	0.3	7.0	38.2	40.2	-3.0	
02:10 AM - 02:15 AM	42.5	41.8	0.7	7.0	38.5	41.7	-2.2	
02:15 AM - 02:20 AM	42.1	42.6	-0.5	7.0	38.1	41.7	-3.6	
02:20 AM - 02:25 AM	42.4	42.3	0.1	7.0	38.4	41.7	-3.3	
02:25 AM - 02:30 AM	41.6	42.9	-1.3	7.0	37.6	41.9	-4.3	
02:30 AM - 02:35 AM	42.1	42.5	-0.4	7.0	38.1	41.5	-3.4	
02:35 AM - 02:40 AM	51.6	43.8	7.8	0.5	54.1	41.6	12.5	
02:40 AM - 02:45 AM	55.5	42.9	12.6	0.0	58.5	42.2	16.3	
02:45 AM - 02:50 AM	54.2	47.3	6.9	1.0	56.2	41.8	14.4	
02:50 AM - 02:55 AM	55.1	44.8	10.3	0.5	57.6	42.2	15.4	
02:55 AM - 03:00 AM	54.6	53.1	1.5	4.5	53.1	43.5	9.6	
03:00 AM - 03:05 AM	54.1	50.1	4.0	2.0	55.1	41.6	13.5	
03:05 AM - 03:10 AM	54.6	44.7	9.9	0.5	57.1	39.7	17.4	
03:10 AM - 03:15 AM	49.3	44.5	4.8	1.5	50.8	41.5	9.3	
03:15 AM - 03:20 AM	45.3	43.3	2.0	4.5	43.8	41.6	2.2	
03:20 AM - 03:25 AM	46.2	43.8	2.4	4.5	44.7	42.5	2.2	
03:25 AM - 03:30 AM	51.9	41.9	10.0	0.5	54.4	39.9	14.5	
03:30 AM - 03:35 AM	48.7	43.1	5.6	1.5	50.2	41.1	9.1	
03:35 AM - 03:40 AM	59.4	54.7	4.7	1.5	60.9	42.5	18.4	

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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 : Nongyai
Project Location :

Sample No. 2338636-15
Parameter เสียงรบกวน
Location พท. 3 ไร่บ้านใหม่ ตำบลหนองไผ่แก้ว (N3)
Measurement Date Apr 29 - 30, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734218



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651800-1

Page 3 of 3

เวลา	เสียงจากแหล่งกำเนิด (dBA)	เสียงรบกวนในกิจกรรม (dB)	ระดับเสียง (dB(A))			ปริมาณเสียงจากแหล่งกำเนิด (dBSN)	เสียงพื้นฐาน (dB)	ค่าระดับการถ่วงน้ำหนัก
			ผลต่างระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด (dBSN)			
03:40 AM - 03:45 AM	58.0	49.0	9.0	0.5	-	60.5	41.8	18.7
03:45 AM - 03:50 AM	54.4	47.7	6.7	1.0	-	56.4	37.9	18.5
03:50 AM - 03:55 AM	52.3	48.5	3.8	2.0	-	53.3	43.1	10.2
03:55 AM - 04:00 AM	56.6	48.0	8.6	0.5	-	59.1	41.3	17.8
04:00 AM - 04:05 AM	49.8	52.5	-2.7	7.0	-	45.8	46.1	-0.3
04:05 AM - 04:10 AM	52.9	53.0	-0.1	7.0	-	48.9	46.2	0.7
04:10 AM - 04:15 AM	53.6	46.4	7.2	1.0	-	55.6	37.0	18.6
04:15 AM - 04:20 AM	55.3	40.8	14.5	0.0	-	58.3	37.8	20.5
04:20 AM - 04:25 AM	51.0	42.0	9.0	0.5	-	53.5	38.5	15.0
04:25 AM - 04:30 AM	52.9	48.1	4.8	1.5	-	54.4	40.7	13.7
04:30 AM - 04:35 AM	53.6	44.8	8.8	0.5	-	56.1	38.7	17.4
04:35 AM - 04:40 AM	52.5	53.8	-1.3	7.0	-	48.5	50.0	-1.5
04:40 AM - 04:45 AM	51.2	52.7	-1.5	7.0	-	47.2	49.2	-2.0
04:45 AM - 04:50 AM	55.0	53.7	1.3	7.0	-	51.0	42.7	8.3
04:50 AM - 04:55 AM	56.7	48.2	8.5	0.5	-	59.2	39.4	19.8
04:55 AM - 05:00 AM	52.3	50.0	2.3	4.5	-	50.8	39.2	11.6
05:00 AM - 05:05 AM	54.8	50.8	4.0	2.0	-	55.8	43.4	12.4
05:05 AM - 05:10 AM	51.5	53.7	-2.2	7.0	-	47.5	44.9	2.6
05:10 AM - 05:15 AM	52.7	53.9	-1.2	7.0	-	48.7	44.6	4.1
05:15 AM - 05:20 AM	53.0	55.4	-2.4	7.0	-	49.0	45.3	3.7
05:20 AM - 05:25 AM	54.4	55.6	-1.2	7.0	-	50.4	43.0	7.4
05:25 AM - 05:30 AM	52.8	53.8	-1.0	7.0	-	48.8	44.5	4.3
05:30 AM - 05:35 AM	53.1	54.8	-1.7	7.0	-	49.1	44.5	4.6
05:35 AM - 05:40 AM	51.8	52.3	-0.5	7.0	-	47.8	44.3	3.5
05:40 AM - 05:45 AM	53.8	51.3	2.5	3.0	-	53.8	42.8	11.0
05:45 AM - 05:50 AM	55.8	53.2	2.6	3.0	-	55.8	44.6	11.2
05:50 AM - 05:55 AM	53.0	54.8	-1.8	7.0	-	49.0	42.8	6.2
05:55 AM - 06:00 AM	48.9	52.3	-3.4	7.0	-	44.9	43.6	1.3
06:00 AM - 07:00 AM	51.4	53.1	-1.7	7.0	44.4	-	43.9	0.5
07:00 AM - 08:00 AM	53.8	51.8	2.0	4.5	49.3	-	42.7	6.6
08:00 AM - 09:00 AM	60.6	52.7	7.9	0.5	60.1	-	45.6	14.5
09:00 AM - 10:00 AM	63.1	61.2	1.9	4.5	58.6	-	57.9	0.7
ค่ามาตรฐาน								≤ 10

ค่ามาตรฐาน

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงทางเสียงที่ได้จากการประกอบกิจการที่ใช้เสียงต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทิศทางวัด วันที่ 29-30 เมษายน 2566

Wilawan Borirak

Approved by

Wilawan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-16
Parameter เสียงรบกวน
Location พท.3 กรุงเทพมหานคร (N3)
Measurement Date Apr. 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734218



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651801-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))			ค่าระดับการรบกวน
			ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด	
10:00 AM - 11:00 AM	57.6	64.2	-6.6	7.0	50.6	-7.8
11:00 AM - 12:00 PM	59.8	59.6	0.2	7.0	52.8	-4.1
12:00 PM - 01:00 PM	55.2	57.1	-1.6	7.0	48.5	-5.4
01:00 PM - 02:00 PM	53.5	58.4	-5.2	7.0	46.2	-8.6
02:00 PM - 03:00 PM	53.6	55.0	-1.4	7.0	46.6	-1.0
03:00 PM - 04:00 PM	54.8	52.8	2.0	4.5	50.3	4.2
04:00 PM - 05:00 PM	54.8	57.2	-2.4	7.0	47.8	-2.7
05:00 PM - 06:00 PM	51.9	57.1	-5.2	7.0	44.9	-5.7
06:00 PM - 07:00 PM	51.4	52.0	-0.6	7.0	44.4	-4.4
07:00 PM - 08:00 PM	48.4	51.2	-2.8	7.0	41.4	-7.4
08:00 PM - 09:00 PM	47.9	48.8	-0.9	7.0	40.9	-7.0
09:00 PM - 10:00 PM	46.5	48.3	-1.8	7.0	39.5	-7.7
10:00 PM - 10:05 PM	45.6	45.3	0.3	7.0	41.6	-4.4
10:05 PM - 10:10 PM	45.8	45.1	0.7	7.0	41.8	-4.0
10:10 PM - 10:15 PM	45.9	45.2	0.8	7.0	41.9	-4.2
10:15 PM - 10:20 PM	45.5	45.1	0.4	7.0	41.5	-4.0
10:20 PM - 10:25 PM	45.4	45.5	-0.1	7.0	41.4	-4.2
10:25 PM - 10:30 PM	45.2	44.9	0.3	7.0	41.2	-4.2
10:30 PM - 10:35 PM	45.6	45.2	0.4	7.0	41.6	-4.2
10:35 PM - 10:40 PM	46.0	44.6	1.4	7.0	42.0	-4.9
10:40 PM - 10:45 PM	45.8	44.9	0.9	7.0	41.8	-4.0
10:45 PM - 10:50 PM	45.5	44.7	0.8	7.0	41.5	-4.3
10:50 PM - 10:55 PM	45.3	44.2	1.1	7.0	41.3	-4.2
10:55 PM - 11:00 PM	45.1	44.0	1.1	7.0	41.1	-4.3
11:00 PM - 11:05 PM	46.1	45.7	0.4	7.0	42.1	-4.5
11:05 PM - 11:10 PM	46.1	46.4	-0.3	7.0	42.1	-4.5
11:10 PM - 11:15 PM	45.7	46.4	-0.7	7.0	41.7	-4.5
11:15 PM - 11:20 PM	45.3	46.1	-0.8	7.0	41.3	-4.0
11:20 PM - 11:25 PM	45.5	45.6	-0.1	7.0	41.5	-4.2
11:25 PM - 11:30 PM	45.0	45.2	-0.2	7.0	41.0	-4.3
11:30 PM - 11:35 PM	45.0	45.6	0.0	7.0	41.6	-4.3
11:35 PM - 11:40 PM	45.5	46.3	-0.8	7.0	41.5	-4.5
11:40 PM - 11:45 PM	45.8	46.0	-0.2	7.0	41.8	-3.7
11:45 PM - 11:50 PM	45.9	45.8	0.1	7.0	41.9	-3.8
11:50 PM - 11:55 PM	46.1	45.5	0.6	7.0	42.1	-4.4
11:55 PM - 12:00 AM	46.5	45.3	1.2	7.0	42.5	-4.7
12:00 AM - 12:05 AM	46.4	39.8	6.6	1.0	48.4	37.9
12:05 AM - 12:10 AM	46.6	39.4	7.2	1.0	48.6	37.4
12:10 AM - 12:15 AM	47.0	38.7	8.3	0.5	49.5	37.7
12:15 AM - 12:20 AM	47.2	38.2	9.0	0.5	49.7	37.3

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak



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 : Nongyai
Project Location :

Sample No. 2338636-16
Parameter เสียงรบกวน
Location พท.3 กรุงเทพมหานคร (N3)
Measurement Date Apr. 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734218



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651801-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในกิจกรรม	ระดับเสียง (dB(A))			ค่าระดับการรบกวน
			ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด	
12:20 AM - 12:25 AM	47.1	38.5	8.6	0.5	49.6	37.6
12:25 AM - 12:30 AM	47.3	38.1	9.2	0.5	49.8	37.1
12:30 AM - 12:35 AM	47.2	38.5	8.7	0.5	49.7	37.6
12:35 AM - 12:40 AM	47.5	38.2	9.3	0.5	50.0	37.4
12:40 AM - 12:45 AM	46.9	38.6	8.3	0.5	49.4	38.0
12:45 AM - 12:50 AM	46.6	39.0	7.6	0.5	49.1	38.3
12:50 AM - 12:55 AM	47.4	39.1	8.3	0.5	49.9	38.3
12:55 AM - 01:00 AM	47.4	39.1	8.3	0.5	49.9	38.3
01:00 AM - 01:05 AM	47.3	46.5	0.8	7.0	43.3	-2.3
01:05 AM - 01:10 AM	47.8	46.6	1.2	7.0	43.8	-1.6
01:10 AM - 01:15 AM	47.4	47.3	0.1	7.0	43.4	-2.2
01:15 AM - 01:20 AM	47.5	47.2	0.3	7.0	43.5	-2.9
01:20 AM - 01:25 AM	47.1	47.0	0.1	7.0	43.1	-3.2
01:25 AM - 01:30 AM	47.1	47.3	-0.2	7.0	43.1	-3.5
01:30 AM - 01:35 AM	47.6	47.3	0.3	7.0	43.6	-3.8
01:35 AM - 01:40 AM	47.7	48.0	-0.3	7.0	43.7	-3.3
01:40 AM - 01:45 AM	48.0	47.1	0.9	7.0	44.0	-2.1
01:45 AM - 01:50 AM	48.0	46.6	1.4	7.0	44.0	-1.7
01:50 AM - 01:55 AM	47.7	47.2	0.5	7.0	43.7	-2.1
01:55 AM - 02:00 AM	48.4	47.4	1.0	7.0	44.4	-2.2
02:00 AM - 02:05 AM	47.9	47.2	0.7	7.0	43.9	-2.7
02:05 AM - 02:10 AM	47.8	47.6	0.2	7.0	43.8	-3.1
02:10 AM - 02:15 AM	47.8	47.4	0.4	7.0	43.8	-3.0
02:15 AM - 02:20 AM	47.6	47.7	-0.1	7.0	43.6	-3.3
02:20 AM - 02:25 AM	48.1	47.3	0.8	7.0	44.1	-2.4
02:25 AM - 02:30 AM	48.1	47.6	0.5	7.0	44.1	-2.5
02:30 AM - 02:35 AM	54.4	47.6	6.8	1.0	56.4	9.9
02:35 AM - 02:40 AM	55.6	48.2	7.4	1.0	57.6	10.5
02:40 AM - 02:45 AM	55.1	47.9	7.2	1.0	57.1	9.9
02:45 AM - 02:50 AM	55.0	48.1	6.9	1.0	57.0	9.6
02:50 AM - 02:55 AM	54.7	48.0	6.7	1.0	56.7	9.3
02:55 AM - 03:00 AM	55.0	51.5	3.5	2.0	56.0	8.6
03:00 AM - 03:05 AM	54.3	49.8	4.5	1.5	55.8	8.5
03:05 AM - 03:10 AM	50.6	48.6	2.0	4.5	49.1	1.6
03:10 AM - 03:15 AM	47.0	48.0	-1.0	7.0	43.0	-4.3
03:15 AM - 03:20 AM	47.1	48.0	-0.9	7.0	43.1	-4.1
03:20 AM - 03:25 AM	46.0	48.4	-2.4	7.0	42.0	-5.4
03:25 AM - 03:30 AM	50.7	49.6	1.1	7.0	46.7	-0.2
03:30 AM - 03:35 AM	51.9	48.1	3.8	2.0	52.9	15.7
03:35 AM - 03:40 AM	56.3	49.7	6.6	1.0	58.3	43.0

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak



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 : Nongyai
Project Location :

Sample No. 2338636-16
Parameter เสียงรบกวน
Location พท. 3 บ้านหินปูน ตำบลหนองไผ่แก้ว (N3)
Measurement Date Apr 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734218



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651801-1

Page 3 of 3

เวลา	ระดับเสียง (dB(A))								
	เสียงจากแหล่งกำเนิด	(A)	เสียงขณะในการรบกวน	(B)	ค่าปรับค่า		(C)		
					ผลต่างระดับเสียง	ค่าปรับค่า			
								ปรับค่าเสียงจากแหล่งกำเนิด	
								ค่าจริง (Aeq)	ค่าปรับ (Aeq+)
03:40 AM - 03:45 AM	53.2	49.2	4.0	2.0	54.2	39.6	14.6		
03:45 AM - 03:50 AM	54.0	49.2	4.8	1.5	55.5	43.6	11.9		
03:50 AM - 03:55 AM	53.5	48.6	4.9	1.5	55.0	41.7	13.3		
03:55 AM - 04:00 AM	49.6	49.1	0.5	7.0	45.6	42.2	3.4		
04:00 AM - 04:05 AM	58.0	57.5	0.5	7.0	54.0	49.5	4.5		
04:05 AM - 04:10 AM	50.9	52.1	-1.2	7.0	46.9	45.4	1.5		
04:10 AM - 04:15 AM	50.8	46.3	4.5	1.5	52.3	45.2	7.1		
04:15 AM - 04:20 AM	52.7	46.8	5.9	1.5	54.2	45.4	8.8		
04:20 AM - 04:25 AM	51.1	45.5	5.6	1.5	52.6	44.3	8.3		
04:25 AM - 04:30 AM	54.6	53.1	1.5	4.5	53.1	44.7	8.4		
04:30 AM - 04:35 AM	53.5	50.9	2.6	3.0	53.5	44.6	8.9		
04:35 AM - 04:40 AM	54.8	56.3	-2.5	7.0	49.8	55.0	-5.2		
04:40 AM - 04:45 AM	54.7	52.8	1.9	4.5	53.2	46.7	6.5		
04:45 AM - 04:50 AM	51.9	57.3	-5.4	7.0	47.9	44.5	3.4		
04:50 AM - 04:55 AM	56.4	58.6	-2.2	7.0	52.4	45.0	7.4		
04:55 AM - 05:00 AM	56.5	52.2	4.3	2.0	57.5	44.9	12.6		
05:00 AM - 05:05 AM	55.1	61.8	-6.7	7.0	51.1	45.9	5.2		
05:05 AM - 05:10 AM	57.7	54.1	3.6	2.0	58.7	45.5	13.2		
05:10 AM - 05:15 AM	55.7	52.8	2.9	3.0	55.7	45.8	9.9		
05:15 AM - 05:20 AM	57.0	52.6	4.4	2.0	58.0	45.5	12.5		
05:20 AM - 05:25 AM	53.0	50.4	2.6	3.0	53.0	44.0	9.0		
05:25 AM - 05:30 AM	55.0	54.1	0.9	7.0	51.0	46.1	4.9		
05:30 AM - 05:35 AM	51.7	54.6	-2.9	7.0	47.7	45.8	1.9		
05:35 AM - 05:40 AM	55.6	55.1	0.5	7.0	51.6	46.8	4.8		
05:40 AM - 05:45 AM	54.2	55.0	-0.8	7.0	50.2	45.7	4.5		
05:45 AM - 05:50 AM	49.2	54.3	-5.1	7.0	45.2	44.9	0.3		
05:50 AM - 05:55 AM	48.5	58.1	-9.6	7.0	44.3	44.2	0.3		
05:55 AM - 06:00 AM	54.0	59.1	-5.1	7.0	50.0	44.7	5.3		
06:00 AM - 07:00 AM	57.0	55.1	1.9	4.5	52.5	44.6	7.9		
07:00 AM - 08:00 AM	60.7	53.0	7.7	0.5	60.2	41.0	19.2		
08:00 AM - 09:00 AM	58.1	54.7	3.4	3.0	55.1	49.8	5.3		
09:00 AM - 10:00 AM	57.1	52.5	4.6	1.5	55.6	45.5	10.1		
ค่ามาตรฐาน									
≤ 10									

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการวัดระดับเสียงรบกวน และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง กำหนดค่ามาตรฐานเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ท้าการวัดได้ วันที่ 30 เมษายน-01 พฤษภาคม 2566

ระดับเสียงที่ฐานและระดับเสียงรบกวนในโครงการ (Sample No.2338637-16 วันอังคารที่ 30 เมษายน-01 พฤษภาคม 2566)

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Approved by

Wilawan Borirak

Wilawan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-17
Parameter เสียงรบกวน
Location พท. 3 บ้านหินปูน ตำบลหนองไผ่แก้ว (N3)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734218



TESTING
No.0042

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651802-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการรบกวน	ระดับเสียง (dB(A))					เสียงที่ฐาน	ค่าระดับการรบกวน				
			(A)	(B)	(C)					(D)			
					ทิศทาง	ระดับเสียง	ตัวปรับค่า						
											เวลา	ค่าจริง	ค่าปรับ
10:00 AM - 11:00 AM	52.4	51.9	0.5	7.0	45.4	47.4	-2.0						
11:00 AM - 12:00 PM	52.1	51.2	0.9	7.0	45.1	41.4	3.7						
12:00 PM - 01:00 PM	52.8	51.1	1.7	4.5	48.3	40.0	8.3						
01:00 PM - 02:00 PM	52.3	52.5	-0.2	7.0	45.3	44.5	0.8						
02:00 PM - 03:00 PM	52.7	52.0	0.7	7.0	45.7	46.6	-0.9						
03:00 PM - 04:00 PM	56.5	52.7	3.8	2.0	54.5	43.0	11.5						
04:00 PM - 05:00 PM	54.6	59.2	-4.6	7.0	47.6	50.9	-3.3						
05:00 PM - 06:00 PM	49.6	55.7	-6.1	7.0	42.6	50.4	-7.8						
06:00 PM - 07:00 PM	48.3	49.1	-0.8	7.0	41.3	45.8	-4.5						
07:00 PM - 08:00 PM	45.5	48.0	-2.5	7.0	38.5	44.7	-6.2						
08:00 PM - 09:00 PM	46.9	45.6	1.3	7.0	39.9	43.3	-3.4						
09:00 PM - 10:00 PM	44.6	46.4	-1.8	7.0	37.6	43.7	-6.1						
10:00 PM - 10:05 PM	42.8	43.6	-0.8	7.0	-	38.8	41.8	-3.0					
10:05 PM - 10:10 PM	42.3	49.2	-6.9	7.0	-	38.3	41.2	-2.9					
10:10 PM - 10:15 PM	41.9	42.2	-0.3	7.0	-	37.9	40.4	-2.5					
10:15 PM - 10:20 PM	41.9	41.9	0.0	7.0	-	37.9	40.7	-2.8					
10:20 PM - 10:25 PM	41.4	41.6	-0.2	7.0	-	37.4	40.8	-3.4					
10:25 PM - 10:30 PM	42.4	45.1	-2.7	7.0	-	38.4	43.9	-5.5					
10:30 PM - 10:35 PM	41.8	45.3	-3.5	7.0	-	37.8	44.2	-6.4					
10:35 PM - 10:40 PM	42.1	45.1	-3.0	7.0	-	38.1	43.4	-5.3					
10:40 PM - 10:45 PM	42.1	44.2	-2.1	7.0	-	38.1	42.6	-4.5					
10:45 PM - 10:50 PM	42.3	44.5	-2.2	7.0	-	38.3	43.1	-4.8					
10:50 PM - 10:55 PM	44.4	44.6	-0.2	7.0	-	40.4	43.5	-3.1					
10:55 PM - 11:00 PM	42.0	44.7	-2.7	7.0	-	38.0	43.2	-5.2					
11:00 PM - 11:05 PM	42.8	45.0	-2.2	7.0	-	38.8	44.0	-5.2					
11:05 PM - 11:10 PM	42.4	45.8	-3.4	7.0	-	38.4	44.2	-5.8					
11:10 PM - 11:15 PM	42.5	46.7	-4.2	7.0	-	38.5	45.7	-7.2					
11:15 PM - 11:20 PM	42.9	46.3	-3.4	7.0	-	38.9	45.3	-6.4					
11:20 PM - 11:25 PM	44.0	46.2	-2.2	7.0	-	40.0	46.3	-6.3					
11:25 PM - 11:30 PM	41.2	46.7	-5.5	7.0	-	37.2	45.4	-8.2					
11:30 PM - 11:35 PM	45.7	46.4	-0.7	7.0	-	41.7	45.4	-3.7					
11:35 PM - 11:40 PM	44.9	45.7	-0.8	7.0	-	40.9	44.6	-3.7					
11:40 PM - 11:45 PM	41.6	45.2	-4.1	7.0	-	37.6	44.6	-7.0					
11:45 PM - 11:50 PM	40.8	45.6	-4.8	7.0	-	36.8	44.7	-7.9					
11:50 PM - 11:55 PM	41.2	47.3	-6.1	7.0	-	37.2	45.2	-8.0					
11:55 PM - 12:00 AM	41.5	46.0	-4.5	7.0	-	37.5	45.1	-7.6					
12:00 AM - 12:05 AM	40.4	42.4	-2.0	7.0	-	36.4	40.3	-3.9					
12:05 AM - 12:10 AM	40.6	40.9	-0.3	7.0	-	36.6	39.6	-3.0					
12:10 AM - 12:15 AM	51.1	40.3	10.8	0.5	-	53.6	38.7	14.9					
12:15 AM - 12:20 AM	40.1	40.9	-0.8	7.0	-	36.1	39.8	-3.7					

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651802-1

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

P/O : : Nongyai

Project Name : : Nongyai

Project Location : : Nongyai

Page 2 of 3

Sample No. 2338636-17
Parameter เสียงรบกวน
Location พท. 3 ไร่บ้านใหม่ ตำบลหนองไผ่แก้ว (N3)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734218

เวลา	ระดับเสียง (dB(A))						ค่าสัม การกวน
	เสียงจาก แหล่งกำเนิด	เสียงขณะ ไม่มีการรบกวน	ผลต่าง ระดับเสียง	การคำนวณ			
				ค่าเสียง จากแหล่งกำเนิด	ค่าเสียง จากตัวอาคาร	ค่าเสียง รวม	
12:20 AM - 12:25 AM	40.0	41.9	-1.9	7.0	36.0	39.2	-3.2
12:25 AM - 12:30 AM	41.4	39.7	1.7	4.5	39.9	38.7	1.2
12:30 AM - 12:35 AM	41.0	43.4	-2.4	7.0	37.0	38.5	-1.5
12:35 AM - 12:40 AM	43.7	43.6	0.1	7.0	39.7	38.7	1.0
12:40 AM - 12:45 AM	43.1	39.8	3.3	3.0	43.1	38.6	4.5
12:45 AM - 12:50 AM	43.2	39.6	3.6	2.0	44.2	38.5	5.7
12:50 AM - 12:55 AM	43.2	39.9	3.3	3.0	43.2	38.8	4.4
12:55 AM - 01:00 AM	42.8	41.0	1.8	4.5	41.3	39.3	2.0
01:00 AM - 01:05 AM	44.9	42.2	2.7	2.0	46.7	41.0	5.7
01:05 AM - 01:10 AM	44.5	42.5	2.0	4.5	43.4	41.7	1.7
01:10 AM - 01:15 AM	44.0	56.9	-12.9	7.0	40.0	42.5	-2.5
01:15 AM - 01:20 AM	43.0	43.4	-0.4	7.0	39.0	42.4	-3.4
01:20 AM - 01:25 AM	42.6	43.5	-0.9	7.0	38.6	42.8	-4.2
01:25 AM - 01:30 AM	41.3	43.3	-2.0	7.0	37.3	42.4	-5.1
01:30 AM - 01:35 AM	42.0	42.9	-0.9	7.0	38.0	41.7	-3.7
01:35 AM - 01:40 AM	41.3	44.3	-3.0	7.0	37.3	41.2	-3.9
01:40 AM - 01:45 AM	44.3	44.4	-0.1	7.0	40.3	42.9	-2.6
01:45 AM - 01:50 AM	43.8	44.8	-1.0	7.0	39.8	43.3	-3.5
01:50 AM - 01:55 AM	42.5	44.6	-2.1	7.0	38.5	42.5	-4.0
01:55 AM - 02:00 AM	44.4	43.8	0.6	7.0	40.4	41.8	-1.4
02:00 AM - 02:05 AM	43.2	46.3	-3.1	7.0	39.2	43.9	-4.7
02:05 AM - 02:10 AM	45.5	45.2	0.3	7.0	41.5	44.0	-2.5
02:10 AM - 02:15 AM	43.7	44.9	-1.2	7.0	39.7	43.4	-3.7
02:15 AM - 02:20 AM	45.9	44.4	1.5	4.5	44.4	42.2	2.2
02:20 AM - 02:25 AM	44.5	43.7	0.8	7.0	40.5	41.6	-1.1
02:25 AM - 02:30 AM	46.3	43.0	3.3	3.0	46.3	41.5	4.8
02:30 AM - 02:35 AM	44.9	43.5	1.4	7.0	40.9	41.9	-1.0
02:35 AM - 02:40 AM	52.4	43.3	9.1	0.5	54.9	41.4	13.5
02:40 AM - 02:45 AM	54.3	45.1	9.2	0.5	56.8	43.0	13.8
02:45 AM - 02:50 AM	53.5	44.9	8.6	0.5	56.0	43.0	13.0
02:50 AM - 02:55 AM	53.2	43.8	9.4	0.5	55.7	42.2	13.5
02:55 AM - 03:00 AM	55.2	45.7	9.5	0.5	57.7	43.9	13.8
03:00 AM - 03:05 AM	55.1	45.0	10.1	0.5	57.6	43.0	14.6
03:05 AM - 03:10 AM	53.9	46.8	7.1	1.0	55.9	43.5	12.4
03:10 AM - 03:15 AM	45.5	44.9	0.6	7.0	41.5	43.2	-1.7
03:15 AM - 03:20 AM	44.0	46.8	-2.8	7.0	40.0	44.2	-4.7
03:20 AM - 03:25 AM	43.1	45.9	-2.8	7.0	39.1	44.0	-4.9
03:25 AM - 03:30 AM	54.3	47.3	7.0	1.0	56.3	44.8	11.5
03:30 AM - 03:35 AM	55.6	46.3	9.3	0.5	58.1	44.2	13.9
03:35 AM - 03:40 AM	55.4	46.4	9.0	0.5	57.9	35.0	22.9

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Approved by

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



Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651802-1

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

P/O : : Nongyai

Project Name : : Nongyai

Project Location : : Nongyai

Page 3 of 3

Sample No. 2338636-17
Parameter เสียงรบกวน
Location พท. 3 ไร่บ้านใหม่ ตำบลหนองไผ่แก้ว (N3)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการ	เสียงรบกวน	ระดับเสียง (dB(A))			ค่าการรบกวน
				ผลต่างระดับเสียง	ค่าปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด	

Reference Method :

- ISO 1996-1
- ประกาศกรมอุตุนิยมวิทยา เรื่อง วิธีการตรวจวัดระดับเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่ได้จากการประกอบกิจกรรม พ.ศ. 2553

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจกรรม พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานเสียงทางเสียงที่ได้จากการประกอบกิจกรรมในสถานอุตสาหกรรม พ.ศ. 2561

ระดับเสียงพื้นฐานและระดับเสียงรบกวนในโครงการ (Sample No.2338637-17 วันที่ตรวจวัด 01-02 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) is strongly recommending that this report is not reproduced except in full.

Approved by

Wilawan Borirak
Manager

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



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 : Nongyai
Project Location :

Sample No.	238636-18
Parameter	เสียงรบกวน
Location	พ. 3 บริเวณด้านนอกอาคาร (N3)
Measurement Date	May 02 - 03, 2023
Measurement by	Panuwat Wangbong
Sound Level Meter	00734218

TESTING
No.0042
Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651803-1

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651803-1

Sample No.	2338636-18
Parameter	เสียงรบกวน
Location	พท. 3 ไร่บ้านขาม ตำบลหนองไผ่ล้อม (N3)
Measurement Date	May 02 - 03, 2023
Measurement by	Panuwat Wangbong
Sound Level Meter	00734218

เวลา	ระดับเสียง (dB(A))				ปริมาณเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน (dBA)	ค่าสัมประสิทธิ์การคำนวณ
	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการคำนวณ	ผลต่างระดับเสียง	ค่าปรับค่า	กลางคืน	กลางวัน		
10:00 AM - 11:00 AM	50.6	49.7	0.9	7.0	43.6	-	42.0	1.6
11:00 AM - 12:00 PM	51.2	48.9	2.3	4.5	46.7	-	40.1	6.6
12:00 PM - 01:00 PM	52.0	51.9	0.1	7.0	45.0	-	43.6	1.4
01:00 PM - 02:00 PM	53.2	52.8	0.4	7.0	46.2	-	45.9	0.6
02:00 PM - 03:00 PM	52.9	55.3	-2.4	7.0	45.9	-	43.9	2.0
03:00 PM - 04:00 PM	56.4	55.0	1.4	7.0	49.4	-	43.0	6.4
04:00 PM - 05:00 PM	54.6	57.5	-2.9	7.0	47.6	-	41.8	-2.2
05:00 PM - 06:00 PM	49.2	56.7	-7.5	7.0	42.2	-	59.2	-9.0
06:00 PM - 07:00 PM	48.2	48.5	-0.3	7.0	41.2	-	45.3	-4.1
07:00 PM - 08:00 PM	50.8	48.1	2.7	3.0	47.8	-	45.5	2.3
08:00 PM - 09:00 PM	47.6	50.3	-2.7	7.0	40.6	-	46.1	-5.5
09:00 PM - 10:00 PM	45.1	47.9	-2.8	7.0	38.1	-	44.8	-6.7
10:00 PM - 10:05 PM	43.3	44.0	-0.7	7.0	-	39.3	42.5	-3.2
10:05 PM - 10:10 PM	44.1	46.4	-2.3	7.0	-	40.1	42.8	-2.7
10:10 PM - 10:15 PM	44.6	45.4	-0.8	7.0	-	40.6	42.5	-1.9
10:15 PM - 10:20 PM	45.4	44.1	1.3	7.0	-	41.4	42.1	-0.7
10:20 PM - 10:25 PM	46.2	43.2	3.0	3.0	-	46.2	41.4	4.8
10:25 PM - 10:30 PM	46.7	45.1	1.6	4.5	-	45.2	42.9	2.3
10:30 PM - 10:35 PM	46.8	44.0	2.8	3.0	-	46.8	41.9	4.9
10:35 PM - 10:40 PM	46.5	44.1	2.4	4.5	-	45.0	42.6	2.4
10:40 PM - 10:45 PM	46.0	43.7	2.3	4.5	-	44.5	42.5	2.0
10:45 PM - 10:50 PM	45.6	44.1	1.5	4.5	-	44.1	42.8	1.3
10:50 PM - 10:55 PM	45.0	44.5	0.5	7.0	-	41.0	42.8	-1.8
10:55 PM - 11:00 PM	42.9	44.7	-1.8	7.0	-	38.9	43.3	-4.4
11:00 PM - 11:05 PM	43.4	44.6	-1.2	7.0	-	39.4	43.0	-3.6
11:05 PM - 11:10 PM	42.8	45.3	-2.5	7.0	-	38.8	43.8	-5.0
11:10 PM - 11:15 PM	43.5	45.6	-2.1	7.0	-	39.5	44.2	-4.7
11:15 PM - 11:20 PM	42.6	45.9	-3.3	7.0	-	38.6	43.6	-5.0
11:20 PM - 11:25 PM	41.6	47.0	-5.4	7.0	-	37.6	43.6	-6.0
11:25 PM - 11:30 PM	41.6	46.4	-4.8	7.0	-	37.6	43.0	-5.4
11:30 PM - 11:35 PM	44.0	46.6	-2.6	7.0	-	40.0	43.3	-3.3
11:35 PM - 11:40 PM	42.9	46.5	-1.3	7.0	-	41.2	44.4	-3.2
11:40 PM - 11:45 PM	42.9	46.4	-3.5	7.0	-	38.9	44.7	-5.8
11:45 PM - 11:50 PM	41.3	45.5	-4.2	7.0	-	37.3	44.2	-6.9
11:50 PM - 11:55 PM	40.3	45.3	-5.0	7.0	-	36.3	43.2	-6.9
11:55 PM - 12:00 AM	44.0	43.0	1.0	7.0	-	40.0	41.5	-1.5
12:00 AM - 12:05 AM	40.7	42.3	-0.3	7.0	-	38.0	40.9	-2.9
12:05 AM - 12:10 AM	40.7	40.8	-0.1	7.0	-	36.7	38.9	-2.2
12:10 AM - 12:15 AM	41.6	41.4	0.2	7.0	-	37.6	39.4	-1.8
12:15 AM - 12:20 AM	40.6	40.7	-0.1	7.0	-	36.6	38.8	-2.2

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Approved by

Wilawan Borir
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 : Nongyai
Project Location :

Sample No.	2338636-18
Parameter	เสียงรบกวน
Location	พื. 3 บ้านห้วย ต.หนองบัวลำภู (N3)
Measurement Date	May 02 - 03, 2023
Measurement by	Panuwat Wangbong
Sound Level Meter	00734218

TESTING
No.0042
Lot ID: 2338636
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report Number : 2651803-1

Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651803-1

Page 2 of 3

เวลา	ระดับเสียง (dB(A))					(a)	(b)	การรบกวน			(c)	การรบกวน		(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)	(aj)	(ak)	(al)	(am)	(an)	(ao)	(ap)	(aq)	(ar)	(as)	(at)	(au)	(av)	(aw)	(ax)	(ay)	(az)	(ba)	(bb)	(bc)	(bd)	(be)	(bf)	(bg)	(bh)	(bi)	(bj)	(bk)	(bl)	(bm)	(bn)	(bo)	(bp)	(bq)	(br)	(bs)	(bt)	(bu)	(bv)	(bw)	(bx)	(by)	(bz)	(ca)	(cb)	(cc)	(cd)	(ce)	(cf)	(cg)	(ch)	(ci)	(cj)	(ck)	(cl)	(cm)	(cn)	(co)	(cp)	(cq)	(cr)	(cs)	(ct)	(cu)	(cv)	(cw)	(cx)	(cy)	(cz)	(da)	(db)	(dc)	(dd)	(de)	(df)	(dg)	(dh)	(di)	(dj)	(dk)	(dl)	(dm)	(dn)	(do)	(dp)	(dq)	(dr)	(ds)	(dt)	(du)	(dv)	(dw)	(dx)	(dy)	(dz)	(ea)	(eb)	(ec)	(ed)	(ee)	(ef)	(eg)	(eh)	(ei)	(ej)	(ek)	(el)	(em)	(en)	(eo)	(ep)	(eq)	(er)	(es)	(et)	(eu)	(ev)	(ew)	(ex)	(ey)	(ez)	(fa)	(fb)	(fc)	(fd)	(fe)	(ff)	(fg)	(fh)	(fi)	(fj)	(fk)	(fl)	(fm)	(fn)	(fo)	(fp)	(fq)	(fr)	(fs)	(ft)	(fu)	(fv)	(fw)	(fx)	(fy)	(fz)	(ga)	(gb)	(gc)	(gd)	(ge)	(gf)	(gg)	(gh)	(gi)	(gj)	(gk)	(gl)	(gm)	(gn)	(go)	(gp)	(gq)	(gr)	(gs)	(gt)	(gu)	(gv)	(gw)	(gx)	(gy)	(gz)	(ha)	(hb)	(hc)	(hd)	(he)	(hf)	(hg)	(hh)	(hi)	(hj)	(hk)	(hl)	(hm)	(hn)	(ho)	(hp)	(hq)	(hr)	(hs)	(ht)	(hu)	(hv)	(hw)	(hx)	(hy)	(hz)	(ia)	(ib)	(ic)	(id)	(ie)	(if)	(ig)	(ih)	(ii)	(ij)	(ik)	(il)	(im)
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Approved by

Wilawan Borirak
Manager

WLB

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Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023

Date Reported : May 15, 2023

Report Number : 2651804-1

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

P/O : : Nongyai

Project Name : : Nongyai

Project Location : : Nongyai

Sample No. : 2338636-19

Parameter : เสียงรบกวน

Location : พท.3 บ้านหินปูน ตำบลหนองไผ่แก้ว (N3)

Measurement Date : May 03 - 04, 2023

Measurement by : Panuwat Wangbong

Sound Level Meter : 00734218

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการ	ผลต่างระดับเสียง	ระดับเสียง (dB(A))			การประเมิน			
				(A)	(B)	(C)				
								ค่าปรับ	ค่าจริง	ค่าปรับ
10:00 AM - 11:00 AM	50.6	49.5	1.1	7.0	43.6	-	41.5	2.1		
11:00 AM - 12:00 PM	61.4	51.4	10.0	0.5	60.9	-	39.3	21.6		
12:00 PM - 01:00 PM	53.8	54.7	-0.9	7.0	46.8	-	51.6	-4.8		
01:00 PM - 02:00 PM	51.9	58.1	-6.2	7.0	44.9	-	54.5	-9.6		
02:00 PM - 03:00 PM	51.4	54.7	-3.3	7.0	44.4	-	47.3	-2.9		
03:00 PM - 04:00 PM	53.5	52.5	1.0	7.0	46.5	-	45.8	0.7		
04:00 PM - 05:00 PM	52.4	56.9	-4.5	7.0	45.4	-	50.2	-4.8		
05:00 PM - 06:00 PM	48.4	56.4	-8.0	7.0	41.4	-	50.9	-9.5		
06:00 PM - 07:00 PM	47.8	48.2	-0.4	7.0	40.8	-	45.0	-4.2		
07:00 PM - 08:00 PM	46.2	47.8	-1.6	7.0	39.2	-	45.2	-6.0		
08:00 PM - 09:00 PM	45.3	49.1	-3.8	7.0	38.3	-	46.5	-8.2		
09:00 PM - 10:00 PM	45.2	45.9	-0.7	7.0	38.2	-	44.1	-5.9		
10:00 PM - 10:05 PM	43.8	44.7	-0.9	7.0	39.8	-	43.1	-3.3		
10:05 PM - 10:10 PM	43.6	45.1	-1.5	7.0	39.6	-	43.4	-3.8		
10:10 PM - 10:15 PM	44.0	46.4	-2.4	7.0	40.0	-	44.3	-4.3		
10:15 PM - 10:20 PM	44.1	44.3	-0.2	7.0	40.1	-	42.9	-2.8		
10:20 PM - 10:25 PM	44.5	44.3	0.2	7.0	40.5	-	43.2	-2.7		
10:25 PM - 10:30 PM	43.5	44.5	-1.0	7.0	39.5	-	43.3	-3.8		
10:30 PM - 10:35 PM	43.6	46.1	-2.5	7.0	39.6	-	45.0	-5.4		
10:35 PM - 10:40 PM	44.3	44.3	0.0	7.0	40.3	-	43.3	-3.0		
10:40 PM - 10:45 PM	44.4	44.2	0.2	7.0	40.4	-	43.2	-2.8		
10:45 PM - 10:50 PM	43.4	43.9	-0.5	7.0	39.4	-	43.0	-3.6		
10:50 PM - 10:55 PM	43.3	43.7	-0.4	7.0	39.3	-	42.9	-3.6		
10:55 PM - 11:00 PM	43.4	49.0	-5.6	7.0	39.4	-	43.1	-3.7		
11:00 PM - 11:05 PM	43.6	45.5	-1.9	7.0	39.6	-	43.9	-4.3		
11:05 PM - 11:10 PM	43.3	46.4	-3.1	7.0	39.3	-	45.4	-6.1		
11:10 PM - 11:15 PM	43.3	46.0	-2.7	7.0	39.3	-	45.0	-5.7		
11:15 PM - 11:20 PM	43.8	45.9	-2.1	7.0	39.8	-	45.0	-5.2		
11:20 PM - 11:25 PM	42.8	46.4	-3.6	7.0	38.8	-	45.1	-6.3		
11:25 PM - 11:30 PM	42.9	46.1	-3.2	7.0	38.9	-	45.1	-6.2		
11:30 PM - 11:35 PM	43.0	45.4	-2.4	7.0	39.0	-	44.3	-5.3		
11:35 PM - 11:40 PM	42.9	45.4	-2.5	7.0	38.9	-	44.3	-5.4		
11:40 PM - 11:45 PM	41.9	45.3	-3.4	7.0	37.9	-	44.4	-6.5		
11:45 PM - 11:50 PM	42.7	47.0	-4.3	7.0	38.7	-	44.9	-6.2		
11:50 PM - 11:55 PM	42.4	45.7	-3.3	7.0	38.4	-	44.8	-6.4		
11:55 PM - 12:00 AM	43.4	45.0	-1.6	7.0	39.4	-	42.9	-3.5		
12:00 AM - 12:05 AM	42.2	41.6	0.6	7.0	38.2	-	40.3	-2.1		
12:05 AM - 12:10 AM	42.1	41.0	1.1	7.0	38.1	-	39.4	-1.3		
12:10 AM - 12:15 AM	42.1	41.6	0.5	7.0	38.1	-	40.5	-2.4		
12:15 AM - 12:20 AM	42.4	42.6	-0.2	7.0	38.4	-	39.9	-1.5		

Wilawan Borirak

Wilawan Borirak
Manager

Approved by

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Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023

Date Reported : May 15, 2023

Report Number : 2651803-1

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

P/O : : Nongyai

Project Name : : Nongyai

Project Location : : Nongyai

Sample No. : 2338636-18

Parameter : เสียงรบกวน

Location : พท.3 บ้านหินปูน ตำบลหนองไผ่แก้ว (N3)

Measurement Date : May 02 - 03, 2023

Measurement by : Panuwat Wangbong

Sound Level Meter : 00734218

Page 3 of 3

เวลา	ระดับเสียง (dB(A))					ค่าระดับการรบกวน			
	เสียงจากแหล่งกำเนิด	เสียงขณะไม่มีการรบกวน	ผลต่างระดับเสียง	ส่วนเกินค่า	(a)				
							(b)	(c)	(d)
ปรับค่าเสียงจากแหล่งกำเนิด									
	ค่าจริง	ค่าปรับ	ค่าจริง	ค่าปรับ	(g)				
03:40 AM - 03:45 AM	59.5	48.6	10.9	0.5	37.8	24.2			
03:45 AM - 03:50 AM	59.2	51.1	8.1	0.5	61.7	44.3			
03:50 AM - 03:55 AM	58.2	50.7	7.5	0.5	60.7	41.2			
03:55 AM - 04:00 AM	55.8	50.2	5.6	1.5	57.3	45.1			
04:00 AM - 04:05 AM	55.4	56.5	-1.1	7.0	51.4	50.0			
04:05 AM - 04:10 AM	57.0	56.3	0.7	7.0	53.0	50.7			
04:10 AM - 04:15 AM	54.6	55.4	-0.8	7.0	50.6	44.3			
04:15 AM - 04:20 AM	52.4	44.9	7.5	0.5	54.9	42.6			
04:20 AM - 04:25 AM	50.7	46.0	4.7	1.5	52.2	42.7			
04:25 AM - 04:30 AM	52.3	53.8	-1.5	7.0	48.3	43.9			
04:30 AM - 04:35 AM	52.0	58.9	-6.9	7.0	48.0	55.6			
04:35 AM - 04:40 AM	57.6	61.0	-3.4	7.0	53.6	52.6			
04:40 AM - 04:45 AM	56.4	60.1	-4.6	7.0	52.4	48.2			
04:45 AM - 04:50 AM	59.9	62.1	-2.2	7.0	55.9	46.3			
04:50 AM - 04:55 AM	56.0	59.7	-3.7	7.0	52.0	47.0			
04:55 AM - 05:00 AM	56.9	59.5	-2.6	7.0	52.9	47.6			
05:00 AM - 05:05 AM	59.3	56.8	2.5	3.0	59.3	47.2			
05:05 AM - 05:10 AM	57.9	57.2	0.7	7.0	53.9	45.6			
05:10 AM - 05:15 AM	56.6	56.3	0.3	7.0	52.6	46.2			
05:15 AM - 05:20 AM	54.3	54.7	-0.4	7.0	50.3	45.5			
05:20 AM - 05:25 AM	51.6	53.8	-2.2	7.0	47.6	44.7			
05:25 AM - 05:30 AM	52.9	53.5	-0.6	7.0	48.9	46.4			
05:30 AM - 05:35 AM	53.7	53.1	0.6	7.0	49.7	45.4			
05:35 AM - 05:40 AM	50.3	54.0	-3.7	7.0	46.3	44.7			
05:40 AM - 05:45 AM	52.7	55.2	-2.5	7.0	48.7	45.5			
05:45 AM - 05:50 AM	51.3	62.4	-11.1	7.0	47.3	47.1			
05:50 AM - 05:55 AM	49.4	58.4	-9.0	7.0	45.4	43.8			
05:55 AM - 06:00 AM	51.8	56.6	-4.8	7.0	47.8	44.8			
06:00 AM - 07:00 AM	54.4	55.1	-0.7	7.0	47.4	43.0			
07:00 AM - 08:00 AM	52.6	53.1	-0.5	7.0	45.6	42.2			
08:00 AM - 09:00 AM	55.4	53.6	1.8	4.5	50.9	43.1			
09:00 AM - 10:00 AM	52.7	53.9	-1.2	7.0	45.7	47.4			
รวมเฉลี่ย						<10			

Reference Method :

1. ISO 1996-1

2. ประกาศกรมอุตุนิยมวิทยา เรื่อง วิธีการวัดระดับเสียงรบกวน และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

มาตรฐาน

1. ประกาศกรมอุตุนิยมวิทยา เรื่อง การวัดระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548

2. ประกาศกรมอุตุนิยมวิทยา เรื่อง การวัดระดับเสียงรบกวนและระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2558

ระดับเสียงจากแหล่งกำเนิด ที่การตรวจวัด วันที่ 02-03 พฤษภาคม 2566

ระดับเสียงที่ฐานและระดับเสียงรบกวนในโครงการ (Sample No.2338637-18 วันที่ตรวจวัด 02-03 พฤษภาคม 2566)

Wilawan Borirak

Wilawan Borirak
Manager

Approved by

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Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651804-1

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

P/O : : Nongyai

Project Name : : Nongyai

Project Location : : Nongyai

Page 2 of 3

Sample No. 2338636-19

Parameter เสียงรบกวน

Location พ. 3 ภายนอก ด้านหลังโรงแรม (N3)

Measurement Date May 03 - 04, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน ในกิจกรรม	เสียงรบกวน รวมเสียง	ระดับเสียง (dB(A))		ค่าระดับ การรบกวน
				ค่าจริง	ค่าเฉลี่ย	
12:20 AM - 12:25 AM	42.7	40.4	2.3	45.5	41.2	39.4
12:25 AM - 12:30 AM	42.0	44.1	-2.1	7.0	38.0	39.2
12:30 AM - 12:35 AM	41.5	44.3	-2.8	7.0	37.5	39.4
12:35 AM - 12:40 AM	42.4	40.5	1.9	4.5	40.9	39.3
12:40 AM - 12:45 AM	43.7	40.3	3.4	3.0	43.7	39.2
12:45 AM - 12:50 AM	43.3	40.6	2.7	3.0	43.3	39.5
12:50 AM - 12:55 AM	44.7	41.7	3.0	3.0	44.7	40.0
12:55 AM - 01:00 AM	44.2	40.0	4.2	2.0	45.2	38.8
01:00 AM - 01:05 AM	45.3	42.2	3.1	3.0	45.3	41.4
01:05 AM - 01:10 AM	46.0	56.6	-10.6	7.0	42.0	42.2
01:10 AM - 01:15 AM	46.6	43.1	3.5	2.0	47.6	42.1
01:15 AM - 01:20 AM	46.5	43.2	3.3	3.0	46.5	42.5
01:20 AM - 01:25 AM	45.8	43.0	2.8	3.0	45.8	42.1
01:25 AM - 01:30 AM	46.8	42.6	4.2	2.0	47.8	41.4
01:30 AM - 01:35 AM	46.9	44.0	2.8	3.0	46.8	40.9
01:35 AM - 01:40 AM	46.9	44.1	2.8	3.0	46.8	42.6
01:40 AM - 01:45 AM	47.6	44.5	3.1	3.0	47.6	43.0
01:45 AM - 01:50 AM	47.7	44.3	3.4	3.0	47.7	42.2
01:50 AM - 01:55 AM	47.5	44.5	3.0	4.0	48.5	41.5
01:55 AM - 02:00 AM	47.5	46.0	1.5	4.5	46.0	43.6
02:00 AM - 02:05 AM	48.4	41.4	7.0	1.0	50.4	40.6
02:05 AM - 02:10 AM	46.7	41.5	5.2	1.5	48.2	40.8
02:10 AM - 02:15 AM	47.9	41.6	6.3	1.5	49.4	40.9
02:15 AM - 02:20 AM	46.8	41.5	5.3	1.5	48.3	40.4
02:20 AM - 02:25 AM	47.2	42.3	4.9	1.5	48.7	41.4
02:25 AM - 02:30 AM	46.7	42.0	4.7	1.5	48.2	41.4
02:30 AM - 02:35 AM	47.1	42.6	4.5	1.5	48.6	41.6
02:35 AM - 02:40 AM	53.8	42.2	11.6	0.5	56.3	41.2
02:40 AM - 02:45 AM	55.8	43.5	12.3	0.5	58.3	41.3
02:45 AM - 02:50 AM	55.3	42.6	12.7	0.0	58.3	41.9
02:50 AM - 02:55 AM	54.6	47.0	7.6	0.5	57.1	41.5
02:55 AM - 03:00 AM	53.8	44.5	9.3	0.5	56.3	41.9
03:00 AM - 03:05 AM	53.8	52.8	1.0	7.0	49.8	43.2
03:05 AM - 03:10 AM	52.9	49.8	3.1	3.0	52.9	41.3
03:10 AM - 03:15 AM	45.8	44.4	1.4	7.0	41.8	39.4
03:15 AM - 03:20 AM	44.2	44.2	0.0	7.0	40.2	41.2
03:20 AM - 03:25 AM	46.3	43.0	3.3	3.0	46.3	41.3
03:25 AM - 03:30 AM	50.1	43.5	6.6	1.0	52.1	42.2
03:30 AM - 03:35 AM	55.5	41.6	13.9	0.0	55.5	39.6
03:35 AM - 03:40 AM	56.4	42.8	13.6	0.0	59.4	40.8

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report



TESTING
No.0042

Lot ID: 2338636

Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651804-1

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

P/O : : Nongyai

Project Name : : Nongyai

Project Location : : Nongyai

Page 3 of 3

Sample No. 2338636-19

Parameter เสียงรบกวน

Location พ. 3 ภายนอก ด้านหลังโรงแรม (N3)

Measurement Date May 03 - 04, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00734218

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวน ในกิจกรรม	เสียงรบกวน รวมเสียง	ระดับเสียง (dB(A))		ค่าระดับ การรบกวน
				ค่าจริง	ค่าเฉลี่ย	
03:40 AM - 03:45 AM	55.0	54.4	0.6	7.0	51.0	42.2
03:45 AM - 03:50 AM	50.6	58.7	-8.1	7.0	46.6	51.5
03:50 AM - 03:55 AM	51.2	57.4	-6.2	7.0	47.2	47.6
03:55 AM - 04:00 AM	56.6	58.2	-1.6	7.0	52.6	52.8
04:00 AM - 04:05 AM	58.1	57.7	0.4	7.0	54.1	51.0
04:05 AM - 04:10 AM	64.9	56.9	8.0	0.5	67.4	45.3
04:10 AM - 04:15 AM	67.6	56.0	11.6	0.5	70.1	45.9
04:15 AM - 04:20 AM	67.5	54.4	13.1	0.0	70.5	45.2
04:20 AM - 04:25 AM	68.0	53.5	14.5	0.0	71.0	44.4
04:25 AM - 04:30 AM	67.7	53.2	14.5	0.0	70.7	46.1
04:30 AM - 04:35 AM	67.5	52.8	14.7	0.0	70.5	45.1
04:35 AM - 04:40 AM	67.2	53.7	13.5	0.0	70.2	44.4
04:40 AM - 04:45 AM	67.6	54.9	12.7	0.0	70.6	45.2
04:45 AM - 04:50 AM	66.6	62.1	4.5	1.5	68.1	46.8
04:50 AM - 04:55 AM	67.5	58.1	9.4	0.5	70.0	43.5
04:55 AM - 05:00 AM	68.4	56.3	12.1	0.5	70.9	44.5
05:00 AM - 05:05 AM	68.0	58.4	9.6	0.5	70.5	44.9
05:05 AM - 05:10 AM	67.4	57.5	9.9	0.5	69.9	43.1
05:10 AM - 05:15 AM	68.0	57.2	10.8	0.5	70.5	42.6
05:15 AM - 05:20 AM	67.5	52.8	14.7	0.0	70.5	44.9
05:20 AM - 05:25 AM	67.6	53.4	14.2	0.0	70.6	43.3
05:25 AM - 05:30 AM	65.8	55.6	10.2	0.5	68.3	42.7
05:30 AM - 05:35 AM	63.5	55.3	8.2	0.5	66.0	44.0
05:35 AM - 05:40 AM	64.5	51.4	13.1	0.0	67.5	42.9
05:40 AM - 05:45 AM	63.8	51.8	12.0	0.5	66.3	41.8
05:45 AM - 05:50 AM	64.8	51.9	12.9	0.0	67.8	41.3
05:50 AM - 05:55 AM	61.1	50.7	10.4	0.5	63.6	41.4
05:55 AM - 06:00 AM	58.0	51.6	6.4	1.5	59.5	42.6
06:00 AM - 07:00 AM	63.1	52.8	10.3	0.5	63.6	41.9
07:00 AM - 08:00 AM	62.3	59.6	2.7	3.0	59.3	52.3
08:00 AM - 09:00 AM	52.6	55.0	-2.4	7.0	45.6	46.3
09:00 AM - 10:00 AM	51.7	61.9	-10.2	7.0	44.7	57.8

Reference Method :

1. ISO 1996-1

2. ประกาศกรมอุตสาหกรรม เรื่อง วิธีการตรวจวัดเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

ภาคธุรกิจ

1. ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2548

2. ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่าระดับเสียงรบกวนและระดับเสียงที่ได้จากการประกอบกิจการในสถานอุตสาหกรรม พ.ศ. 2561

ระดับเสียงจากแหล่งกำเนิด ทิศทางวัด วันที่ 03-04 พฤษภาคม 2566

ระดับเสียงพื้นฐานและระดับเสียงรบกวนในกิจกรรม (Sample No.2338637-19 วันที่ตรวจวัด 03-04 พฤษภาคม 2566)

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Wilawan Borirak

Wilawan Borirak
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 : Nongyai
Project Location :

Sample No. 2338636-20
Parameter เสียงรบกวน
Location พท.3 กรุงเทพมหานคร (N3)
Measurement Date May/04 - 05, 2023
Measurement by Panuwat Wangpong
Sound Level Meter 00734218



TESTING
No.0042
Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651805-1

Page 1 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการ	ระดับเสียง (dB(A))			ค่าระดับการรบกวน
			ผลต่างระดับเสียง	ส่วนเกินค่า	ปรับค่าเสียงจากแหล่งกำเนิด	
					ค่าจริง	
10:00 AM - 11:00 AM	52.2	63.9	-11.7	7.0	45.2	-12.9
11:00 AM - 12:00 PM	52.8	59.3	-6.5	7.0	45.8	-10.8
12:00 PM - 01:00 PM	53.0	61.3	-8.3	7.0	46.0	-12.1
01:00 PM - 02:00 PM	58.9	57.9	1.0	7.0	51.9	0.2
02:00 PM - 03:00 PM	60.1	61.3	-1.2	7.0	53.1	4.2
03:00 PM - 04:00 PM	58.1	60.1	-2.0	7.0	51.1	-3.8
04:00 PM - 05:00 PM	57.5	58.9	-1.4	7.0	50.5	-1.5
05:00 PM - 06:00 PM	51.3	58.1	-6.8	7.0	44.3	-6.7
06:00 PM - 07:00 PM	46.3	48.9	-2.6	7.0	39.3	-5.0
07:00 PM - 08:00 PM	45.9	49.3	-3.4	7.0	38.9	-7.4
08:00 PM - 09:00 PM	43.9	45.9	-2.0	7.0	36.9	-6.8
09:00 PM - 10:00 PM	43.9	46.1	-2.2	7.0	36.9	-6.3
10:00 PM - 10:05 PM	40.5	45.5	-5.0	7.0	36.5	-4.1
10:05 PM - 10:10 PM	41.8	44.7	-2.9	7.0	37.8	-6.0
10:10 PM - 10:15 PM	42.8	45.2	-2.4	7.0	38.4	-4.6
10:15 PM - 10:20 PM	42.4	45.6	-3.2	7.0	38.4	-4.3
10:20 PM - 10:25 PM	42.8	46.8	-4.0	7.0	38.8	-4.0
10:25 PM - 10:30 PM	42.9	52.4	-9.5	7.0	38.9	-4.4
10:30 PM - 10:35 PM	43.2	45.4	-2.2	7.0	39.2	-4.4
10:35 PM - 10:40 PM	41.0	45.1	-4.1	7.0	37.0	-6.9
10:40 PM - 10:45 PM	41.4	44.8	-3.4	7.0	37.4	-6.6
10:45 PM - 10:50 PM	41.5	44.8	-3.3	7.0	37.5	-6.1
10:50 PM - 10:55 PM	42.6	45.0	-2.4	7.0	38.6	-5.3
10:55 PM - 11:00 PM	41.8	44.8	-3.0	7.0	37.8	-6.0
11:00 PM - 11:05 PM	41.6	43.9	-2.3	7.0	37.6	-4.7
11:05 PM - 11:10 PM	41.8	44.2	-2.4	7.0	37.8	-5.0
11:10 PM - 11:15 PM	41.9	44.3	-2.4	7.0	37.9	-5.3
11:15 PM - 11:20 PM	40.7	44.4	-3.7	7.0	36.7	-6.2
11:20 PM - 11:25 PM	40.1	44.7	-4.6	7.0	36.1	-7.6
11:25 PM - 11:30 PM	40.0	44.9	-4.9	7.0	36.0	-7.7
11:30 PM - 11:35 PM	41.0	44.6	-3.6	7.0	37.0	-6.1
11:35 PM - 11:40 PM	42.1	44.1	-2.0	7.0	38.1	-4.9
11:40 PM - 11:45 PM	42.2	43.4	-1.2	7.0	38.2	-3.1
11:45 PM - 11:50 PM	42.6	42.7	0.1	7.0	38.6	-2.6
11:50 PM - 11:55 PM	46.9	43.2	3.7	7.0	42.9	6.3
11:55 PM - 12:00 AM	46.1	45.0	1.1	7.0	42.1	-2.3
12:00 AM - 12:05 AM	44.5	41.8	2.7	3.0	44.5	39.9
12:05 AM - 12:10 AM	41.7	41.4	0.3	7.0	37.7	-4.6
12:10 AM - 12:15 AM	40.8	40.7	0.1	7.0	36.8	-2.9
12:15 AM - 12:20 AM	42.4	40.2	2.2	4.5	40.9	39.3

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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 : Nongyai
Project Location :

Sample No. 2338636-20
Parameter เสียงรบกวน
Location พท.3 กรุงเทพมหานคร (N3)
Measurement Date May/04 - 05, 2023
Measurement by Panuwat Wangpong
Sound Level Meter 00734218



TESTING
No.0042
Lot ID: 2338636
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report Number : 2651805-1

Page 2 of 3

เวลา	เสียงจากแหล่งกำเนิด	เสียงรบกวนในโครงการ	ระดับเสียง (dB(A))			ค่าระดับการรบกวน
			ผลต่างระดับเสียง	ส่วนเกินค่า	ปรับค่าเสียงจากแหล่งกำเนิด	
					ค่าจริง	
12:20 AM - 12:25 AM	44.2	40.5	3.7	2.0	45.2	5.6
12:25 AM - 12:30 AM	41.4	40.1	1.3	7.0	37.4	-1.7
12:30 AM - 12:35 AM	41.3	40.5	0.8	7.0	37.3	-2.3
12:35 AM - 12:40 AM	41.6	40.2	1.4	7.0	37.6	-1.8
12:40 AM - 12:45 AM	43.3	40.6	2.7	3.0	43.3	3.3
12:45 AM - 12:50 AM	42.3	41.0	1.3	7.0	38.3	-2.0
12:50 AM - 12:55 AM	41.4	41.1	0.3	7.0	37.4	-2.9
12:55 AM - 01:00 AM	39.8	41.1	-1.3	7.0	35.8	-4.6
01:00 AM - 01:05 AM	40.1	46.2	-6.1	7.0	36.1	-9.2
01:05 AM - 01:10 AM	39.9	46.3	-6.4	7.0	35.9	-9.2
01:10 AM - 01:15 AM	40.6	47.0	-6.4	7.0	36.6	-8.7
01:15 AM - 01:20 AM	40.3	46.9	-6.6	7.0	36.3	-9.8
01:20 AM - 01:25 AM	39.4	46.7	-7.3	7.0	35.4	-10.6
01:25 AM - 01:30 AM	40.5	47.0	-6.5	7.0	36.5	-9.8
01:30 AM - 01:35 AM	39.8	47.0	-7.2	7.0	35.8	-10.3
01:35 AM - 01:40 AM	40.7	47.7	-7.0	7.0	36.7	-10.0
01:40 AM - 01:45 AM	41.5	46.8	-5.3	7.0	37.5	-8.3
01:45 AM - 01:50 AM	40.7	46.3	-5.6	7.0	36.7	-8.7
01:50 AM - 01:55 AM	41.2	46.9	-5.7	7.0	37.2	-8.3
01:55 AM - 02:00 AM	43.6	47.1	-3.5	7.0	39.6	-6.7
02:00 AM - 02:05 AM	43.8	46.9	-3.1	7.0	39.8	-6.5
02:05 AM - 02:10 AM	42.8	47.3	-4.5	7.0	38.8	-7.8
02:10 AM - 02:15 AM	41.7	47.1	-5.4	7.0	37.7	-8.8
02:15 AM - 02:20 AM	48.8	47.4	1.4	7.0	44.8	-1.8
02:20 AM - 02:25 AM	41.4	47.0	-5.6	7.0	37.4	-8.8
02:25 AM - 02:30 AM	41.1	47.3	-6.2	7.0	37.1	-9.2
02:30 AM - 02:35 AM	40.5	47.3	-6.8	7.0	36.5	-9.7
02:35 AM - 02:40 AM	40.9	47.9	-7.0	7.0	36.9	-9.9
02:40 AM - 02:45 AM	41.9	47.6	-5.7	7.0	37.9	-9.0
02:45 AM - 02:50 AM	46.1	47.8	-1.7	7.0	42.1	-5.0
02:50 AM - 02:55 AM	54.7	47.7	7.0	1.0	56.7	9.6
02:55 AM - 03:00 AM	56.0	51.2	4.8	1.5	57.5	10.4
03:00 AM - 03:05 AM	55.5	49.5	6.0	1.5	57.0	10.0
03:05 AM - 03:10 AM	55.4	48.3	7.1	1.0	57.4	10.2
03:10 AM - 03:15 AM	53.9	47.7	6.2	1.5	55.4	8.4
03:15 AM - 03:20 AM	51.3	47.7	3.6	2.0	52.3	5.4
03:20 AM - 03:25 AM	45.8	48.1	-2.3	7.0	41.8	-2.6
03:25 AM - 03:30 AM	48.0	49.3	-1.3	7.0	44.0	-5.6
03:30 AM - 03:35 AM	53.7	47.8	5.9	1.5	55.2	18.3
03:35 AM - 03:40 AM	55.7	49.4	6.3	1.5	57.2	14.5

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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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651810-1

P/O :
Project Name : Nongyai
Project Location :

Page 1 of 3

Sample No. 2338637-1
Parameter Noise
Location โรงพนาจตุรทิศอุตสาหกรรมพาณิชย์ (N1) (Shut down)
Measurement Date Apr 29 - 30, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.3	79.8	38.3
12:00 PM - 01:00 PM	50.5	78.5	36.9
01:00 PM - 02:00 PM	47.4	75.5	36.9
02:00 PM - 03:00 PM	55.3	85.4	45.0
03:00 PM - 04:00 PM	62.0	91.0	54.0
04:00 PM - 05:00 PM	61.5	90.3	56.3
05:00 PM - 06:00 PM	56.5	80.3	51.5
06:00 PM - 07:00 PM	57.5	87.1	51.9
07:00 PM - 08:00 PM	52.0	69.5	50.5
08:00 PM - 09:00 PM	51.9	69.0	50.9
09:00 PM - 10:00 PM	53.1	74.9	51.4
10:00 PM - 10:05 PM	53.0	63.2	51.3
10:05 PM - 10:10 PM	51.0	60.0	49.3
10:10 PM - 10:15 PM	54.7	67.0	49.6
10:15 PM - 10:20 PM	54.2	73.3	49.6
10:20 PM - 10:25 PM	51.3	57.2	50.7
10:25 PM - 10:30 PM	51.1	62.9	49.4
10:30 PM - 10:35 PM	56.5	68.8	49.4
10:35 PM - 10:40 PM	51.1	65.9	49.4
10:40 PM - 10:45 PM	50.2	62.1	49.3
10:45 PM - 10:50 PM	56.3	72.4	50.8
10:50 PM - 10:55 PM	51.9	68.6	49.5
10:55 PM - 11:00 PM	51.4	65.7	49.6
11:00 PM - 11:05 PM	54.0	67.9	49.8
11:05 PM - 11:10 PM	58.8	71.0	49.8
11:10 PM - 11:15 PM	53.3	69.4	50.1
11:15 PM - 11:20 PM	57.7	70.5	50.7
11:20 PM - 11:25 PM	61.0	72.3	51.0
11:25 PM - 11:30 PM	61.8	73.1	50.9
11:30 PM - 11:35 PM	67.5	74.4	53.7
11:35 PM - 11:40 PM	63.0	77.1	50.9
11:40 PM - 11:45 PM	56.1	70.3	51.0
11:45 PM - 11:50 PM	55.2	67.3	50.5
11:50 PM - 11:55 PM	62.2	72.8	49.8
11:55 PM - 12:00 AM	53.6	64.7	50.6
12:00 AM - 12:05 AM	50.7	70.3	50.7
12:05 AM - 12:10 AM	57.4	69.5	50.4
12:10 AM - 12:15 AM	55.0	67.7	50.6
12:15 AM - 12:20 AM	52.9	65.9	50.5
12:20 AM - 12:25 AM	53.1	67.1	50.6

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Wilawan Borirak

Wilawan Borirak
Manager

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LIFE SCIENCES



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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651810-1

P/O :
Project Name : Nongyai
Project Location :

Page 2 of 3

Sample No. 2338637-1
Parameter Noise
Location โรงพนาจตุรทิศอุตสาหกรรมพาณิชย์ (N1) (Shut down)
Measurement Date Apr 29 - 30, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	58.6	68.9	49.7
12:30 AM - 12:35 AM	52.1	64.5	50.2
12:35 AM - 12:40 AM	51.2	60.2	50.1
12:40 AM - 12:45 AM	59.3	70.7	48.8
12:45 AM - 12:50 AM	56.5	66.7	50.2
12:50 AM - 12:55 AM	53.9	65.3	50.5
12:55 AM - 01:00 AM	57.5	67.1	50.0
01:00 AM - 01:05 AM	55.4	65.8	50.5
01:05 AM - 01:10 AM	57.4	68.4	50.6
01:10 AM - 01:15 AM	52.0	61.7	48.7
01:15 AM - 01:20 AM	52.4	61.1	50.5
01:20 AM - 01:25 AM	58.6	72.5	50.6
01:25 AM - 01:30 AM	52.2	61.5	49.4
01:30 AM - 01:35 AM	57.0	70.6	50.0
01:35 AM - 01:40 AM	52.3	62.2	50.3
01:40 AM - 01:45 AM	56.4	69.6	50.1
01:45 AM - 01:50 AM	57.5	68.9	50.1
01:50 AM - 01:55 AM	51.0	59.9	49.8
01:55 AM - 02:00 AM	61.2	74.5	49.3
02:00 AM - 02:05 AM	56.3	73.0	49.8
02:05 AM - 02:10 AM	56.2	68.1	50.1
02:10 AM - 02:15 AM	56.1	69.6	49.9
02:15 AM - 02:20 AM	60.7	73.0	49.8
02:20 AM - 02:25 AM	59.8	72.3	50.4
02:25 AM - 02:30 AM	50.1	56.8	48.9
02:30 AM - 02:35 AM	64.2	76.3	50.2
02:35 AM - 02:40 AM	61.1	74.5	50.3
02:40 AM - 02:45 AM	60.3	74.6	49.7
02:45 AM - 02:50 AM	60.8	74.1	49.3
02:50 AM - 02:55 AM	60.5	76.0	51.1
02:55 AM - 03:00 AM	61.1	71.5	50.0
03:00 AM - 03:05 AM	61.4	72.0	50.0
03:05 AM - 03:10 AM	56.0	67.2	50.0
03:10 AM - 03:15 AM	61.8	72.8	50.3
03:15 AM - 03:20 AM	60.0	72.7	49.0
03:20 AM - 03:25 AM	59.9	70.9	50.0
03:25 AM - 03:30 AM	57.8	71.9	50.7
03:30 AM - 03:35 AM	51.1	62.0	48.8
03:35 AM - 03:40 AM	52.1	61.2	49.2
03:40 AM - 03:45 AM	53.7	64.5	40.1

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Wilawan Borirak

Wilawan Borirak
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LIFE SCIENCES



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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651810-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. : 2338637-1
Parameter : Noise
Location : โรงงานผลิตชิ้นส่วนอากาศยานแห่งที่ 3 (N1) (Shut down)
Measurement Date : Apr 29 - 30, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472127

Page 3 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	53.2	65.1	39.9
03:50 AM - 03:55 AM	58.9	64.6	54.3
03:55 AM - 04:00 AM	58.1	65.1	41.9
04:00 AM - 04:05 AM	57.5	65.2	40.4
04:05 AM - 04:10 AM	57.6	65.2	40.1
04:10 AM - 04:15 AM	59.9	65.8	40.1
04:15 AM - 04:20 AM	62.5	66.4	60.0
04:20 AM - 04:25 AM	62.3	71.5	40.6
04:25 AM - 04:30 AM	61.1	66.6	41.4
04:30 AM - 04:35 AM	56.3	65.3	40.5
04:35 AM - 04:40 AM	54.3	66.1	39.6
04:40 AM - 04:45 AM	58.3	65.2	40.3
04:45 AM - 04:50 AM	58.0	66.2	40.3
04:50 AM - 04:55 AM	59.3	66.0	39.9
04:55 AM - 05:00 AM	57.7	65.7	40.6
05:00 AM - 05:05 AM	59.9	66.4	48.3
05:05 AM - 05:10 AM	55.4	66.3	48.4
05:10 AM - 05:15 AM	57.0	66.5	51.3
05:15 AM - 05:20 AM	57.1	65.5	51.7
05:20 AM - 05:25 AM	57.0	65.4	51.9
05:25 AM - 05:30 AM	59.2	65.0	53.2
05:30 AM - 05:35 AM	66.3	74.5	61.8
05:35 AM - 05:40 AM	64.5	72.3	60.5
05:40 AM - 05:45 AM	64.4	71.6	59.7
05:45 AM - 05:50 AM	68.9	69.8	58.7
05:50 AM - 05:55 AM	61.4	69.2	58.3
05:55 AM - 06:00 AM	60.5	74.9	59.4
06:00 AM - 06:05 AM	59.4	80.0	47.5
06:05 AM - 06:10 AM	55.7	85.9	47.8
06:10 AM - 06:15 AM	58.3	91.2	46.3
06:15 AM - 06:20 AM	59.5	85.8	45.1
06:20 AM - 06:25 AM	60.0	93.6	51.0

Reference Method :

- ISO 1996-1
- ประเทศไทยโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุด (โดยการแปรผลตามการรายงาน พ.ศ. 2553)

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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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651811-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. : 2338637-2
Parameter : Noise
Location : โรงงานผลิตชิ้นส่วนอากาศยานแห่งที่ 3 (N1) (Shut down)
Measurement Date : Apr 30 - May 01, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472127

Page 1 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.3	91.4	56.8
12:00 PM - 01:00 PM	60.7	94.6	53.1
01:00 PM - 02:00 PM	61.4	85.0	56.5
02:00 PM - 03:00 PM	57.5	79.2	54.0
03:00 PM - 04:00 PM	57.3	83.1	51.8
04:00 PM - 05:00 PM	53.2	78.5	50.3
05:00 PM - 06:00 PM	55.9	78.5	50.8
06:00 PM - 07:00 PM	59.4	76.8	53.7
07:00 PM - 08:00 PM	57.0	66.5	52.6
08:00 PM - 09:00 PM	55.8	80.9	52.7
09:00 PM - 10:00 PM	54.3	71.1	51.8
10:00 PM - 10:05 PM	55.2	72.6	49.8
10:05 PM - 10:10 PM	59.2	73.6	50.3
10:10 PM - 10:15 PM	58.4	72.5	49.9
10:15 PM - 10:20 PM	52.6	69.8	49.7
10:20 PM - 10:25 PM	57.0	72.5	49.5
10:25 PM - 10:30 PM	58.9	75.1	49.6
10:30 PM - 10:35 PM	62.5	75.7	49.9
10:35 PM - 10:40 PM	60.1	74.5	49.2
10:40 PM - 10:45 PM	58.9	74.0	49.3
10:45 PM - 10:50 PM	54.5	73.0	49.2
10:50 PM - 10:55 PM	61.7	75.8	49.1
10:55 PM - 11:00 PM	62.1	75.0	49.7
11:00 PM - 11:05 PM	58.8	74.5	50.0
11:05 PM - 11:10 PM	63.4	74.0	49.9
11:10 PM - 11:15 PM	59.3	73.0	49.8
11:15 PM - 11:20 PM	60.0	73.3	49.4
11:20 PM - 11:25 PM	60.6	73.4	49.4
11:25 PM - 11:30 PM	61.8	73.2	49.0
11:30 PM - 11:35 PM	52.3	68.4	48.9
11:35 PM - 11:40 PM	53.8	67.9	48.2
11:40 PM - 11:45 PM	52.6	66.3	49.2
11:45 PM - 11:50 PM	50.8	52.9	50.0
11:50 PM - 11:55 PM	50.3	60.0	49.4
11:55 PM - 12:00 AM	52.4	66.9	49.3
12:00 AM - 12:05 AM	53.1	66.9	49.5
12:05 AM - 12:10 AM	49.7	53.5	49.0
12:10 AM - 12:15 AM	50.1	52.7	49.3
12:15 AM - 12:20 AM	50.4	54.3	49.2
12:20 AM - 12:25 AM	50.4	56.8	49.3

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651811-1

Page 2 of 3

Sample No. : 2338637-2
Parameter : Noise
Location : โรงพนาสงเสริมอุตสาหกรรมด้านห้อง (N1) (Shut down)
Measurement Date : Apr 30 - May 01, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	50.5	55.2	49.3
12:30 AM - 12:35 AM	50.8	61.5	48.9
12:35 AM - 12:40 AM	49.6	56.3	48.9
12:40 AM - 12:45 AM	50.5	59.6	49.4
12:45 AM - 12:50 AM	50.5	56.7	49.4
12:50 AM - 12:55 AM	50.3	52.7	49.4
12:55 AM - 01:00 AM	50.8	52.2	49.5
01:00 AM - 01:05 AM	50.3	52.2	49.3
01:05 AM - 01:10 AM	50.6	67.3	49.3
01:10 AM - 01:15 AM	50.0	52.9	49.1
01:15 AM - 01:20 AM	50.8	52.2	50.0
01:20 AM - 01:25 AM	50.1	52.2	49.4
01:25 AM - 01:30 AM	50.2	56.4	49.4
01:30 AM - 01:35 AM	52.0	62.9	49.8
01:35 AM - 01:40 AM	50.6	52.2	49.6
01:40 AM - 01:45 AM	50.8	52.4	49.8
01:45 AM - 01:50 AM	50.3	54.2	49.2
01:50 AM - 01:55 AM	49.8	52.0	48.9
01:55 AM - 02:00 AM	49.6	58.8	48.8
02:00 AM - 02:05 AM	50.0	52.9	49.0
02:05 AM - 02:10 AM	50.9	53.3	50.3
02:10 AM - 02:15 AM	50.4	52.2	49.7
02:15 AM - 02:20 AM	50.3	52.2	49.7
02:20 AM - 02:25 AM	50.6	52.1	50.1
02:25 AM - 02:30 AM	50.4	52.5	49.6
02:30 AM - 02:35 AM	49.7	52.2	49.9
02:35 AM - 02:40 AM	50.0	51.7	49.0
02:40 AM - 02:45 AM	50.4	52.0	49.6
02:45 AM - 02:50 AM	50.2	51.9	49.4
02:50 AM - 02:55 AM	50.6	52.0	49.8
02:55 AM - 03:00 AM	50.7	52.1	50.0
03:00 AM - 03:05 AM	50.9	55.9	49.8
03:05 AM - 03:10 AM	51.3	52.4	50.6
03:10 AM - 03:15 AM	50.2	51.8	49.6
03:15 AM - 03:20 AM	50.4	53.2	49.2
03:20 AM - 03:25 AM	50.5	55.9	49.7
03:25 AM - 03:30 AM	50.2	51.6	49.2
03:30 AM - 03:35 AM	50.6	52.1	49.9
03:35 AM - 03:40 AM	50.0	51.4	49.3
03:40 AM - 03:45 AM	50.8	52.1	49.9

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Wilawan Borirak
Manager

Wilawan Borirak



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651811-1

Page 3 of 3

Sample No. : 2338637-2
Parameter : Noise
Location : โรงพนาสงเสริมอุตสาหกรรมด้านห้อง (N1) (Shut down)
Measurement Date : Apr 30 - May 01, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	50.9	52.2	50.3
03:50 AM - 03:55 AM	50.8	52.4	50.0
03:55 AM - 04:00 AM	50.7	52.0	50.0
04:00 AM - 04:05 AM	50.4	51.8	49.7
04:05 AM - 04:10 AM	50.4	57.5	49.7
04:10 AM - 04:15 AM	50.7	56.2	50.0
04:15 AM - 04:20 AM	50.5	53.1	49.7
04:20 AM - 04:25 AM	52.7	69.8	50.2
04:25 AM - 04:30 AM	53.7	70.8	49.7
04:30 AM - 04:35 AM	50.8	55.8	49.4
04:35 AM - 04:40 AM	52.3	52.3	49.4
04:40 AM - 04:45 AM	50.7	58.4	49.4
04:45 AM - 04:50 AM	51.0	56.1	49.9
04:50 AM - 04:55 AM	50.9	55.2	50.0
04:55 AM - 05:00 AM	56.4	71.3	49.8
05:00 AM - 05:05 AM	52.0	70.5	49.5
05:05 AM - 05:10 AM	55.7	72.6	49.9
05:10 AM - 05:15 AM	50.2	63.6	49.3
05:15 AM - 05:20 AM	51.3	73.9	50.0
05:20 AM - 05:25 AM	51.0	56.4	50.0
05:25 AM - 05:30 AM	55.3	71.6	50.0
05:30 AM - 05:35 AM	53.6	71.4	50.1
05:35 AM - 05:40 AM	54.9	71.4	49.8
05:40 AM - 05:45 AM	55.6	72.4	49.9
05:45 AM - 05:50 AM	57.7	74.6	49.8
05:50 AM - 05:55 AM	58.6	73.6	50.3
05:55 AM - 06:00 AM	57.7	77.2	50.2
06:00 AM - 07:00 AM	58.0	85.7	49.4
07:00 AM - 08:00 AM	55.3	81.6	49.0
08:00 AM - 09:00 AM	59.2	80.5	48.6
09:00 AM - 10:00 AM	56.6	73.8	48.7
10:00 AM - 11:00 AM	57.3	82.0	52.0

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดเสียงรบกวน รบกวนเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุด/ค่าการประเมินการรบกวน พ.ศ. 2553

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Wilawan Borirak
Manager

Wilawan Borirak



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651812-1

Page 1 of 3

Sample No. 2338637-3
Parameter Noise
Location โรงพ่นสารลงถังสีกาตามบ้านหน้าห้อง (N1) (Shut down)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	55.0	70.7	50.8
12:00 PM - 01:00 PM	54.5	69.3	49.6
01:00 PM - 02:00 PM	51.1	77.5	46.8
02:00 PM - 03:00 PM	50.0	86.1	45.5
03:00 PM - 04:00 PM	51.4	80.1	46.5
04:00 PM - 05:00 PM	54.5	86.2	47.4
05:00 PM - 06:00 PM	53.5	79.6	47.9
06:00 PM - 07:00 PM	51.3	73.2	47.2
07:00 PM - 08:00 PM	55.9	82.5	50.5
08:00 PM - 09:00 PM	54.3	67.6	49.9
09:00 PM - 10:00 PM	49.4	67.1	48.5
10:00 PM - 10:05 PM	49.6	62.3	48.2
10:05 PM - 10:10 PM	48.8	57.2	48.3
10:10 PM - 10:15 PM	49.1	58.0	48.4
10:15 PM - 10:20 PM	49.2	58.9	48.4
10:20 PM - 10:25 PM	48.5	53.3	48.1
10:25 PM - 10:30 PM	49.0	59.0	48.1
10:30 PM - 10:35 PM	48.9	59.6	47.7
10:35 PM - 10:40 PM	48.8	59.6	48.3
10:40 PM - 10:45 PM	48.3	53.5	48.0
10:45 PM - 10:50 PM	50.1	62.7	47.8
10:50 PM - 10:55 PM	52.4	65.4	47.6
10:55 PM - 11:00 PM	49.9	60.1	47.4
11:00 PM - 11:05 PM	52.1	52.1	47.3
11:05 PM - 11:10 PM	47.8	56.5	47.3
11:10 PM - 11:15 PM	47.8	54.5	47.3
11:15 PM - 11:20 PM	53.6	69.6	47.2
11:20 PM - 11:25 PM	50.5	62.4	47.7
11:25 PM - 11:30 PM	52.1	70.2	47.6
11:30 PM - 11:35 PM	50.8	69.3	47.8
11:35 PM - 11:40 PM	48.1	61.8	47.4
11:40 PM - 11:45 PM	51.1	68.1	47.0
11:45 PM - 11:50 PM	49.0	64.2	47.3
11:50 PM - 11:55 PM	53.6	70.1	47.4
11:55 PM - 12:00 AM	50.0	67.0	48.2
12:00 AM - 12:05 AM	52.4	70.5	47.4
12:05 AM - 12:10 AM	55.5	71.2	48.7
12:10 AM - 12:15 AM	49.4	64.1	48.4
12:15 AM - 12:20 AM	53.5	71.0	48.6
12:20 AM - 12:25 AM	49.7	58.2	49.1

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651812-1

Page 2 of 3

Sample No. 2338637-3
Parameter Noise
Location โรงพ่นสารลงถังสีกาตามบ้านหน้าห้อง (N1) (Shut down)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	55.0	72.3	49.8
12:30 AM - 12:35 AM	54.5	70.0	49.0
12:35 AM - 12:40 AM	60.1	71.9	48.5
12:40 AM - 12:45 AM	49.6	68.7	47.5
12:45 AM - 12:50 AM	50.3	69.2	47.5
12:50 AM - 12:55 AM	56.8	70.1	48.7
12:55 AM - 01:00 AM	49.0	57.9	48.3
01:00 AM - 01:05 AM	49.2	60.5	48.1
01:05 AM - 01:10 AM	48.6	59.3	48.1
01:10 AM - 01:15 AM	58.3	70.4	47.8
01:15 AM - 01:20 AM	51.8	65.4	48.6
01:20 AM - 01:25 AM	48.2	59.4	47.2
01:25 AM - 01:30 AM	50.3	68.5	47.4
01:30 AM - 01:35 AM	47.4	59.8	46.7
01:35 AM - 01:40 AM	57.2	70.4	47.3
01:40 AM - 01:45 AM	50.5	61.1	48.0
01:45 AM - 01:50 AM	57.9	73.0	47.4
01:50 AM - 01:55 AM	49.7	61.2	47.0
01:55 AM - 02:00 AM	49.7	64.9	46.9
02:00 AM - 02:05 AM	47.3	59.4	46.8
02:05 AM - 02:10 AM	57.3	71.4	47.3
02:10 AM - 02:15 AM	49.6	66.1	46.9
02:15 AM - 02:20 AM	47.6	61.1	46.7
02:20 AM - 02:25 AM	47.9	59.7	47.1
02:25 AM - 02:30 AM	58.9	72.5	47.6
02:30 AM - 02:35 AM	48.4	61.3	47.5
02:35 AM - 02:40 AM	48.6	63.1	47.6
02:40 AM - 02:45 AM	47.9	60.7	47.0
02:45 AM - 02:50 AM	47.2	57.1	46.9
02:50 AM - 02:55 AM	56.8	72.3	46.9
02:55 AM - 03:00 AM	47.7	57.3	47.2
03:00 AM - 03:05 AM	47.6	49.2	47.2
03:05 AM - 03:10 AM	49.4	62.8	47.1
03:10 AM - 03:15 AM	47.5	60.6	47.0
03:15 AM - 03:20 AM	57.1	71.7	46.9
03:20 AM - 03:25 AM	48.3	50.6	47.6
03:25 AM - 03:30 AM	52.0	72.3	47.0
03:30 AM - 03:35 AM	61.1	72.6	46.9
03:35 AM - 03:40 AM	57.2	71.3	46.9
03:40 AM - 03:45 AM	47.3	55.0	46.9

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651812-1

Page 3 of 3

Sample No. 2338637-3
Parameter Noise
Location โรงงานผลิตเส้นสุญญากาศบ้านวังสูง (N1) (Shut down)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	47.3	56.7	46.9
03:50 AM - 03:55 AM	48.3	55.9	47.0
03:55 AM - 04:00 AM	59.4	72.9	47.1
04:00 AM - 04:05 AM	59.9	74.2	47.1
04:05 AM - 04:10 AM	60.4	74.5	46.9
04:10 AM - 04:15 AM	49.1	68.5	47.2
04:15 AM - 04:20 AM	60.6	74.5	46.9
04:20 AM - 04:25 AM	53.6	70.7	46.8
04:25 AM - 04:30 AM	52.9	70.2	46.9
04:30 AM - 04:35 AM	48.3	55.3	47.1
04:35 AM - 04:40 AM	55.1	70.0	47.3
04:40 AM - 04:45 AM	48.6	65.6	47.1
04:45 AM - 04:50 AM	60.4	73.8	46.6
04:50 AM - 04:55 AM	48.9	68.7	47.0
04:55 AM - 05:00 AM	59.2	73.0	47.2
05:00 AM - 05:05 AM	60.0	72.6	47.3
05:05 AM - 05:10 AM	49.6	67.9	47.4
05:10 AM - 05:15 AM	56.7	72.3	47.8
05:15 AM - 05:20 AM	52.2	69.7	47.5
05:20 AM - 05:25 AM	56.3	74.1	48.2
05:25 AM - 05:30 AM	61.7	73.9	48.1
05:30 AM - 05:35 AM	60.1	73.1	48.2
05:35 AM - 05:40 AM	52.7	70.7	46.8
05:40 AM - 05:45 AM	51.8	68.6	47.8
05:45 AM - 05:50 AM	54.7	70.7	48.9
05:50 AM - 05:55 AM	59.1	79.4	48.5
05:55 AM - 06:00 AM	57.9	72.9	48.6
06:00 AM - 07:00 AM	56.4	90.9	47.7
07:00 AM - 08:00 AM	56.4	79.0	47.1
08:00 AM - 09:00 AM	54.9	84.0	45.7
09:00 AM - 10:00 AM	48.0	67.7	44.6
10:00 AM - 11:00 AM	50.1	70.3	45.6

Reference Method :

- ISO 1996-1
- ประกาศกระทรวงอุตสาหกรรม เรื่อง วิธีการวัดและวิธีทดสอบระดับเสียงตามระบบเสียงต่อเนื่อง 24 ชั่วโมง และระบบเสียงต่อเนื่องที่เกิดจากกระบวนการอุตสาหกรรม พ.ศ. 2553

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Approved by

Wilawan Borirak
Manager

Wilawan Borirak

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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651813-1

Page 1 of 3

Sample No. 2338637-4
Parameter Noise
Location โรงงานผลิตเส้นสุญญากาศบ้านวังสูง (N1) (Shut down)
Measurement Date May 02 - 03, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	55.1	82.3	49.1
12:00 PM - 01:00 PM	54.8	77.1	51.0
01:00 PM - 02:00 PM	56.1	72.6	51.1
02:00 PM - 03:00 PM	56.9	73.4	53.3
03:00 PM - 04:00 PM	56.9	75.7	52.7
04:00 PM - 05:00 PM	59.0	78.8	54.6
05:00 PM - 06:00 PM	58.3	78.3	54.0
06:00 PM - 07:00 PM	55.1	82.7	48.0
07:00 PM - 08:00 PM	51.0	72.7	48.2
08:00 PM - 09:00 PM	49.4	74.0	48.2
09:00 PM - 10:00 PM	49.4	74.0	48.1
10:00 PM - 10:05 PM	48.5	55.6	47.8
10:05 PM - 10:10 PM	48.3	50.7	47.8
10:10 PM - 10:15 PM	48.0	53.0	47.6
10:15 PM - 10:20 PM	47.8	49.6	47.4
10:20 PM - 10:25 PM	48.0	55.8	47.6
10:25 PM - 10:30 PM	47.8	50.8	47.4
10:30 PM - 10:35 PM	48.4	57.6	47.8
10:35 PM - 10:40 PM	48.6	56.0	48.1
10:40 PM - 10:45 PM	48.4	57.0	47.8
10:45 PM - 10:50 PM	48.4	51.8	47.8
10:50 PM - 10:55 PM	49.3	61.2	48.0
10:55 PM - 11:00 PM	48.4	56.4	47.9
11:00 PM - 11:05 PM	48.0	50.7	47.7
11:05 PM - 11:10 PM	48.2	49.4	47.8
11:10 PM - 11:15 PM	48.9	60.4	47.8
11:15 PM - 11:20 PM	49.0	62.9	47.8
11:20 PM - 11:25 PM	50.0	66.3	48.1
11:25 PM - 11:30 PM	48.1	52.3	47.7
11:30 PM - 11:35 PM	48.2	55.0	47.6
11:35 PM - 11:40 PM	48.0	49.4	47.6
11:40 PM - 11:45 PM	49.3	50.2	47.7
11:45 PM - 11:50 PM	48.5	58.5	47.7
11:50 PM - 11:55 PM	48.5	64.8	47.3
11:55 PM - 12:00 AM	50.3	64.9	47.4
12:00 AM - 12:05 AM	47.9	49.2	47.5
12:05 AM - 12:10 AM	47.9	58.7	47.3
12:10 AM - 12:15 AM	47.7	52.0	47.3
12:15 AM - 12:20 AM	48.5	57.7	47.8
12:20 AM - 12:25 AM	49.2	63.1	47.8

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Life Sciences

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RIGHT SOLUTIONS RIGHT PARTNER



TESTING
No.0042

Analysis / Test Report

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

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651813-1

P/O :
Project Name : Nongyai
Project Location :

Page 3 of 3

Sample No. 2338637-4

Parameter Noise

Location โรงพนาถสงเสริมสุขภาพผ่านห้างส่ง (N1) (Shut down)

Measurement Date May 02 - 03, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	47.8	51.8	47.4
03:50 AM - 03:55 AM	48.3	50.3	47.7
03:55 AM - 04:00 AM	49.4	52.5	48.4
04:00 AM - 04:05 AM	48.2	50.4	47.7
04:05 AM - 04:10 AM	48.2	50.8	47.6
04:10 AM - 04:15 AM	48.0	49.2	47.6
04:15 AM - 04:20 AM	47.8	49.3	47.4
04:20 AM - 04:25 AM	47.8	49.1	47.5
04:25 AM - 04:30 AM	49.2	50.7	48.0
04:30 AM - 04:35 AM	47.6	50.0	47.2
04:35 AM - 04:40 AM	48.6	57.9	47.5
04:40 AM - 04:45 AM	54.3	70.0	47.2
04:45 AM - 04:50 AM	50.2	68.8	47.2
04:50 AM - 04:55 AM	48.6	58.6	47.3
04:55 AM - 05:00 AM	48.6	52.0	47.8
05:00 AM - 05:05 AM	48.7	62.5	47.8
05:05 AM - 05:10 AM	49.5	63.2	48.4
05:10 AM - 05:15 AM	49.1	57.4	48.3
05:15 AM - 05:20 AM	49.5	55.6	48.8
05:20 AM - 05:25 AM	52.7	69.2	48.6
05:25 AM - 05:30 AM	53.6	69.8	48.6
05:30 AM - 05:35 AM	55.0	70.8	48.7
05:35 AM - 05:40 AM	52.6	69.4	49.1
05:40 AM - 05:45 AM	55.5	70.8	49.5
05:45 AM - 05:50 AM	58.1	71.6	50.3
05:50 AM - 05:55 AM	58.2	76.3	50.4
05:55 AM - 06:00 AM	56.7	84.7	34.2
06:00 AM - 07:00 AM	57.6	84.3	48.6
07:00 AM - 08:00 AM	55.7	77.0	49.5
08:00 AM - 09:00 AM	56.3	79.7	46.6
09:00 AM - 10:00 AM	48.3	70.0	45.3
10:00 AM - 11:00 AM	54.1	80.3	44.3

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดสิ่งแวดล้อมตาม ระดับเสียงเดิม 24 ชั่วโมง และระดับเสียงสูงสุด(โดยการประมาณการจากงาน พ.ศ. 2553

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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

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651813-1

P/O :
Project Name : Nongyai
Project Location :

Page 2 of 3

Sample No. 2338637-4

Parameter Noise

Location โรงพนาถสงเสริมสุขภาพผ่านห้างส่ง (N1) (Shut down)

Measurement Date May 02 - 03, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	47.9	54.0	47.4
12:30 AM - 12:35 AM	48.4	56.1	47.7
12:35 AM - 12:40 AM	48.9	63.0	47.6
12:40 AM - 12:45 AM	47.9	48.8	47.6
12:45 AM - 12:50 AM	48.1	52.8	47.6
12:50 AM - 12:55 AM	48.3	56.4	47.8
12:55 AM - 01:00 AM	48.1	49.1	47.8
01:00 AM - 01:05 AM	48.2	49.1	47.8
01:05 AM - 01:10 AM	48.1	49.4	47.8
01:10 AM - 01:15 AM	47.9	51.1	47.6
01:15 AM - 01:20 AM	47.7	49.7	47.4
01:20 AM - 01:25 AM	48.1	53.3	47.6
01:25 AM - 01:30 AM	48.1	52.8	47.7
01:30 AM - 01:35 AM	47.9	54.6	47.6
01:35 AM - 01:40 AM	47.8	51.1	47.4
01:40 AM - 01:45 AM	47.8	49.0	47.3
01:45 AM - 01:50 AM	48.0	50.1	47.3
01:50 AM - 01:55 AM	48.1	50.7	47.5
01:55 AM - 02:00 AM	47.7	50.9	47.3
02:00 AM - 02:05 AM	47.4	50.6	46.9
02:05 AM - 02:10 AM	48.0	58.4	47.0
02:10 AM - 02:15 AM	47.4	52.6	46.9
02:15 AM - 02:20 AM	47.3	53.5	46.9
02:20 AM - 02:25 AM	47.4	48.8	46.9
02:25 AM - 02:30 AM	47.6	49.3	47.0
02:30 AM - 02:35 AM	47.1	48.3	46.8
02:35 AM - 02:40 AM	47.3	49.3	46.8
02:40 AM - 02:45 AM	47.8	54.0	46.9
02:45 AM - 02:50 AM	47.8	49.5	47.1
02:50 AM - 02:55 AM	47.3	50.7	46.9
02:55 AM - 03:00 AM	47.8	52.7	47.0
03:00 AM - 03:05 AM	47.6	49.3	47.0
03:05 AM - 03:10 AM	49.2	51.4	48.5
03:10 AM - 03:15 AM	49.0	57.8	47.3
03:15 AM - 03:20 AM	48.2	56.1	47.8
03:20 AM - 03:25 AM	48.3	66.3	47.3
03:25 AM - 03:30 AM	54.0	70.3	47.8
03:30 AM - 03:35 AM	48.2	49.9	47.6
03:35 AM - 03:40 AM	48.4	50.2	47.8
03:40 AM - 03:45 AM	48.2	49.8	47.7

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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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651814-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. 2338637-5

Parameter Noise
Location โรงพ่นสารลงถังสีกากีตามบ้านท่านง (N1) (Shut down)
Measurement Date May 03 - 04, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.3	79.3	55.9
12:00 PM - 01:00 PM	57.0	83.3	50.1
01:00 PM - 02:00 PM	59.8	84.3	51.3
02:00 PM - 03:00 PM	60.0	92.0	53.7
03:00 PM - 04:00 PM	56.5	69.3	50.0
04:00 PM - 05:00 PM	72.1	72.1	46.9
05:00 PM - 06:00 PM	52.1	74.3	47.9
06:00 PM - 07:00 PM	51.9	77.2	46.5
07:00 PM - 08:00 PM	51.2	66.6	49.7
08:00 PM - 09:00 PM	51.8	77.1	50.4
09:00 PM - 10:00 PM	51.4	71.9	50.1
10:00 PM - 10:05 PM	49.1	54.0	48.7
10:05 PM - 10:10 PM	49.2	54.7	48.5
10:10 PM - 10:15 PM	49.3	50.4	48.8
10:15 PM - 10:20 PM	49.2	50.3	48.8
10:20 PM - 10:25 PM	49.8	61.5	48.8
10:25 PM - 10:30 PM	50.8	57.5	48.9
10:30 PM - 10:35 PM	50.8	67.1	48.7
10:35 PM - 10:40 PM	49.1	51.2	48.6
10:40 PM - 10:45 PM	48.8	51.6	48.2
10:45 PM - 10:50 PM	49.1	51.2	48.6
10:50 PM - 10:55 PM	48.8	50.9	48.1
10:55 PM - 11:00 PM	48.5	50.0	48.1
11:00 PM - 11:05 PM	48.1	51.2	48.1
11:05 PM - 11:10 PM	49.3	51.5	48.4
11:10 PM - 11:15 PM	48.8	50.0	48.2
11:15 PM - 11:20 PM	48.6	57.4	48.0
11:20 PM - 11:25 PM	49.0	56.5	48.1
11:25 PM - 11:30 PM	49.2	51.0	48.8
11:30 PM - 11:35 PM	49.2	52.1	48.7
11:35 PM - 11:40 PM	48.9	50.1	48.5
11:40 PM - 11:45 PM	48.9	56.8	48.4
11:45 PM - 11:50 PM	49.2	51.8	48.5
11:50 PM - 11:55 PM	48.8	50.6	48.3
11:55 PM - 12:00 AM	48.8	51.0	48.4
12:00 AM - 12:05 AM	48.9	51.8	48.4
12:05 AM - 12:10 AM	48.1	49.3	47.8
12:10 AM - 12:15 AM	47.6	48.8	47.1
12:15 AM - 12:20 AM	47.8	49.1	47.3
12:20 AM - 12:25 AM	48.6	62.0	47.3

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



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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651814-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. 2338637-5

Parameter Noise
Location โรงพ่นสารลงถังสีกากีตามบ้านท่านง (N1) (Shut down)
Measurement Date May 03 - 04, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	47.6	54.2	47.2
12:30 AM - 12:35 AM	47.5	49.1	47.1
12:35 AM - 12:40 AM	47.8	49.5	47.4
12:40 AM - 12:45 AM	47.6	49.3	47.3
12:45 AM - 12:50 AM	47.6	51.7	47.2
12:50 AM - 12:55 AM	47.6	51.9	47.3
12:55 AM - 01:00 AM	47.8	52.5	47.3
01:00 AM - 01:05 AM	47.4	61.0	47.0
01:05 AM - 01:10 AM	47.6	59.4	47.1
01:10 AM - 01:15 AM	47.9	56.8	47.1
01:15 AM - 01:20 AM	47.2	48.2	46.9
01:20 AM - 01:25 AM	47.5	57.8	47.0
01:25 AM - 01:30 AM	47.8	57.6	46.9
01:30 AM - 01:35 AM	48.1	58.0	47.0
01:35 AM - 01:40 AM	47.8	53.0	47.0
01:40 AM - 01:45 AM	47.5	52.9	46.6
01:45 AM - 01:50 AM	47.3	52.5	46.6
01:50 AM - 01:55 AM	48.8	57.8	47.5
01:55 AM - 02:00 AM	47.6	58.1	46.8
02:00 AM - 02:05 AM	47.4	50.0	46.8
02:05 AM - 02:10 AM	47.2	48.5	46.8
02:10 AM - 02:15 AM	47.2	48.4	46.8
02:15 AM - 02:20 AM	47.0	48.1	46.5
02:20 AM - 02:25 AM	47.0	48.3	46.6
02:25 AM - 02:30 AM	47.1	48.8	46.7
02:30 AM - 02:35 AM	47.3	51.3	46.8
02:35 AM - 02:40 AM	47.4	48.9	46.9
02:40 AM - 02:45 AM	47.5	49.6	47.0
02:45 AM - 02:50 AM	47.4	50.7	47.0
02:50 AM - 02:55 AM	47.7	54.5	47.1
02:55 AM - 03:00 AM	48.5	60.5	47.1
03:00 AM - 03:05 AM	48.1	57.7	47.1
03:05 AM - 03:10 AM	47.9	48.9	47.3
03:10 AM - 03:15 AM	48.1	50.0	47.3
03:15 AM - 03:20 AM	48.5	50.4	47.7
03:20 AM - 03:25 AM	48.0	50.4	47.2
03:25 AM - 03:30 AM	47.7	49.4	47.1
03:30 AM - 03:35 AM	48.1	50.3	47.3
03:35 AM - 03:40 AM	48.5	50.5	47.5
03:40 AM - 03:45 AM	49.9	68.6	47.2

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651814-1

Page 3 of 3

Sample No. 2338637-5

Parameter Noise

Location โรงงานผลิตเส้นสุญญากาศบ้านบางพลี (N1) (Shut down)

Measurement Date May 03 - 04, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	51.3	69.0	47.3
03:50 AM - 03:55 AM	48.0	49.2	47.3
03:55 AM - 04:00 AM	47.8	49.2	47.2
04:00 AM - 04:05 AM	48.0	49.9	47.3
04:05 AM - 04:10 AM	47.5	48.6	47.2
04:10 AM - 04:15 AM	47.6	48.9	47.2
04:15 AM - 04:20 AM	47.5	48.9	47.1
04:20 AM - 04:25 AM	51.6	70.5	47.2
04:25 AM - 04:30 AM	50.0	68.7	47.2
04:30 AM - 04:35 AM	48.1	53.9	47.4
04:35 AM - 04:40 AM	47.3	53.8	46.8
04:40 AM - 04:45 AM	48.6	56.6	47.4
04:45 AM - 04:50 AM	48.4	57.9	47.5
04:50 AM - 04:55 AM	47.6	49.2	47.0
04:55 AM - 05:00 AM	53.0	68.9	47.3
05:00 AM - 05:05 AM	50.4	68.7	47.6
05:05 AM - 05:10 AM	51.6	69.1	47.6
05:10 AM - 05:15 AM	52.0	69.2	47.7
05:15 AM - 05:20 AM	51.4	68.5	47.8
05:20 AM - 05:25 AM	52.3	70.5	47.6
05:25 AM - 05:30 AM	54.1	71.9	47.5
05:30 AM - 05:35 AM	53.9	71.5	47.5
05:35 AM - 05:40 AM	52.6	69.9	47.5
05:40 AM - 05:45 AM	54.3	71.4	47.8
05:45 AM - 05:50 AM	57.2	71.4	48.3
05:50 AM - 05:55 AM	62.2	89.4	48.2
05:55 AM - 06:00 AM	66.0	87.9	47.2
06:00 AM - 07:00 AM	56.9	89.1	47.3
07:00 AM - 08:00 AM	57.8	82.4	51.4
08:00 AM - 09:00 AM	55.9	83.7	50.4
09:00 AM - 10:00 AM	56.9	78.4	50.4
10:00 AM - 11:00 AM	55.2	75.7	50.0

Reference Method :

- ISO 1996-1
- ประกาศกระทรวงอุตสาหกรรม เรื่อง วิธีการวัดระดับเสียงและเกณฑ์การประเมินผลกระทบทางเสียง พ.ศ. 2553

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Approved by

Wiwawan Borirak
Manager

Wib.

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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651815-1

Page 1 of 3

Sample No. 2338637-6

Parameter Noise

Location โรงงานผลิตเส้นสุญญากาศบ้านบางพลี (N1) (Shut down)

Measurement Date May 04 - 05, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.0	70.2	44.5
12:00 PM - 01:00 PM	50.1	74.7	44.5
01:00 PM - 02:00 PM	49.0	71.8	45.1
02:00 PM - 03:00 PM	51.0	76.5	45.5
03:00 PM - 04:00 PM	50.5	70.6	44.9
04:00 PM - 05:00 PM	48.7	72.3	44.5
05:00 PM - 06:00 PM	50.1	73.5	44.7
06:00 PM - 07:00 PM	52.0	74.1	45.6
07:00 PM - 08:00 PM	49.5	75.2	47.3
08:00 PM - 09:00 PM	47.9	60.5	47.0
09:00 PM - 10:00 PM	48.0	62.6	47.1
10:00 PM - 10:05 PM	48.1	53.6	47.5
10:05 PM - 10:10 PM	47.9	50.8	47.5
10:10 PM - 10:15 PM	47.9	51.9	47.5
10:15 PM - 10:20 PM	47.5	48.7	47.1
10:20 PM - 10:25 PM	48.9	64.7	47.3
10:25 PM - 10:30 PM	51.0	70.9	46.9
10:30 PM - 10:35 PM	47.6	49.8	47.2
10:35 PM - 10:40 PM	48.2	58.3	47.1
10:40 PM - 10:45 PM	48.4	61.4	47.4
10:45 PM - 10:50 PM	48.3	59.8	47.4
10:50 PM - 10:55 PM	47.6	50.9	47.0
10:55 PM - 11:00 PM	47.2	49.4	46.7
11:00 PM - 11:05 PM	46.3	50.5	45.5
11:05 PM - 11:10 PM	45.9	47.8	45.4
11:10 PM - 11:15 PM	46.1	47.6	45.6
11:15 PM - 11:20 PM	46.6	49.0	45.8
11:20 PM - 11:25 PM	47.5	58.1	45.9
11:25 PM - 11:30 PM	46.7	48.3	45.7
11:30 PM - 11:35 PM	51.5	69.9	46.2
11:35 PM - 11:40 PM	47.1	50.1	45.9
11:40 PM - 11:45 PM	49.3	55.8	46.3
11:45 PM - 11:50 PM	48.5	51.6	46.3
11:50 PM - 11:55 PM	48.5	49.9	46.0
11:55 PM - 12:00 AM	48.5	49.7	46.0
12:00 AM - 12:05 AM	48.9	52.5	48.3
12:05 AM - 12:10 AM	49.7	65.6	48.3
12:10 AM - 12:15 AM	51.7	71.2	48.4
12:15 AM - 12:20 AM	49.1	60.8	48.1
12:20 AM - 12:25 AM	48.2	50.8	47.5

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TESTING
No.0042

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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651815-1

Page 2 of 3

Sample No. 2338637-6
Parameter Noise
Location โรงพนาสงเสริมสุขภาพผ่านห้างสูง (N1) (Shut down)
Measurement Date May 04 - 05, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	48.4	50.0	47.8
12:30 AM - 12:35 AM	48.5	54.8	47.6
12:35 AM - 12:40 AM	49.0	51.1	47.8
12:40 AM - 12:45 AM	48.3	49.7	47.8
12:45 AM - 12:50 AM	48.2	50.2	47.8
12:50 AM - 12:55 AM	48.2	49.5	47.7
12:55 AM - 01:00 AM	48.1	49.8	47.6
01:00 AM - 01:05 AM	47.4	56.3	46.7
01:05 AM - 01:10 AM	47.0	48.3	46.7
01:10 AM - 01:15 AM	47.5	53.5	47.0
01:15 AM - 01:20 AM	47.5	49.1	47.0
01:20 AM - 01:25 AM	48.4	49.9	47.9
01:25 AM - 01:30 AM	48.2	49.8	47.7
01:30 AM - 01:35 AM	48.4	50.6	47.6
01:35 AM - 01:40 AM	47.7	50.0	47.2
01:40 AM - 01:45 AM	48.5	51.3	47.5
01:45 AM - 01:50 AM	48.6	50.6	47.6
01:50 AM - 01:55 AM	47.7	49.3	47.2
01:55 AM - 02:00 AM	48.1	51.9	47.4
02:00 AM - 02:05 AM	48.2	51.4	47.2
02:05 AM - 02:10 AM	47.8	50.7	46.9
02:10 AM - 02:15 AM	47.6	49.1	47.1
02:15 AM - 02:20 AM	47.7	50.1	47.2
02:20 AM - 02:25 AM	48.0	53.2	47.2
02:25 AM - 02:30 AM	47.8	49.8	47.8
02:30 AM - 02:35 AM	47.7	49.5	46.6
02:35 AM - 02:40 AM	48.6	50.4	47.0
02:40 AM - 02:45 AM	48.1	49.8	47.2
02:45 AM - 02:50 AM	48.9	56.0	47.5
02:50 AM - 02:55 AM	47.5	55.0	47.5
02:55 AM - 03:00 AM	47.8	49.7	47.1
03:00 AM - 03:05 AM	48.3	51.9	47.1
03:05 AM - 03:10 AM	49.1	57.2	47.5
03:10 AM - 03:15 AM	48.2	57.3	47.4
03:15 AM - 03:20 AM	48.0	54.8	47.3
03:20 AM - 03:25 AM	49.1	55.0	47.3
03:25 AM - 03:30 AM	49.2	61.6	47.1
03:30 AM - 03:35 AM	48.3	58.9	46.1
03:35 AM - 03:40 AM	48.4	54.1	46.7
03:40 AM - 03:45 AM	48.2	57.6	45.7

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651815-1

Page 3 of 3

Sample No. 2338637-6
Parameter Noise
Location โรงพนาสงเสริมสุขภาพผ่านห้างสูง (N1) (Shut down)
Measurement Date May 04 - 05, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	47.3	58.4	45.8
03:50 AM - 03:55 AM	47.5	52.4	46.2
03:55 AM - 04:00 AM	47.3	50.7	46.5
04:00 AM - 04:05 AM	48.0	54.2	46.4
04:05 AM - 04:10 AM	48.7	55.3	46.7
04:10 AM - 04:15 AM	48.7	50.9	47.3
04:15 AM - 04:20 AM	53.2	70.2	46.1
04:20 AM - 04:25 AM	51.9	70.1	45.7
04:25 AM - 04:30 AM	46.3	48.0	45.6
04:30 AM - 04:35 AM	46.1	49.3	45.6
04:35 AM - 04:40 AM	47.5	63.4	45.6
04:40 AM - 04:45 AM	53.3	70.2	47.8
04:45 AM - 04:50 AM	53.6	71.0	45.9
04:50 AM - 04:55 AM	51.3	69.9	45.3
04:55 AM - 05:00 AM	52.7	71.7	46.2
05:00 AM - 05:05 AM	55.1	73.5	45.9
05:05 AM - 05:10 AM	52.8	72.2	45.9
05:10 AM - 05:15 AM	53.0	71.2	46.5
05:15 AM - 05:20 AM	54.0	73.4	46.4
05:20 AM - 05:25 AM	50.4	72.1	45.9
05:25 AM - 05:30 AM	46.9	51.6	46.0
05:30 AM - 05:35 AM	48.5	57.8	46.2
05:35 AM - 05:40 AM	54.8	75.9	46.0
05:40 AM - 05:45 AM	59.4	77.8	46.6
05:45 AM - 05:50 AM	58.5	75.1	47.2
05:50 AM - 05:55 AM	57.2	75.3	47.4
05:55 AM - 06:00 AM	59.4	79.6	46.6
06:00 AM - 07:00 AM	56.1	84.5	46.7
07:00 AM - 08:00 AM	57.0	79.4	46.5
08:00 AM - 09:00 AM	55.0	79.0	45.9
09:00 AM - 10:00 AM	50.1	72.7	45.1
10:00 AM - 11:00 AM	49.4	74.1	46.5

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดเสียงรบกวน รอบสิ่งแวดล้อม 24 ชั่วโมง และขั้นตอนการสุ่มตัวอย่างเสียงจากปรากฏการณ์การจราจร พ.ศ. 2553

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651816-1

Page 1 of 3

Sample No. 2338637-7
Parameter Noise
Location โรงพืชมาราส่งเสียงอุตสาหกรรมด้านหน้าห้อง (N1) (Shut down)
Measurement Date May 05 - 06, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.4	82.0	46.0
12:00 PM - 01:00 PM	48.5	66.3	45.0
01:00 PM - 02:00 PM	54.4	83.6	45.1
02:00 PM - 03:00 PM	55.1	75.6	46.6
03:00 PM - 04:00 PM	51.3	69.4	46.7
04:00 PM - 05:00 PM	55.9	72.4	52.0
05:00 PM - 06:00 PM	54.3	88.0	48.9
06:00 PM - 07:00 PM	53.6	86.5	45.7
07:00 PM - 08:00 PM	49.0	71.6	47.2
08:00 PM - 09:00 PM	48.6	63.8	47.7
09:00 PM - 10:00 PM	48.7	64.4	47.8
10:00 PM - 10:05 PM	48.1	49.3	47.8
10:05 PM - 10:10 PM	48.4	52.6	48.0
10:10 PM - 10:15 PM	49.4	61.9	47.8
10:15 PM - 10:20 PM	48.7	59.0	48.0
10:20 PM - 10:25 PM	48.7	55.5	47.9
10:25 PM - 10:30 PM	49.2	64.2	48.0
10:30 PM - 10:35 PM	48.8	50.6	48.2
10:35 PM - 10:40 PM	47.9	53.6	47.9
10:40 PM - 10:45 PM	49.4	54.5	48.2
10:45 PM - 10:50 PM	49.4	61.0	47.9
10:50 PM - 10:55 PM	48.3	50.4	47.7
10:55 PM - 11:00 PM	48.4	50.3	47.7
11:00 PM - 11:05 PM	48.3	53.7	47.6
11:05 PM - 11:10 PM	49.2	64.2	47.5
11:10 PM - 11:15 PM	48.1	50.6	47.4
11:15 PM - 11:20 PM	50.6	68.0	47.4
11:20 PM - 11:25 PM	48.4	56.9	47.6
11:25 PM - 11:30 PM	47.9	49.4	47.4
11:30 PM - 11:35 PM	47.8	49.9	47.3
11:35 PM - 11:40 PM	48.3	50.5	47.4
11:40 PM - 11:45 PM	47.7	49.5	47.3
11:45 PM - 11:50 PM	48.0	54.8	47.3
11:50 PM - 11:55 PM	48.2	51.6	47.5
11:55 PM - 12:00 AM	48.2	51.6	47.6
12:00 AM - 12:05 AM	47.6	52.0	47.6
12:05 AM - 12:10 AM	48.8	59.4	47.5
12:10 AM - 12:15 AM	47.7	50.4	47.1
12:15 AM - 12:20 AM	47.6	49.4	47.2
12:20 AM - 12:25 AM	48.0	50.6	47.1

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651816-1

Page 2 of 3

Sample No. 2338637-7
Parameter Noise
Location โรงพืชมาราส่งเสียงอุตสาหกรรมด้านหน้าห้อง (N1) (Shut down)
Measurement Date May 05 - 06, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:25 AM - 12:30 AM	47.8	50.2	47.2
12:30 AM - 12:35 AM	49.4	64.6	47.2
12:35 AM - 12:40 AM	48.4	51.2	47.6
12:40 AM - 12:45 AM	49.4	65.2	47.6
12:45 AM - 12:50 AM	47.9	50.0	47.5
12:50 AM - 12:55 AM	48.0	49.7	47.6
12:55 AM - 01:00 AM	47.9	50.3	47.5
01:00 AM - 01:05 AM	48.1	55.3	47.6
01:05 AM - 01:10 AM	48.6	65.7	47.5
01:10 AM - 01:15 AM	48.0	50.3	47.5
01:15 AM - 01:20 AM	47.7	49.0	47.3
01:20 AM - 01:25 AM	47.9	49.1	47.4
01:25 AM - 01:30 AM	48.0	49.5	47.5
01:30 AM - 01:35 AM	48.3	51.1	47.7
01:35 AM - 01:40 AM	48.5	51.2	47.8
01:40 AM - 01:45 AM	47.9	50.7	47.5
01:45 AM - 01:50 AM	48.9	59.8	47.8
01:50 AM - 01:55 AM	50.3	62.1	47.8
01:55 AM - 02:00 AM	49.5	62.0	47.9
02:00 AM - 02:05 AM	48.2	49.7	47.9
02:05 AM - 02:10 AM	48.5	50.9	47.9
02:10 AM - 02:15 AM	48.4	50.9	47.9
02:15 AM - 02:20 AM	48.3	50.3	47.9
02:20 AM - 02:25 AM	50.1	63.0	48.2
02:25 AM - 02:30 AM	49.5	63.7	48.0
02:30 AM - 02:35 AM	48.6	50.9	48.1
02:35 AM - 02:40 AM	48.2	51.6	47.8
02:40 AM - 02:45 AM	48.1	50.2	47.7
02:45 AM - 02:50 AM	48.0	50.5	47.6
02:50 AM - 02:55 AM	49.7	62.9	47.9
02:55 AM - 03:00 AM	48.3	52.6	47.8
03:00 AM - 03:05 AM	48.0	55.1	47.5
03:05 AM - 03:10 AM	52.0	68.7	47.5
03:10 AM - 03:15 AM	48.2	59.0	47.6
03:15 AM - 03:20 AM	48.0	51.6	47.6
03:20 AM - 03:25 AM	47.8	49.6	47.5
03:25 AM - 03:30 AM	47.8	48.6	47.5
03:30 AM - 03:35 AM	48.3	51.9	47.6
03:35 AM - 03:40 AM	47.6	49.2	47.2
03:40 AM - 03:45 AM	48.1	50.1	47.6

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



TESTING
No.0042

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651816-1

Page 3 of 3



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 : Nongyai
Project Location :

Sample No.
2338637-7

Parameter
Noise

Location
โรงงานอุตสาหกรรมย่านบางนาทางด่วน (N1) (Shut down)

Measurement Date
May 05 - 06, 2023

Measurement by
Panuwat Wangbong

Sound Level Meter
00472127

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:45 AM - 03:50 AM	48.1	51.7	47.3
03:50 AM - 03:55 AM	48.2	52.7	47.1
03:55 AM - 04:00 AM	49.8	53.7	47.8
04:00 AM - 04:05 AM	48.3	58.0	47.1
04:05 AM - 04:10 AM	47.9	49.5	47.1
04:10 AM - 04:15 AM	48.5	53.7	47.5
04:15 AM - 04:20 AM	53.1	68.6	47.8
04:20 AM - 04:25 AM	49.4	69.0	47.6
04:25 AM - 04:30 AM	48.5	52.1	47.7
04:30 AM - 04:35 AM	48.8	53.9	47.4
04:35 AM - 04:40 AM	52.8	69.4	47.4
04:40 AM - 04:45 AM	52.1	69.4	47.5
04:45 AM - 04:50 AM	50.8	69.4	47.4
04:50 AM - 04:55 AM	52.2	68.9	47.3
04:55 AM - 05:00 AM	52.1	69.0	47.1
05:00 AM - 05:05 AM	50.1	69.8	47.2
05:05 AM - 05:10 AM	54.4	70.7	47.5
05:10 AM - 05:15 AM	51.8	70.2	47.4
05:15 AM - 05:20 AM	52.6	69.9	47.0
05:20 AM - 05:25 AM	54.5	71.1	47.0
05:25 AM - 05:30 AM	52.4	71.0	47.0
05:30 AM - 05:35 AM	53.8	71.3	47.2
05:35 AM - 05:40 AM	52.0	69.0	47.3
05:40 AM - 05:45 AM	56.4	72.0	47.0
05:45 AM - 05:50 AM	57.5	71.5	47.3
05:50 AM - 05:55 AM	57.7	75.3	47.5
05:55 AM - 06:00 AM	58.5	74.2	46.9
06:00 AM - 07:00 AM	60.1	94.5	46.4
07:00 AM - 08:00 AM	55.0	80.2	46.6
08:00 AM - 09:00 AM	53.4	79.0	45.9
09:00 AM - 10:00 AM	48.7	71.2	45.6
10:00 AM - 11:00 AM	47.4	70.3	42.3

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจสอบเสียงของสถานประกอบการ พ.ศ. 2553

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LIFE SCIENCES

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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 : Nongyai
Project Location :

Sample No.
2338637-8

Parameter
Noise

Location
พื. 4 มีนาหอกลาง ถนนพหลโยธิน (N2) (Shut down)

Measurement Date
Apr 29 - 30, 2023

Measurement by
Panuwat Wangbong

Sound Level Meter
00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	53.2	76.8	40.2
01:00 PM - 02:00 PM	49.3	73.8	41.4
02:00 PM - 03:00 PM	51.3	78.1	40.6
03:00 PM - 04:00 PM	50.1	74.2	41.5
04:00 PM - 05:00 PM	61.4	96.0	41.8
05:00 PM - 06:00 PM	62.2	88.3	52.3
06:00 PM - 07:00 PM	61.2	83.0	54.9
07:00 PM - 08:00 PM	52.9	75.7	45.1
08:00 PM - 09:00 PM	55.6	76.0	46.2
09:00 PM - 10:00 PM	55.6	78.8	49.9
10:00 PM - 10:05 PM	51.0	53.7	50.2
10:05 PM - 10:10 PM	55.7	72.1	50.9
10:10 PM - 10:15 PM	53.2	70.4	50.1
10:15 PM - 10:20 PM	57.1	76.8	49.8
10:20 PM - 10:25 PM	51.0	64.8	49.6
10:25 PM - 10:30 PM	50.8	64.9	49.3
10:30 PM - 10:35 PM	50.1	52.6	49.5
10:35 PM - 10:40 PM	50.1	52.9	49.6
10:40 PM - 10:45 PM	50.2	52.9	49.6
10:45 PM - 10:50 PM	50.4	54.7	49.7
10:50 PM - 10:55 PM	50.8	62.9	49.5
10:55 PM - 11:00 PM	53.2	74.5	49.0
11:00 PM - 11:05 PM	50.2	59.5	49.1
11:05 PM - 11:10 PM	49.8	55.2	46.3
11:10 PM - 11:15 PM	49.8	61.9	47.5
11:15 PM - 11:20 PM	54.2	75.3	49.7
11:20 PM - 11:25 PM	52.1	57.4	51.2
11:25 PM - 11:30 PM	51.8	58.1	50.7
11:30 PM - 11:35 PM	51.5	57.2	50.7
11:35 PM - 11:40 PM	55.7	73.0	46.8
11:40 PM - 11:45 PM	50.3	63.7	44.8
11:45 PM - 11:50 PM	46.4	56.1	44.3
11:50 PM - 11:55 PM	46.3	57.4	44.1
11:55 PM - 12:00 AM	50.4	70.7	43.5
12:00 AM - 12:05 AM	46.2	57.2	42.9
12:05 AM - 12:10 AM	56.8	77.8	44.8
12:10 AM - 12:15 AM	48.8	54.1	45.8
12:15 AM - 12:20 AM	50.5	53.2	49.7
12:20 AM - 12:25 AM	50.5	53.2	49.3
12:25 AM - 12:30 AM	50.4	54.5	49.6

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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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651817-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. : 2338637-8
Parameter : Noise
Location : พื 4 ชั้นตอมกลาง ตันนพทังสูง (N2) (Shut down)
Measurement Date : Apr 29 - 30, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472126

Page 2 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	50.0	54.1	48.3
12:35 AM - 12:40 AM	46.5	52.2	43.4
12:40 AM - 12:45 AM	45.7	57.0	43.6
12:45 AM - 12:50 AM	45.8	58.5	44.0
12:50 AM - 12:55 AM	44.8	55.2	43.4
12:55 AM - 01:00 AM	44.8	54.9	41.9
01:00 AM - 01:05 AM	45.8	57.3	43.9
01:05 AM - 01:10 AM	52.5	73.9	43.9
01:10 AM - 01:15 AM	43.0	53.8	43.6
01:15 AM - 01:20 AM	44.7	57.1	43.6
01:20 AM - 01:25 AM	44.5	47.3	43.8
01:25 AM - 01:30 AM	44.0	48.2	41.3
01:30 AM - 01:35 AM	45.2	53.8	44.2
01:35 AM - 01:40 AM	45.2	52.4	44.2
01:40 AM - 01:45 AM	45.6	55.9	44.2
01:45 AM - 01:50 AM	44.7	50.6	43.9
01:50 AM - 01:55 AM	45.3	54.9	44.0
01:55 AM - 02:00 AM	43.6	47.0	41.1
02:00 AM - 02:05 AM	45.2	52.5	44.0
02:05 AM - 02:10 AM	43.9	51.0	43.9
02:10 AM - 02:15 AM	44.8	54.9	43.7
02:15 AM - 02:20 AM	45.1	49.0	44.1
02:20 AM - 02:25 AM	45.4	49.5	44.3
02:25 AM - 02:30 AM	44.6	48.7	43.6
02:30 AM - 02:35 AM	43.9	47.7	42.6
02:35 AM - 02:40 AM	44.8	49.8	43.5
02:40 AM - 02:45 AM	45.0	57.6	43.7
02:45 AM - 02:50 AM	44.1	57.9	43.1
02:50 AM - 02:55 AM	43.9	47.3	43.2
02:55 AM - 03:00 AM	43.7	47.7	41.3
03:00 AM - 03:05 AM	44.3	48.3	43.3
03:05 AM - 03:10 AM	43.8	48.0	43.1
03:10 AM - 03:15 AM	43.0	51.0	39.6
03:15 AM - 03:20 AM	44.1	50.2	43.3
03:20 AM - 03:25 AM	44.2	48.0	43.2
03:25 AM - 03:30 AM	44.5	52.2	42.5
03:30 AM - 03:35 AM	44.6	55.6	44.6
03:35 AM - 03:40 AM	44.6	55.0	43.5
03:40 AM - 03:45 AM	44.0	54.0	43.2
03:45 AM - 03:50 AM	44.2	50.8	43.4

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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

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651817-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. : 2338637-8
Parameter : Noise
Location : พื 4 ชั้นตอมกลาง ตันนพทังสูง (N2) (Shut down)
Measurement Date : Apr 29 - 30, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472126

Page 3 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	44.6	53.1	43.3
03:55 AM - 04:00 AM	43.3	52.1	42.1
04:00 AM - 04:05 AM	44.3	48.2	43.3
04:05 AM - 04:10 AM	44.7	50.6	43.6
04:10 AM - 04:15 AM	43.9	48.1	42.9
04:15 AM - 04:20 AM	43.4	47.7	42.2
04:20 AM - 04:25 AM	43.8	47.5	43.1
04:25 AM - 04:30 AM	44.2	53.6	42.7
04:30 AM - 04:35 AM	44.7	56.3	42.5
04:35 AM - 04:40 AM	43.8	48.0	42.7
04:40 AM - 04:45 AM	44.3	49.4	42.9
04:45 AM - 04:50 AM	43.9	47.5	43.1
04:50 AM - 04:55 AM	45.8	52.1	42.4
04:55 AM - 05:00 AM	44.9	51.8	43.7
05:00 AM - 05:05 AM	45.6	53.0	43.9
05:05 AM - 05:10 AM	44.1	47.3	43.5
05:10 AM - 05:15 AM	44.0	46.8	43.3
05:15 AM - 05:20 AM	43.9	46.7	43.0
05:20 AM - 05:25 AM	43.7	45.7	43.0
05:25 AM - 05:30 AM	44.3	57.9	42.8
05:30 AM - 05:35 AM	43.7	46.7	41.9
05:35 AM - 05:40 AM	44.0	50.1	43.1
05:40 AM - 05:45 AM	44.7	54.3	43.5
05:45 AM - 05:50 AM	44.8	56.0	42.9
05:50 AM - 05:55 AM	43.8	46.0	42.7
05:55 AM - 06:00 AM	45.3	62.3	43.4
06:00 AM - 07:00 AM	44.1	58.0	42.8
07:00 AM - 08:00 AM	51.0	80.0	43.5
08:00 AM - 09:00 AM	52.5	76.4	45.6
09:00 AM - 10:00 AM	55.1	81.8	44.0
10:00 AM - 11:00 AM	52.0	77.2	42.3
11:00 AM - 12:00 PM	54.8	77.6	48.5

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดเสียงรบกวน รบกวนเสียง 24 ชั่วโมง และระดับเสียงสูงสุดที่ได้จากการประกอบกิจการโรงงาน พ.ศ. 2553

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
234/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651818-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. 2338637-9
Parameter Noise
Location วิทยาลัยการอาชีพวังทอง (N2) (Shut down)
Measurement Date Apr 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472126

Page 1 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	60.4	97.1	47.2
01:00 PM - 02:00 PM	62.5	89.6	54.4
02:00 PM - 03:00 PM	55.3	76.8	49.3
03:00 PM - 04:00 PM	59.9	88.3	54.7
04:00 PM - 05:00 PM	54.7	73.2	52.4
05:00 PM - 06:00 PM	55.1	79.4	48.1
06:00 PM - 07:00 PM	51.9	76.6	44.5
07:00 PM - 08:00 PM	56.0	82.0	43.8
08:00 PM - 09:00 PM	48.9	74.1	44.2
09:00 PM - 10:00 PM	53.0	71.0	51.2
10:00 PM - 10:05 PM	53.4	69.1	51.8
10:05 PM - 10:10 PM	52.4	54.3	51.8
10:10 PM - 10:15 PM	52.5	57.7	51.8
10:15 PM - 10:20 PM	52.3	54.0	51.7
10:20 PM - 10:25 PM	53.0	65.6	51.4
10:25 PM - 10:30 PM	52.3	61.2	51.4
10:30 PM - 10:35 PM	52.9	63.3	51.7
10:35 PM - 10:40 PM	52.4	60.9	51.8
10:40 PM - 10:45 PM	52.3	59.2	51.7
10:45 PM - 10:50 PM	52.2	58.9	51.5
10:50 PM - 10:55 PM	51.9	56.8	51.2
10:55 PM - 11:00 PM	52.1	53.9	51.7
11:00 PM - 11:05 PM	52.4	60.8	51.7
11:05 PM - 11:10 PM	52.1	53.5	51.7
11:10 PM - 11:15 PM	52.0	54.8	51.0
11:15 PM - 11:20 PM	51.4	53.2	46.7
11:20 PM - 11:25 PM	51.8	52.9	51.2
11:25 PM - 11:30 PM	52.0	61.2	51.1
11:30 PM - 11:35 PM	51.7	52.8	50.9
11:35 PM - 11:40 PM	51.8	54.1	51.2
11:40 PM - 11:45 PM	48.3	53.2	44.9
11:45 PM - 11:50 PM	45.3	47.4	44.4
11:50 PM - 11:55 PM	45.6	54.0	44.6
11:55 PM - 12:00 AM	45.3	47.9	44.3
12:00 AM - 12:05 AM	45.7	49.9	44.6
12:05 AM - 12:10 AM	45.5	50.9	44.4
12:10 AM - 12:15 AM	45.4	52.4	44.4
12:15 AM - 12:20 AM	45.7	49.8	44.6
12:20 AM - 12:25 AM	45.9	49.6	44.7
12:25 AM - 12:30 AM	45.6	47.7	44.5

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



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
234/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651818-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. 2338637-9
Parameter Noise
Location วิทยาลัยการอาชีพวังทอง (N2) (Shut down)
Measurement Date Apr 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472126

Page 2 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	45.3	47.4	44.5
12:35 AM - 12:40 AM	46.0	61.5	43.9
12:40 AM - 12:45 AM	45.5	47.6	44.5
12:45 AM - 12:50 AM	46.0	49.2	44.8
12:50 AM - 12:55 AM	45.2	47.9	44.3
12:55 AM - 01:00 AM	46.1	49.3	45.0
01:00 AM - 01:05 AM	46.9	59.7	45.2
01:05 AM - 01:10 AM	45.2	48.5	44.2
01:10 AM - 01:15 AM	46.4	50.7	45.3
01:15 AM - 01:20 AM	45.7	47.9	44.7
01:20 AM - 01:25 AM	45.5	48.4	44.2
01:25 AM - 01:30 AM	45.5	50.8	43.8
01:30 AM - 01:35 AM	47.6	64.0	43.7
01:35 AM - 01:40 AM	45.0	47.8	44.1
01:40 AM - 01:45 AM	45.9	56.6	44.8
01:45 AM - 01:50 AM	45.3	48.7	44.0
01:50 AM - 01:55 AM	45.4	48.9	44.4
01:55 AM - 02:00 AM	46.4	59.6	44.4
02:00 AM - 02:05 AM	45.9	56.0	44.4
02:05 AM - 02:10 AM	45.9	48.1	44.8
02:10 AM - 02:15 AM	45.4	48.4	44.6
02:15 AM - 02:20 AM	45.0	47.6	44.2
02:20 AM - 02:25 AM	45.4	56.2	44.0
02:25 AM - 02:30 AM	46.0	51.1	44.5
02:30 AM - 02:35 AM	45.7	53.4	44.5
02:35 AM - 02:40 AM	44.9	47.8	43.9
02:40 AM - 02:45 AM	44.4	46.5	43.6
02:45 AM - 02:50 AM	44.2	46.4	43.4
02:50 AM - 02:55 AM	45.6	51.0	43.9
02:55 AM - 03:00 AM	45.2	50.3	43.8
03:00 AM - 03:05 AM	44.3	49.3	43.4
03:05 AM - 03:10 AM	44.1	48.6	43.1
03:10 AM - 03:15 AM	44.1	46.5	43.2
03:15 AM - 03:20 AM	45.5	53.4	44.0
03:20 AM - 03:25 AM	44.0	46.5	43.1
03:25 AM - 03:30 AM	45.6	50.4	43.5
03:30 AM - 03:35 AM	44.4	51.1	43.2
03:35 AM - 03:40 AM	46.1	50.7	43.7
03:40 AM - 03:45 AM	44.9	52.1	43.9
03:45 AM - 03:50 AM	45.5	51.7	43.7

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Approved by

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651819-1

Page 3 of 3

Sample No. 2338637-9

Parameter Noise

Location หมู่ 4 ถนนพหลโยธิน ตำบลบางพลีใหญ่ (N2) (Shut down)

Measurement Date Apr 30 - May 01, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	46.1	51.4	43.8
03:55 AM - 04:00 AM	44.6	50.4	43.6
04:00 AM - 04:05 AM	45.0	47.4	44.1
04:05 AM - 04:10 AM	46.7	51.7	44.2
04:10 AM - 04:15 AM	46.2	52.3	43.8
04:15 AM - 04:20 AM	44.7	49.5	43.7
04:20 AM - 04:25 AM	46.5	51.9	44.1
04:25 AM - 04:30 AM	45.5	51.2	43.4
04:30 AM - 04:35 AM	46.0	52.1	43.5
04:35 AM - 04:40 AM	46.9	51.9	43.8
04:40 AM - 04:45 AM	46.2	50.1	45.0
04:45 AM - 04:50 AM	46.6	53.1	44.3
04:50 AM - 04:55 AM	45.5	53.0	43.8
04:55 AM - 05:00 AM	46.2	52.7	43.3
05:00 AM - 05:05 AM	47.2	52.5	44.2
05:05 AM - 05:10 AM	47.3	52.8	43.7
05:10 AM - 05:15 AM	48.6	53.4	44.2
05:15 AM - 05:20 AM	49.0	52.3	46.0
05:20 AM - 05:25 AM	49.4	53.2	46.4
05:25 AM - 05:30 AM	49.5	53.3	46.7
05:30 AM - 05:35 AM	50.6	54.2	48.8
05:35 AM - 05:40 AM	50.1	53.3	48.2
05:40 AM - 05:45 AM	49.7	53.1	47.1
05:45 AM - 05:50 AM	49.6	53.2	46.1
05:50 AM - 05:55 AM	50.3	53.6	48.6
05:55 AM - 06:00 AM	49.9	64.0	45.4
06:00 AM - 07:00 AM	49.0	56.6	44.5
07:00 AM - 08:00 AM	49.2	64.5	44.8
08:00 AM - 09:00 AM	51.3	70.2	45.2
09:00 AM - 10:00 AM	50.0	73.3	43.9
10:00 AM - 11:00 AM	47.1	67.4	42.5
11:00 AM - 12:00 PM	54.9	83.8	42.7

Reference Method :

- ISO 1996-1
- ประกาศกระทรวงอุตสาหกรรม เรื่อง วิธีการวัดระดับเสียงและเกณฑ์การประเมินผลกระทบทางเสียง 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

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

P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651819-1

Page 1 of 3

Sample No. 2338637-10

Parameter Noise

Location หมู่ 4 ถนนพหลโยธิน ตำบลบางพลีใหญ่ (N2) (Shut down)

Measurement Date May 01 - 02, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	49.1	73.3	41.8
01:00 PM - 02:00 PM	53.1	80.0	41.7
02:00 PM - 03:00 PM	46.2	72.3	41.4
03:00 PM - 04:00 PM	48.6	71.1	41.7
04:00 PM - 05:00 PM	47.3	68.6	40.9
05:00 PM - 06:00 PM	54.9	84.5	42.9
06:00 PM - 07:00 PM	48.0	70.9	43.3
07:00 PM - 08:00 PM	48.3	70.9	42.9
08:00 PM - 09:00 PM	49.3	75.9	44.0
09:00 PM - 10:00 PM	55.3	79.7	47.7
10:00 PM - 10:05 PM	49.1	54.0	47.8
10:05 PM - 10:10 PM	49.0	49.0	47.8
10:10 PM - 10:15 PM	49.9	62.0	47.0
10:15 PM - 10:20 PM	50.2	60.0	48.6
10:20 PM - 10:25 PM	48.9	53.1	48.0
10:25 PM - 10:30 PM	56.4	76.1	47.7
10:30 PM - 10:35 PM	48.9	61.6	47.5
10:35 PM - 10:40 PM	48.9	52.6	48.1
10:40 PM - 10:45 PM	49.0	52.5	48.1
10:45 PM - 10:50 PM	49.0	52.2	48.1
10:50 PM - 10:55 PM	49.5	62.2	48.4
10:55 PM - 11:00 PM	49.6	61.9	48.0
11:00 PM - 11:05 PM	48.4	51.8	47.5
11:05 PM - 11:10 PM	48.0	50.8	46.9
11:10 PM - 11:15 PM	48.4	51.9	47.7
11:15 PM - 11:20 PM	47.4	52.5	44.7
11:20 PM - 11:25 PM	47.5	51.2	46.8
11:25 PM - 11:30 PM	48.1	52.5	47.5
11:30 PM - 11:35 PM	48.3	58.8	47.3
11:35 PM - 11:40 PM	48.7	62.6	46.7
11:40 PM - 11:45 PM	48.0	51.1	47.1
11:45 PM - 11:50 PM	46.1	57.4	46.8
11:50 PM - 11:55 PM	47.5	51.8	46.7
11:55 PM - 12:00 AM	47.3	56.0	45.9
12:00 AM - 12:05 AM	44.8	50.4	43.3
12:05 AM - 12:10 AM	44.3	54.8	41.6
12:10 AM - 12:15 AM	44.9	50.3	43.2
12:15 AM - 12:20 AM	45.3	50.1	44.0
12:20 AM - 12:25 AM	49.6	68.2	45.0
12:25 AM - 12:30 AM	46.1	50.2	44.7

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651819-1

Page 2 of 3

Sample No. 2338637-10

Parameter Noise

Location หมู่ 4 บ้านหนองกลาง ตำบลท่าช้าง (N2) (Shut down)

Measurement Date May 01 - 02, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	45.3	49.8	44.3
12:35 AM - 12:40 AM	46.4	61.1	43.5
12:40 AM - 12:45 AM	46.9	64.8	44.2
12:45 AM - 12:50 AM	45.1	61.7	43.2
12:50 AM - 12:55 AM	47.4	65.1	44.0
12:55 AM - 01:00 AM	49.4	64.1	43.4
01:00 AM - 01:05 AM	50.2	65.2	43.6
01:05 AM - 01:10 AM	45.8	64.1	43.1
01:10 AM - 01:15 AM	43.8	46.9	41.9
01:15 AM - 01:20 AM	44.3	55.3	43.1
01:20 AM - 01:25 AM	44.5	50.5	43.2
01:25 AM - 01:30 AM	44.2	48.9	43.2
01:30 AM - 01:35 AM	43.9	52.1	42.9
01:35 AM - 01:40 AM	43.9	52.8	43.1
01:40 AM - 01:45 AM	44.4	50.6	43.4
01:45 AM - 01:50 AM	44.6	57.2	41.8
01:50 AM - 01:55 AM	44.5	46.9	43.7
01:55 AM - 02:00 AM	44.5	53.4	43.1
02:00 AM - 02:05 AM	45.0	59.4	43.4
02:05 AM - 02:10 AM	43.9	45.8	43.2
02:10 AM - 02:15 AM	44.0	46.2	43.0
02:15 AM - 02:20 AM	43.1	47.0	42.2
02:20 AM - 02:25 AM	43.1	45.1	42.2
02:25 AM - 02:30 AM	43.3	45.6	40.6
02:30 AM - 02:35 AM	43.3	47.0	42.7
02:35 AM - 02:40 AM	44.0	47.9	43.0
02:40 AM - 02:45 AM	44.2	47.0	43.1
02:45 AM - 02:50 AM	44.1	48.1	43.1
02:50 AM - 02:55 AM	43.3	46.8	42.4
02:55 AM - 03:00 AM	43.6	49.0	42.4
03:00 AM - 03:05 AM	43.3	48.3	40.9
03:05 AM - 03:10 AM	44.2	53.0	42.3
03:10 AM - 03:15 AM	43.7	51.2	42.3
03:15 AM - 03:20 AM	43.0	45.3	42.1
03:20 AM - 03:25 AM	43.7	47.4	42.7
03:25 AM - 03:30 AM	43.4	50.9	42.6
03:30 AM - 03:35 AM	44.7	57.2	43.2
03:35 AM - 03:40 AM	44.7	48.2	42.7
03:40 AM - 03:45 AM	45.4	56.5	41.8
03:45 AM - 03:50 AM	44.8	53.8	43.1

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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, Bangkok, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651819-1

Page 3 of 3

Sample No. 2338637-10

Parameter Noise

Location หมู่ 4 บ้านหนองกลาง ตำบลท่าช้าง (N2) (Shut down)

Measurement Date May 01 - 02, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	49.7	67.2	43.7
03:55 AM - 04:00 AM	43.8	55.5	42.8
04:00 AM - 04:05 AM	43.4	48.3	42.6
04:05 AM - 04:10 AM	43.2	45.9	42.3
04:10 AM - 04:15 AM	42.8	45.9	41.1
04:15 AM - 04:20 AM	42.1	45.9	38.7
04:20 AM - 04:25 AM	42.8	44.6	42.3
04:25 AM - 04:30 AM	44.1	47.1	42.8
04:30 AM - 04:35 AM	43.5	46.3	42.8
04:35 AM - 04:40 AM	43.8	47.8	42.9
04:40 AM - 04:45 AM	43.9	47.5	43.1
04:45 AM - 04:50 AM	45.0	60.7	43.0
04:50 AM - 04:55 AM	43.3	46.0	42.3
04:55 AM - 05:00 AM	43.2	46.1	42.5
05:00 AM - 05:05 AM	43.9	46.2	43.0
05:05 AM - 05:10 AM	43.3	45.8	42.5
05:10 AM - 05:15 AM	43.5	45.7	42.6
05:15 AM - 05:20 AM	43.7	46.7	42.8
05:20 AM - 05:25 AM	44.0	46.4	43.3
05:25 AM - 05:30 AM	44.4	46.2	43.7
05:30 AM - 05:35 AM	44.1	49.1	43.3
05:35 AM - 05:40 AM	43.4	48.4	42.6
05:40 AM - 05:45 AM	43.9	48.1	43.1
05:45 AM - 05:50 AM	46.1	63.1	45.0
05:50 AM - 05:55 AM	43.7	47.0	42.7
05:55 AM - 06:00 AM	43.6	48.1	42.5
06:00 AM - 07:00 AM	44.0	55.8	42.8
07:00 AM - 08:00 AM	52.8	77.2	48.1
08:00 AM - 09:00 AM	52.7	77.1	43.2
09:00 AM - 10:00 AM	53.2	77.7	43.0
10:00 AM - 11:00 AM	53.6	78.6	39.8
11:00 AM - 12:00 PM	51.3	73.6	38.6

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดมลพิษในบริเวณรอบชุมชนเมืองฉบับ 24 ธันวาคม และแก้ไขเพิ่มเติม (โดยการปรับปรุงองค์การงาน พ.ศ. 2553)

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

Life Sciences

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RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
234/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651820-1

P/O :
Project Name : Nongyai
Project Location :

Page 1 of 3

2338637-11

Parameter : Noise
Location : หมู่ 4 บ้านหนองกลาง ตำบลวังทอง (N2) (Shut down)
Measurement Date : May 02 - 03, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	50.8	76.8	40.9
01:00 PM - 02:00 PM	51.3	75.0	40.5
02:00 PM - 03:00 PM	50.9	75.8	39.4
03:00 PM - 04:00 PM	51.7	76.0	40.3
04:00 PM - 05:00 PM	52.3	75.7	43.5
05:00 PM - 06:00 PM	53.0	77.6	43.1
06:00 PM - 07:00 PM	56.2	81.6	44.4
07:00 PM - 08:00 PM	52.3	80.7	44.5
08:00 PM - 09:00 PM	53.9	78.2	45.3
09:00 PM - 10:00 PM	54.8	76.8	48.1
10:00 PM - 10:05 PM	55.0	71.9	45.1
10:05 PM - 10:10 PM	49.0	63.8	45.1
10:10 PM - 10:15 PM	55.6	75.4	45.2
10:15 PM - 10:20 PM	52.4	72.0	44.9
10:20 PM - 10:25 PM	49.6	59.8	45.2
10:25 PM - 10:30 PM	48.0	61.0	44.5
10:30 PM - 10:35 PM	50.5	67.8	45.0
10:35 PM - 10:40 PM	48.1	58.4	44.9
10:40 PM - 10:45 PM	54.4	71.5	45.5
10:45 PM - 10:50 PM	48.1	57.6	46.3
10:50 PM - 10:55 PM	56.3	77.2	44.5
10:55 PM - 11:00 PM	45.9	54.9	44.9
11:00 PM - 11:05 PM	46.9	56.3	45.0
11:05 PM - 11:10 PM	49.3	59.1	45.3
11:10 PM - 11:15 PM	55.7	75.5	45.1
11:15 PM - 11:20 PM	54.2	74.3	44.6
11:20 PM - 11:25 PM	55.3	76.7	44.7
11:25 PM - 11:30 PM	47.7	57.9	44.7
11:30 PM - 11:35 PM	53.2	76.8	43.8
11:35 PM - 11:40 PM	52.1	70.7	44.3
11:40 PM - 11:45 PM	48.9	59.3	43.6
11:45 PM - 11:50 PM	54.2	73.2	43.5
11:50 PM - 11:55 PM	48.0	58.8	43.3
11:55 PM - 12:00 AM	55.2	75.8	44.0
12:00 AM - 12:05 AM	47.5	58.9	43.9
12:05 AM - 12:10 AM	48.5	59.0	43.7
12:10 AM - 12:15 AM	52.9	73.0	42.5
12:15 AM - 12:20 AM	54.3	74.1	43.9
12:20 AM - 12:25 AM	46.6	56.2	43.8
12:25 AM - 12:30 AM	47.8	57.7	43.2

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Approved by

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



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
234/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651820-1

P/O :
Project Name : Nongyai
Project Location :

Page 2 of 3

2338637-11

Parameter : Noise
Location : หมู่ 4 บ้านหนองกลาง ตำบลวังทอง (N2) (Shut down)
Measurement Date : May 02 - 03, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	45.3	55.3	43.7
12:35 AM - 12:40 AM	45.1	51.8	43.9
12:40 AM - 12:45 AM	46.2	54.8	43.8
12:45 AM - 12:50 AM	45.5	52.5	43.3
12:50 AM - 12:55 AM	50.7	72.3	42.5
12:55 AM - 01:00 AM	45.7	53.4	43.6
01:00 AM - 01:05 AM	46.3	55.4	43.5
01:05 AM - 01:10 AM	46.2	62.6	43.6
01:10 AM - 01:15 AM	48.0	64.1	44.1
01:15 AM - 01:20 AM	54.1	72.6	44.1
01:20 AM - 01:25 AM	55.9	77.4	44.2
01:25 AM - 01:30 AM	46.1	65.6	43.0
01:30 AM - 01:35 AM	45.7	53.9	43.8
01:35 AM - 01:40 AM	53.0	72.8	43.8
01:40 AM - 01:45 AM	44.9	50.8	43.1
01:45 AM - 01:50 AM	45.2	52.4	43.2
01:50 AM - 01:55 AM	44.9	57.8	43.1
01:55 AM - 02:00 AM	44.2	48.9	43.2
02:00 AM - 02:05 AM	44.9	59.0	42.8
02:05 AM - 02:10 AM	44.7	51.9	42.8
02:10 AM - 02:15 AM	44.8	52.3	43.4
02:15 AM - 02:20 AM	44.5	51.7	43.1
02:20 AM - 02:25 AM	46.3	59.2	43.5
02:25 AM - 02:30 AM	44.1	57.2	43.2
02:30 AM - 02:35 AM	51.0	70.8	43.1
02:35 AM - 02:40 AM	45.0	53.6	42.8
02:40 AM - 02:45 AM	53.2	77.8	40.3
02:45 AM - 02:50 AM	45.0	54.9	42.7
02:50 AM - 02:55 AM	43.6	50.7	42.5
02:55 AM - 03:00 AM	44.4	55.9	42.0
03:00 AM - 03:05 AM	44.1	54.2	41.8
03:05 AM - 03:10 AM	43.4	49.2	42.3
03:10 AM - 03:15 AM	43.6	50.1	42.3
03:15 AM - 03:20 AM	42.6	46.8	39.7
03:20 AM - 03:25 AM	44.5	53.8	42.1
03:25 AM - 03:30 AM	43.9	48.9	42.5
03:30 AM - 03:35 AM	44.3	57.2	42.3
03:35 AM - 03:40 AM	44.6	54.7	42.4
03:40 AM - 03:45 AM	44.2	55.0	42.2
03:45 AM - 03:50 AM	46.8	56.2	42.1

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Approved by

Wilawan Borirak

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651820-1

Page 3 of 3

Sample No. 2338637-11

Parameter Noise

Location หมู่ 4 ถนนพหลโยธิน ตำบลบางพลีใหญ่ (N2) (Shut down)

Measurement Date May 02 - 03, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	44.8	54.3	42.1
03:55 AM - 04:00 AM	45.3	56.4	42.4
04:00 AM - 04:05 AM	43.0	52.5	40.7
04:05 AM - 04:10 AM	43.2	49.8	40.9
04:10 AM - 04:15 AM	44.1	51.6	42.6
04:15 AM - 04:20 AM	41.8	52.9	41.8
04:20 AM - 04:25 AM	43.4	51.5	41.7
04:25 AM - 04:30 AM	44.3	53.0	41.9
04:30 AM - 04:35 AM	42.7	49.0	39.5
04:35 AM - 04:40 AM	44.5	52.7	42.0
04:40 AM - 04:45 AM	43.2	49.6	42.1
04:45 AM - 04:50 AM	44.6	57.5	42.1
04:50 AM - 04:55 AM	44.0	53.0	42.1
04:55 AM - 05:00 AM	45.1	58.5	42.0
05:00 AM - 05:05 AM	44.6	53.1	41.9
05:05 AM - 05:10 AM	44.3	51.8	41.6
05:10 AM - 05:15 AM	44.7	51.5	42.5
05:15 AM - 05:20 AM	43.5	51.3	41.9
05:20 AM - 05:25 AM	44.3	51.0	42.3
05:25 AM - 05:30 AM	43.9	50.0	42.2
05:30 AM - 05:35 AM	44.4	55.3	41.6
05:35 AM - 05:40 AM	43.2	46.6	42.0
05:40 AM - 05:45 AM	43.9	51.9	42.3
05:45 AM - 05:50 AM	43.3	52.3	41.8
05:50 AM - 05:55 AM	44.7	56.5	41.3
05:55 AM - 06:00 AM	44.5	63.2	41.5
06:00 AM - 07:00 AM	46.7	72.2	41.9
07:00 AM - 08:00 AM	48.7	74.2	42.0
08:00 AM - 09:00 AM	48.7	73.3	42.3
09:00 AM - 10:00 AM	53.7	75.1	44.3
10:00 AM - 11:00 AM	50.8	76.1	41.4
11:00 AM - 12:00 PM	55.0	80.2	40.5

Reference Method :

- ISO 1996-1
- ประกาศกระทรวงสาธารณสุข เรื่อง วิธีการวัดระดับเสียงและเกณฑ์การประเมินผลกระทบทางเสียง พ.ศ. 2553

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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

P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651821-1

Page 1 of 3

Sample No. 2338637-12

Parameter Noise

Location หมู่ 4 ถนนพหลโยธิน ตำบลบางพลีใหญ่ (N2) (Shut down)

Measurement Date May 03 - 04, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	56.8	84.3	41.4
01:00 PM - 02:00 PM	52.1	76.0	41.2
02:00 PM - 03:00 PM	53.5	80.2	39.6
03:00 PM - 04:00 PM	53.2	77.0	41.5
04:00 PM - 05:00 PM	52.8	75.1	44.4
05:00 PM - 06:00 PM	55.8	74.2	48.3
06:00 PM - 07:00 PM	51.6	81.1	41.6
07:00 PM - 08:00 PM	51.8	71.2	42.5
08:00 PM - 09:00 PM	53.9	81.3	44.1
09:00 PM - 10:00 PM	53.5	77.6	47.2
10:00 PM - 10:05 PM	48.6	60.9	46.4
10:05 PM - 10:10 PM	48.6	58.4	47.2
10:10 PM - 10:15 PM	49.0	57.2	47.3
10:15 PM - 10:20 PM	49.1	60.9	47.0
10:20 PM - 10:25 PM	49.7	63.5	47.4
10:25 PM - 10:30 PM	52.5	76.1	46.7
10:30 PM - 10:35 PM	48.8	65.0	46.2
10:35 PM - 10:40 PM	52.1	68.9	47.1
10:40 PM - 10:45 PM	49.2	55.3	47.5
10:45 PM - 10:50 PM	50.2	54.7	49.3
10:50 PM - 10:55 PM	50.4	60.9	49.3
10:55 PM - 11:00 PM	50.5	60.4	49.6
11:00 PM - 11:05 PM	51.1	64.4	49.6
11:05 PM - 11:10 PM	50.4	53.6	49.6
11:10 PM - 11:15 PM	50.3	54.2	49.5
11:15 PM - 11:20 PM	50.5	56.8	49.8
11:20 PM - 11:25 PM	50.6	59.5	49.8
11:25 PM - 11:30 PM	50.6	62.4	48.9
11:30 PM - 11:35 PM	48.0	58.3	45.2
11:35 PM - 11:40 PM	47.2	58.1	45.2
11:40 PM - 11:45 PM	48.1	60.5	46.1
11:45 PM - 11:50 PM	48.2	64.5	45.6
11:50 PM - 11:55 PM	56.5	76.8	44.2
11:55 PM - 12:00 AM	50.2	66.0	44.2
12:00 AM - 12:05 AM	49.6	69.3	44.6
12:05 AM - 12:10 AM	45.4	59.9	43.1
12:10 AM - 12:15 AM	47.3	65.3	44.5
12:15 AM - 12:20 AM	45.9	54.3	44.4
12:20 AM - 12:25 AM	45.5	53.6	44.5
12:25 AM - 12:30 AM	45.5	51.6	44.4

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651821-1

Page 2 of 3

Sample No. 2338637-12

Parameter Noise

Location หมู่ 4 บ้านหนองกลาง ตำบลท่าช้าง (N2) (Shut down)

Measurement Date May 03 - 04, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	45.8	62.6	43.7
12:35 AM - 12:40 AM	48.7	70.6	42.0
12:40 AM - 12:45 AM	46.1	65.2	44.0
12:45 AM - 12:50 AM	46.0	58.5	43.8
12:50 AM - 12:55 AM	44.8	53.2	43.6
12:55 AM - 01:00 AM	44.3	48.7	43.2
01:00 AM - 01:05 AM	45.5	52.3	43.9
01:05 AM - 01:10 AM	44.9	56.5	43.2
01:10 AM - 01:15 AM	43.5	48.6	42.0
01:15 AM - 01:20 AM	44.5	50.3	43.6
01:20 AM - 01:25 AM	44.8	51.8	43.1
01:25 AM - 01:30 AM	45.2	52.6	43.8
01:30 AM - 01:35 AM	44.8	50.7	43.6
01:35 AM - 01:40 AM	49.0	71.5	43.2
01:40 AM - 01:45 AM	50.3	71.4	43.7
01:45 AM - 01:50 AM	50.3	65.0	42.6
01:50 AM - 01:55 AM	47.7	67.3	43.7
01:55 AM - 02:00 AM	46.1	58.3	44.0
02:00 AM - 02:05 AM	45.0	50.8	43.7
02:05 AM - 02:10 AM	45.8	52.8	44.2
02:10 AM - 02:15 AM	45.1	50.6	43.8
02:15 AM - 02:20 AM	44.2	53.3	42.8
02:20 AM - 02:25 AM	44.2	50.6	40.0
02:25 AM - 02:30 AM	44.5	52.2	43.1
02:30 AM - 02:35 AM	46.7	63.3	43.7
02:35 AM - 02:40 AM	46.2	66.8	42.6
02:40 AM - 02:45 AM	43.4	49.3	41.9
02:45 AM - 02:50 AM	44.1	54.5	42.4
02:50 AM - 02:55 AM	45.2	61.2	43.2
02:55 AM - 03:00 AM	45.5	54.5	43.4
03:00 AM - 03:05 AM	44.0	51.8	40.1
03:05 AM - 03:10 AM	44.7	52.5	43.6
03:10 AM - 03:15 AM	44.4	54.7	42.8
03:15 AM - 03:20 AM	45.0	52.8	43.2
03:20 AM - 03:25 AM	44.5	52.0	43.1
03:25 AM - 03:30 AM	44.7	53.8	43.2
03:30 AM - 03:35 AM	44.2	49.9	42.6
03:35 AM - 03:40 AM	44.9	53.6	44.9
03:40 AM - 03:45 AM	45.0	52.9	42.2
03:45 AM - 03:50 AM	45.3	51.2	43.5

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651821-1

Page 3 of 3

Sample No. 2338637-12

Parameter Noise

Location หมู่ 4 บ้านหนองกลาง ตำบลท่าช้าง (N2) (Shut down)

Measurement Date May 03 - 04, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	44.8	51.8	43.3
03:55 AM - 04:00 AM	45.0	58.3	42.6
04:00 AM - 04:05 AM	44.3	51.6	42.6
04:05 AM - 04:10 AM	44.1	55.3	41.9
04:10 AM - 04:15 AM	43.5	47.6	42.3
04:15 AM - 04:20 AM	43.6	50.4	40.1
04:20 AM - 04:25 AM	44.4	50.4	42.5
04:25 AM - 04:30 AM	44.3	48.4	43.0
04:30 AM - 04:35 AM	45.0	50.1	44.0
04:35 AM - 04:40 AM	44.4	49.1	43.5
04:40 AM - 04:45 AM	44.1	49.9	42.6
04:45 AM - 04:50 AM	44.4	49.6	43.1
04:50 AM - 04:55 AM	44.2	49.3	43.2
04:55 AM - 05:00 AM	43.4	48.9	40.5
05:00 AM - 05:05 AM	44.5	51.2	42.9
05:05 AM - 05:10 AM	43.7	48.3	42.6
05:10 AM - 05:15 AM	43.9	49.9	42.3
05:15 AM - 05:20 AM	43.3	47.4	42.5
05:20 AM - 05:25 AM	43.0	46.9	42.1
05:25 AM - 05:30 AM	42.5	47.5	38.4
05:30 AM - 05:35 AM	43.0	47.5	39.5
05:35 AM - 05:40 AM	42.6	48.6	41.2
05:40 AM - 05:45 AM	43.4	48.5	42.2
05:45 AM - 05:50 AM	43.4	47.6	42.6
05:50 AM - 05:55 AM	44.1	49.4	43.0
05:55 AM - 06:00 AM	43.7	49.2	42.0
06:00 AM - 07:00 AM	44.4	62.9	42.3
07:00 AM - 08:00 AM	48.2	74.0	43.3
08:00 AM - 09:00 AM	59.8	79.9	56.4
09:00 AM - 10:00 AM	51.8	76.8	43.9
10:00 AM - 11:00 AM	58.2	80.5	54.0
11:00 AM - 12:00 PM	49.7	74.7	40.4

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดมลพิษในบริเวณรอบ โรงงาน และชุมชนใกล้จุดปล่อยจากโรงงานตามกฎหมาย พ.ศ. 2553

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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.
234/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651822-1

P/O :
Project Name : Nongyai
Project Location :

2338637-13

Sample No. : 2338637-13
Parameter : Noise
Location : หมู่ 4 บ้านหนองกลาง ตำบลวังทอง (N2) (Shut down)
Measurement Date : May 04 - 05, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472126

Page 1 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	51.9	78.8	40.1
01:00 PM - 02:00 PM	50.3	75.1	39.5
02:00 PM - 03:00 PM	50.0	76.7	39.3
03:00 PM - 04:00 PM	49.6	75.5	40.3
04:00 PM - 05:00 PM	53.0	76.6	43.3
05:00 PM - 06:00 PM	48.7	73.9	40.1
06:00 PM - 07:00 PM	50.6	76.6	39.6
07:00 PM - 08:00 PM	52.3	74.9	39.5
08:00 PM - 09:00 PM	52.6	78.1	42.2
09:00 PM - 10:00 PM	51.8	75.8	46.1
10:00 PM - 10:05 PM	49.6	65.4	45.0
10:05 PM - 10:10 PM	47.8	64.3	44.4
10:10 PM - 10:15 PM	47.6	61.8	43.8
10:15 PM - 10:20 PM	45.9	59.7	43.9
10:20 PM - 10:25 PM	50.3	71.2	43.8
10:25 PM - 10:30 PM	46.9	59.9	44.2
10:30 PM - 10:35 PM	45.4	57.2	43.0
10:35 PM - 10:40 PM	44.9	51.8	42.5
10:40 PM - 10:45 PM	47.5	61.7	43.4
10:45 PM - 10:50 PM	46.1	59.8	43.8
10:50 PM - 10:55 PM	46.6	62.2	43.7
10:55 PM - 11:00 PM	47.7	66.2	43.6
11:00 PM - 11:05 PM	45.7	54.2	44.5
11:05 PM - 11:10 PM	47.3	62.5	45.6
11:10 PM - 11:15 PM	47.1	60.1	45.8
11:15 PM - 11:20 PM	47.1	62.3	45.8
11:20 PM - 11:25 PM	46.4	69.0	45.7
11:25 PM - 11:30 PM	47.1	58.0	46.0
11:30 PM - 11:35 PM	47.8	60.0	45.8
11:35 PM - 11:40 PM	46.8	63.2	44.8
11:40 PM - 11:45 PM	45.8	59.2	44.5
11:45 PM - 11:50 PM	45.6	54.8	44.1
11:50 PM - 11:55 PM	45.6	59.2	44.1
11:55 PM - 12:00 AM	47.2	63.6	43.8
12:00 AM - 12:05 AM	45.4	48.9	44.3
12:05 AM - 12:10 AM	45.4	49.8	44.3
12:10 AM - 12:15 AM	43.8	48.7	42.5
12:15 AM - 12:20 AM	45.7	57.1	42.8
12:20 AM - 12:25 AM	44.1	50.1	42.6
12:25 AM - 12:30 AM	50.1	68.3	42.8

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



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
234/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651822-1

P/O :
Project Name : Nongyai
Project Location :

2338637-13

Sample No. : 2338637-13
Parameter : Noise
Location : หมู่ 4 บ้านหนองกลาง ตำบลวังทอง (N2) (Shut down)
Measurement Date : May 04 - 05, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00472126

Page 2 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	43.4	46.6	42.3
12:35 AM - 12:40 AM	43.9	52.1	42.5
12:40 AM - 12:45 AM	43.4	50.0	41.9
12:45 AM - 12:50 AM	43.9	49.6	40.9
12:50 AM - 12:55 AM	45.1	53.6	43.2
12:55 AM - 01:00 AM	44.4	52.1	42.7
01:00 AM - 01:05 AM	44.1	50.7	42.6
01:05 AM - 01:10 AM	44.7	57.4	42.5
01:10 AM - 01:15 AM	46.1	60.3	42.8
01:15 AM - 01:20 AM	44.2	51.8	41.1
01:20 AM - 01:25 AM	43.6	47.2	41.6
01:25 AM - 01:30 AM	43.8	55.2	42.2
01:30 AM - 01:35 AM	44.0	56.0	42.4
01:35 AM - 01:40 AM	44.3	57.5	42.4
01:40 AM - 01:45 AM	47.7	64.3	42.9
01:45 AM - 01:50 AM	45.3	64.5	42.9
01:50 AM - 01:55 AM	43.3	52.0	41.1
01:55 AM - 02:00 AM	45.2	59.7	42.2
02:00 AM - 02:05 AM	46.0	56.0	41.6
02:05 AM - 02:10 AM	42.7	52.3	41.1
02:10 AM - 02:15 AM	44.1	55.4	41.7
02:15 AM - 02:20 AM	43.6	53.9	41.7
02:20 AM - 02:25 AM	43.5	54.2	41.2
02:25 AM - 02:30 AM	42.4	54.8	39.8
02:30 AM - 02:35 AM	43.4	51.0	41.9
02:35 AM - 02:40 AM	43.4	49.1	42.0
02:40 AM - 02:45 AM	42.9	49.2	41.5
02:45 AM - 02:50 AM	42.2	47.0	41.0
02:50 AM - 02:55 AM	43.4	56.2	41.1
02:55 AM - 03:00 AM	42.3	47.9	40.1
03:00 AM - 03:05 AM	43.3	49.3	41.7
03:05 AM - 03:10 AM	43.5	48.2	42.1
03:10 AM - 03:15 AM	43.1	48.2	41.8
03:15 AM - 03:20 AM	42.2	46.0	41.2
03:20 AM - 03:25 AM	42.5	47.1	41.5
03:25 AM - 03:30 AM	42.9	48.1	41.7
03:30 AM - 03:35 AM	43.4	48.4	41.4
03:35 AM - 03:40 AM	43.2	48.0	42.3
03:40 AM - 03:45 AM	43.3	47.0	42.5
03:45 AM - 03:50 AM	43.2	47.2	42.3

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651823-1

Page 3 of 3

Sample No. 2338637-13
Parameter Noise
Location หมู่ 4 ถนนพหลโยธิน ตำบลบางพลีใหญ่ (N2) (Shut down)
Measurement Date May 04 - 05, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	43.3	45.8	42.4
03:55 AM - 04:00 AM	45.0	58.1	43.3
04:00 AM - 04:05 AM	44.0	48.4	42.9
04:05 AM - 04:10 AM	44.3	57.6	43.2
04:10 AM - 04:15 AM	43.9	49.5	42.3
04:15 AM - 04:20 AM	44.3	51.7	43.2
04:20 AM - 04:25 AM	44.1	48.3	43.0
04:25 AM - 04:30 AM	44.1	46.7	43.4
04:30 AM - 04:35 AM	43.8	46.5	42.9
04:35 AM - 04:40 AM	44.3	48.3	43.4
04:40 AM - 04:45 AM	44.4	47.4	43.5
04:45 AM - 04:50 AM	44.6	47.2	43.7
04:50 AM - 04:55 AM	43.6	48.6	42.0
04:55 AM - 05:00 AM	43.2	47.0	42.2
05:00 AM - 05:05 AM	43.3	45.7	42.4
05:05 AM - 05:10 AM	43.3	49.8	42.3
05:10 AM - 05:15 AM	43.4	46.8	42.5
05:15 AM - 05:20 AM	42.7	49.2	41.5
05:20 AM - 05:25 AM	42.5	50.4	41.3
05:25 AM - 05:30 AM	42.6	50.1	40.4
05:30 AM - 05:35 AM	42.6	52.5	41.1
05:35 AM - 05:40 AM	42.4	54.0	40.9
05:40 AM - 05:45 AM	42.9	49.1	41.2
05:45 AM - 05:50 AM	43.1	48.8	41.5
05:50 AM - 05:55 AM	42.9	48.9	41.7
05:55 AM - 06:00 AM	42.9	48.6	41.6
06:00 AM - 07:00 AM	43.4	60.5	41.6
07:00 AM - 08:00 AM	47.9	74.3	42.0
08:00 AM - 09:00 AM	50.2	75.0	42.7
09:00 AM - 10:00 AM	54.6	84.0	41.9
10:00 AM - 11:00 AM	48.8	73.2	40.4
11:00 AM - 12:00 PM	55.7	79.5	41.9

Reference Method :

- ISO 1996-1
- ประกาศกระทรวงสาธารณสุข เรื่อง วิธีการวัดระดับเสียงและเกณฑ์มาตรฐาน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากกิจกรรมการจราจร พ.ศ. 2553

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Approved by

Witawan Borirak
Manager

Witawan Borirak

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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651823-1

Page 1 of 3

Sample No. 2338637-14
Parameter Noise
Location หมู่ 4 ถนนพหลโยธิน ตำบลบางพลีใหญ่ (N2) (Shut down)
Measurement Date May 05 - 06, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	51.9	79.6	41.5
01:00 PM - 02:00 PM	50.7	73.5	41.1
02:00 PM - 03:00 PM	53.4	80.0	39.0
03:00 PM - 04:00 PM	51.3	74.7	40.2
04:00 PM - 05:00 PM	55.4	82.0	43.6
05:00 PM - 06:00 PM	51.7	75.6	41.3
06:00 PM - 07:00 PM	50.7	75.2	42.0
07:00 PM - 08:00 PM	51.2	76.5	41.2
08:00 PM - 09:00 PM	51.1	76.7	42.6
09:00 PM - 10:00 PM	49.9	72.4	45.0
10:00 PM - 10:05 PM	48.3	58.2	43.9
10:05 PM - 10:10 PM	48.2	51.3	42.7
10:10 PM - 10:15 PM	44.4	51.3	42.7
10:15 PM - 10:20 PM	44.9	61.1	42.5
10:20 PM - 10:25 PM	43.7	56.0	42.1
10:25 PM - 10:30 PM	44.6	49.7	42.8
10:30 PM - 10:35 PM	44.2	49.7	42.3
10:35 PM - 10:40 PM	46.2	66.2	42.4
10:40 PM - 10:45 PM	45.2	48.6	42.3
10:45 PM - 10:50 PM	45.2	60.0	43.0
10:50 PM - 10:55 PM	44.7	50.4	43.1
10:55 PM - 11:00 PM	44.0	50.1	42.5
11:00 PM - 11:05 PM	43.6	49.3	42.3
11:05 PM - 11:10 PM	44.1	49.6	42.6
11:10 PM - 11:15 PM	44.7	60.7	42.1
11:15 PM - 11:20 PM	46.3	60.4	43.3
11:20 PM - 11:25 PM	45.3	57.9	42.8
11:25 PM - 11:30 PM	46.5	59.1	43.3
11:30 PM - 11:35 PM	46.0	60.1	43.9
11:35 PM - 11:40 PM	46.1	58.0	44.6
11:40 PM - 11:45 PM	46.3	54.5	44.3
11:45 PM - 11:50 PM	47.2	63.6	43.9
11:50 PM - 11:55 PM	46.0	57.7	43.6
11:55 PM - 12:00 AM	47.3	63.0	43.8
12:00 AM - 12:05 AM	46.7	50.0	45.0
12:05 AM - 12:10 AM	46.3	49.9	44.2
12:10 AM - 12:15 AM	46.5	50.7	43.9
12:15 AM - 12:20 AM	45.4	54.3	41.5
12:20 AM - 12:25 AM	44.6	55.2	41.6
12:25 AM - 12:30 AM	44.6	50.9	41.4

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651823-1

Page 2 of 3

Sample No. 2338637-14

Parameter Noise

Location หมู่ 4 บ้านหนองกลาง ตำบลท่าสูง (N2) (Shut down)

Measurement Date May 05 - 06, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	44.1	50.7	40.3
12:35 AM - 12:40 AM	43.9	52.0	40.0
12:40 AM - 12:45 AM	44.9	55.1	41.7
12:45 AM - 12:50 AM	43.7	49.2	41.9
12:50 AM - 12:55 AM	44.1	51.0	42.1
12:55 AM - 01:00 AM	59.7	82.2	41.7
01:00 AM - 01:05 AM	44.4	50.6	42.6
01:05 AM - 01:10 AM	44.3	50.5	42.3
01:10 AM - 01:15 AM	45.1	58.7	42.0
01:15 AM - 01:20 AM	45.2	60.1	41.1
01:20 AM - 01:25 AM	43.6	52.3	41.7
01:25 AM - 01:30 AM	43.0	48.1	41.6
01:30 AM - 01:35 AM	44.2	63.2	41.7
01:35 AM - 01:40 AM	43.6	53.2	41.8
01:40 AM - 01:45 AM	43.5	52.6	41.9
01:45 AM - 01:50 AM	42.3	53.0	42.2
01:50 AM - 01:55 AM	45.3	63.2	41.5
01:55 AM - 02:00 AM	43.6	53.1	41.6
02:00 AM - 02:05 AM	43.4	53.5	41.6
02:05 AM - 02:10 AM	43.2	50.9	41.4
02:10 AM - 02:15 AM	51.0	66.3	41.4
02:15 AM - 02:20 AM	46.0	66.6	41.3
02:20 AM - 02:25 AM	43.9	50.6	42.0
02:25 AM - 02:30 AM	43.7	50.3	42.2
02:30 AM - 02:35 AM	44.0	50.7	42.3
02:35 AM - 02:40 AM	44.1	58.8	41.9
02:40 AM - 02:45 AM	43.3	53.6	41.4
02:45 AM - 02:50 AM	43.6	50.4	41.3
02:50 AM - 02:55 AM	43.4	51.2	41.6
02:55 AM - 03:00 AM	44.3	58.3	41.9
03:00 AM - 03:05 AM	43.0	50.8	41.2
03:05 AM - 03:10 AM	42.6	50.4	41.3
03:10 AM - 03:15 AM	42.7	47.0	41.2
03:15 AM - 03:20 AM	42.3	46.7	41.0
03:20 AM - 03:25 AM	42.4	46.2	41.0
03:25 AM - 03:30 AM	42.2	47.2	40.9
03:30 AM - 03:35 AM	42.2	47.3	40.8
03:35 AM - 03:40 AM	42.5	53.3	42.5
03:40 AM - 03:45 AM	43.3	53.3	41.2
03:45 AM - 03:50 AM	42.4	48.2	40.9

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Approved by

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651823-1

Page 3 of 3

Sample No. 2338637-14

Parameter Noise

Location หมู่ 4 บ้านหนองกลาง ตำบลท่าสูง (N2) (Shut down)

Measurement Date May 05 - 06, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00472126

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	42.6	46.7	41.5
03:55 AM - 04:00 AM	44.5	60.1	42.0
04:00 AM - 04:05 AM	43.2	48.7	41.7
04:05 AM - 04:10 AM	42.7	56.1	41.0
04:10 AM - 04:15 AM	44.5	57.8	41.6
04:15 AM - 04:20 AM	49.3	67.7	42.0
04:20 AM - 04:25 AM	46.2	66.6	42.5
04:25 AM - 04:30 AM	43.3	53.2	41.6
04:30 AM - 04:35 AM	44.4	56.3	42.2
04:35 AM - 04:40 AM	43.3	51.1	41.6
04:40 AM - 04:45 AM	43.1	51.0	41.9
04:45 AM - 04:50 AM	43.1	52.0	41.6
04:50 AM - 04:55 AM	42.6	53.3	41.1
04:55 AM - 05:00 AM	42.4	51.7	41.4
05:00 AM - 05:05 AM	42.6	52.0	41.3
05:05 AM - 05:10 AM	42.1	52.4	40.7
05:10 AM - 05:15 AM	42.4	53.4	40.8
05:15 AM - 05:20 AM	43.1	54.2	41.9
05:20 AM - 05:25 AM	42.5	49.1	41.5
05:25 AM - 05:30 AM	42.3	48.3	41.5
05:30 AM - 05:35 AM	41.8	45.2	40.9
05:35 AM - 05:40 AM	41.9	44.6	40.8
05:40 AM - 05:45 AM	41.8	44.6	40.5
05:45 AM - 05:50 AM	41.9	47.9	40.8
05:50 AM - 05:55 AM	42.3	45.2	41.5
05:55 AM - 06:00 AM	42.5	45.5	41.6
06:00 AM - 07:00 AM	43.0	61.6	41.2
07:00 AM - 08:00 AM	46.5	68.5	42.6
08:00 AM - 09:00 AM	52.4	76.6	43.9
09:00 AM - 10:00 AM	54.6	79.2	43.6
10:00 AM - 11:00 AM	52.8	77.1	41.5
11:00 AM - 12:00 PM	51.8	77.4	40.8

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดมลพิษในบริเวณรอบ โรงงาน และชุมชนซึ่งอยู่ติดจากโรงงานตามกฎหมาย พ.ศ. 2553

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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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651824-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. : 2338637-15
Parameter : Noise
Location : หมู่ 3 บ้านใหม่ ต.บางพลายใหญ่ (N3) (Shut down)
Measurement Date : Apr 29 - 30, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00734225

Page 1 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.5	74.0	47.2
11:00 AM - 12:00 PM	53.7	75.5	41.2
12:00 PM - 01:00 PM	48.8	73.8	39.1
01:00 PM - 02:00 PM	51.7	69.0	42.1
02:00 PM - 03:00 PM	60.4	93.2	48.3
03:00 PM - 04:00 PM	60.0	83.1	54.8
04:00 PM - 05:00 PM	59.2	78.5	52.3
05:00 PM - 06:00 PM	58.4	74.9	51.3
06:00 PM - 07:00 PM	49.2	64.0	44.6
07:00 PM - 08:00 PM	49.6	67.2	46.6
08:00 PM - 09:00 PM	49.4	78.3	46.8
09:00 PM - 10:00 PM	45.8	63.6	44.2
10:00 PM - 10:05 PM	44.6	50.2	42.6
10:05 PM - 10:10 PM	44.8	50.2	43.4
10:10 PM - 10:15 PM	47.3	61.3	44.9
10:15 PM - 10:20 PM	46.3	54.4	44.0
10:20 PM - 10:25 PM	45.1	53.0	43.2
10:25 PM - 10:30 PM	44.9	51.7	43.3
10:30 PM - 10:35 PM	45.3	49.5	43.6
10:35 PM - 10:40 PM	46.6	54.6	44.5
10:40 PM - 10:45 PM	44.5	52.7	43.1
10:45 PM - 10:50 PM	44.5	48.4	43.4
10:50 PM - 10:55 PM	44.7	49.5	43.5
10:55 PM - 11:00 PM	44.5	48.6	43.4
11:00 PM - 11:05 PM	45.8	50.4	44.9
11:05 PM - 11:10 PM	45.3	48.1	44.5
11:10 PM - 11:15 PM	44.8	48.3	43.5
11:15 PM - 11:20 PM	45.6	51.7	45.9
11:20 PM - 11:25 PM	44.6	45.7	43.7
11:25 PM - 11:30 PM	44.6	48.1	43.6
11:30 PM - 11:35 PM	44.5	51.0	43.5
11:35 PM - 11:40 PM	44.2	47.1	43.3
11:40 PM - 11:45 PM	44.0	48.1	43.2
11:45 PM - 11:50 PM	49.3	67.0	43.4
11:50 PM - 11:55 PM	45.7	59.9	43.3
11:55 PM - 12:00 AM	43.5	51.2	41.9
12:00 AM - 12:05 AM	37.6	41.4	34.9
12:05 AM - 12:10 AM	40.1	52.3	35.2
12:10 AM - 12:15 AM	38.2	44.2	36.7
12:15 AM - 12:20 AM	38.6	43.1	37.7

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Approved by

Wilawan Borirak

Wilawan Borirak
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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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651824-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. : 2338637-15
Parameter : Noise
Location : หมู่ 3 บ้านใหม่ ต.บางพลายใหญ่ (N3) (Shut down)
Measurement Date : Apr 29 - 30, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00734225

Page 2 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	40.4	46.2	37.2
12:25 AM - 12:30 AM	49.2	51.4	46.5
12:30 AM - 12:35 AM	45.1	49.9	40.7
12:35 AM - 12:40 AM	37.6	47.0	35.7
12:40 AM - 12:45 AM	35.4	44.3	34.1
12:45 AM - 12:50 AM	35.4	44.7	33.5
12:50 AM - 12:55 AM	37.3	39.6	36.5
12:55 AM - 01:00 AM	36.9	39.8	36.2
01:00 AM - 01:05 AM	43.0	46.2	42.3
01:05 AM - 01:10 AM	41.7	46.0	40.6
01:10 AM - 01:15 AM	42.3	47.3	41.2
01:15 AM - 01:20 AM	42.0	48.4	41.2
01:20 AM - 01:25 AM	42.0	51.6	40.6
01:25 AM - 01:30 AM	43.5	50.9	41.2
01:30 AM - 01:35 AM	42.9	46.2	41.0
01:35 AM - 01:40 AM	40.6	45.4	38.9
01:40 AM - 01:45 AM	43.8	49.3	43.0
01:45 AM - 01:50 AM	42.9	50.1	41.0
01:50 AM - 01:55 AM	41.5	50.8	40.3
01:55 AM - 02:00 AM	41.7	46.2	40.9
02:00 AM - 02:05 AM	41.8	48.2	41.1
02:05 AM - 02:10 AM	41.9	50.0	41.2
02:10 AM - 02:15 AM	41.8	47.2	40.7
02:15 AM - 02:20 AM	42.6	46.6	41.7
02:20 AM - 02:25 AM	42.3	53.9	41.7
02:25 AM - 02:30 AM	42.9	47.3	41.9
02:30 AM - 02:35 AM	42.5	49.0	41.5
02:35 AM - 02:40 AM	43.8	54.6	41.6
02:40 AM - 02:45 AM	42.9	47.8	42.2
02:45 AM - 02:50 AM	47.3	62.0	41.8
02:50 AM - 02:55 AM	44.8	56.4	42.2
02:55 AM - 03:00 AM	53.1	66.9	43.5
03:00 AM - 03:05 AM	50.1	64.5	41.6
03:05 AM - 03:10 AM	44.7	63.6	39.7
03:10 AM - 03:15 AM	44.5	66.9	41.5
03:15 AM - 03:20 AM	43.3	49.2	41.6
03:20 AM - 03:25 AM	43.8	61.9	42.5
03:25 AM - 03:30 AM	41.9	50.4	39.9
03:30 AM - 03:35 AM	43.1	49.8	41.1
03:35 AM - 03:40 AM	54.7	66.6	42.5

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TESTING
No.0042

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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651825-1

Page 2 of 3

Sample No. 2338637-16
Parameter Noise
Location หมู่ 3 ถนนพหลโยธิน (N3) (Shut down)
Measurement Date Apr 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	38.5	43.7	37.6
12:25 AM - 12:30 AM	38.1	43.4	37.1
12:30 AM - 12:35 AM	38.5	41.6	37.6
12:35 AM - 12:40 AM	38.2	42.0	37.4
12:40 AM - 12:45 AM	38.6	40.5	38.0
12:45 AM - 12:50 AM	39.0	42.7	38.3
12:50 AM - 12:55 AM	39.1	42.2	38.3
12:55 AM - 01:00 AM	39.1	43.2	38.4
01:00 AM - 01:05 AM	45.6	49.7	45.6
01:05 AM - 01:10 AM	46.6	59.5	45.4
01:10 AM - 01:15 AM	47.3	57.0	45.6
01:15 AM - 01:20 AM	47.2	49.9	46.4
01:20 AM - 01:25 AM	47.0	49.6	46.3
01:25 AM - 01:30 AM	47.3	51.3	46.6
01:30 AM - 01:35 AM	47.3	53.1	46.4
01:35 AM - 01:40 AM	48.0	52.8	47.0
01:40 AM - 01:45 AM	47.1	50.6	46.1
01:45 AM - 01:50 AM	46.6	49.8	45.7
01:50 AM - 01:55 AM	47.2	58.4	45.8
01:55 AM - 02:00 AM	47.2	50.4	46.6
02:00 AM - 02:05 AM	47.2	50.4	46.6
02:05 AM - 02:10 AM	47.4	50.3	46.9
02:10 AM - 02:15 AM	47.4	49.9	46.8
02:15 AM - 02:20 AM	47.7	51.1	46.9
02:20 AM - 02:25 AM	47.6	50.1	46.5
02:25 AM - 02:30 AM	47.3	52.0	46.6
02:30 AM - 02:35 AM	47.6	53.9	46.5
02:35 AM - 02:40 AM	48.2	54.7	47.1
02:40 AM - 02:45 AM	47.9	50.8	47.2
02:45 AM - 02:50 AM	48.1	50.1	47.4
02:50 AM - 02:55 AM	48.0	58.5	47.4
02:55 AM - 03:00 AM	51.5	64.0	47.4
03:00 AM - 03:05 AM	49.8	62.6	47.3
03:05 AM - 03:10 AM	48.6	58.6	47.5
03:10 AM - 03:15 AM	48.0	51.4	47.3
03:15 AM - 03:20 AM	48.0	51.5	47.2
03:20 AM - 03:25 AM	48.4	61.0	47.4
03:25 AM - 03:30 AM	49.6	59.3	46.9
03:30 AM - 03:35 AM	48.1	57.3	37.2
03:35 AM - 03:40 AM	49.7	57.9	43.0

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651825-1

Page 3 of 3

Sample No. 2338637-16
Parameter Noise
Location หมู่ 3 ถนนพหลโยธิน (N3) (Shut down)
Measurement Date Apr 30 - May 01, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	49.2	58.6	39.6
03:45 AM - 03:50 AM	49.2	56.2	43.6
03:50 AM - 03:55 AM	48.6	57.7	41.7
03:55 AM - 04:00 AM	49.1	57.4	42.2
04:00 AM - 04:05 AM	57.5	65.2	49.5
04:05 AM - 04:10 AM	52.1	66.8	45.4
04:10 AM - 04:15 AM	46.3	52.5	45.2
04:15 AM - 04:20 AM	46.8	52.4	45.4
04:20 AM - 04:25 AM	45.5	50.6	44.3
04:25 AM - 04:30 AM	53.1	65.0	44.7
04:30 AM - 04:35 AM	50.9	58.7	44.6
04:35 AM - 04:40 AM	56.3	59.3	55.0
04:40 AM - 04:45 AM	52.8	60.2	46.7
04:45 AM - 04:50 AM	57.3	75.8	44.5
04:50 AM - 04:55 AM	58.6	77.6	45.0
04:55 AM - 05:00 AM	52.2	69.8	44.9
05:00 AM - 05:05 AM	61.8	81.9	45.9
05:05 AM - 05:10 AM	54.1	72.6	45.5
05:10 AM - 05:15 AM	52.8	68.1	45.8
05:15 AM - 05:20 AM	52.6	68.1	45.5
05:20 AM - 05:25 AM	50.4	63.7	44.0
05:25 AM - 05:30 AM	54.1	70.0	46.1
05:30 AM - 05:35 AM	54.0	68.3	45.8
05:35 AM - 05:40 AM	55.1	71.8	46.8
05:40 AM - 05:45 AM	55.0	74.7	45.7
05:45 AM - 05:50 AM	54.3	71.7	44.9
05:50 AM - 05:55 AM	58.1	72.9	44.2
05:55 AM - 06:00 AM	59.1	80.3	44.7
06:00 AM - 07:00 AM	55.1	74.9	44.6
07:00 AM - 08:00 AM	53.0	77.3	41.0
08:00 AM - 09:00 AM	54.7	74.7	49.8
09:00 AM - 10:00 AM	52.5	71.9	45.5

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดมลพิษในบริเวณรอบ โรงงาน และชุมชนซึ่งอยู่ติดกันจากบริเวณโรงงาน พ.ศ. 2553

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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: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651826-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. 2338637-17

Parameter Noise
Location หมู่ 3 บ้านใหม่ ต.หนองไผ่ล้อม (N3) (Shut down)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.9	74.5	47.4
11:00 AM - 12:00 PM	51.2	81.8	41.4
12:00 PM - 01:00 PM	51.1	73.2	40.0
01:00 PM - 02:00 PM	52.5	77.5	44.5
02:00 PM - 03:00 PM	52.0	70.9	46.6
03:00 PM - 04:00 PM	52.7	75.5	43.0
04:00 PM - 05:00 PM	59.2	75.8	50.9
05:00 PM - 06:00 PM	55.7	73.0	50.4
06:00 PM - 07:00 PM	49.1	67.6	45.8
07:00 PM - 08:00 PM	48.0	62.5	44.7
08:00 PM - 09:00 PM	45.6	69.3	43.3
09:00 PM - 10:00 PM	46.4	68.6	43.7
10:00 PM - 10:05 PM	43.6	51.2	41.8
10:05 PM - 10:10 PM	49.2	65.8	41.2
10:10 PM - 10:15 PM	42.2	51.1	40.4
10:15 PM - 10:20 PM	41.9	48.1	40.7
10:20 PM - 10:25 PM	41.6	45.0	40.8
10:25 PM - 10:30 PM	45.3	48.3	43.9
10:30 PM - 10:35 PM	45.1	48.1	44.2
10:35 PM - 10:40 PM	45.1	52.1	43.4
10:40 PM - 10:45 PM	42.4	47.2	42.6
10:45 PM - 10:50 PM	44.5	48.5	43.1
10:50 PM - 10:55 PM	44.6	47.6	43.5
10:55 PM - 11:00 PM	43.2	48.3	44.2
11:00 PM - 11:05 PM	45.0	50.7	44.0
11:05 PM - 11:10 PM	45.8	48.9	44.2
11:10 PM - 11:15 PM	53.2	53.2	45.7
11:15 PM - 11:20 PM	46.3	51.9	45.3
11:20 PM - 11:25 PM	46.2	50.0	45.3
11:25 PM - 11:30 PM	46.7	60.4	45.4
11:30 PM - 11:35 PM	46.4	52.7	45.4
11:35 PM - 11:40 PM	45.7	48.2	44.6
11:40 PM - 11:45 PM	48.3	44.6	44.6
11:45 PM - 11:50 PM	45.6	51.9	44.7
11:50 PM - 11:55 PM	47.3	57.4	45.2
11:55 PM - 12:00 AM	46.0	50.0	45.1
12:00 AM - 12:05 AM	42.4	45.7	40.3
12:05 AM - 12:10 AM	40.9	47.1	39.6
12:10 AM - 12:15 AM	40.3	46.5	38.7
12:15 AM - 12:20 AM	40.9	49.1	39.8

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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: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651826-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. 2338637-17

Parameter Noise
Location หมู่ 3 บ้านใหม่ ต.หนองไผ่ล้อม (N3) (Shut down)
Measurement Date May 01 - 02, 2023
Measurement by Panuwat Wangbong
Sound Level Meter 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	41.9	51.4	39.2
12:25 AM - 12:30 AM	39.7	42.0	38.7
12:30 AM - 12:35 AM	43.4	57.7	38.5
12:35 AM - 12:40 AM	43.6	58.5	38.7
12:40 AM - 12:45 AM	39.8	44.3	38.6
12:45 AM - 12:50 AM	39.6	44.4	38.5
12:50 AM - 12:55 AM	39.9	43.2	38.8
12:55 AM - 01:00 AM	41.0	54.5	39.3
01:00 AM - 01:05 AM	42.2	45.5	41.0
01:05 AM - 01:10 AM	42.5	44.9	41.7
01:10 AM - 01:15 AM	56.9	77.3	42.5
01:15 AM - 01:20 AM	43.4	53.3	42.4
01:20 AM - 01:25 AM	43.5	46.1	42.8
01:25 AM - 01:30 AM	43.3	52.1	42.4
01:30 AM - 01:35 AM	42.9	47.5	41.7
01:35 AM - 01:40 AM	44.3	61.4	41.2
01:40 AM - 01:45 AM	44.4	49.9	42.9
01:45 AM - 01:50 AM	44.8	49.8	43.3
01:50 AM - 01:55 AM	44.6	53.5	42.5
01:55 AM - 02:00 AM	43.8	47.2	41.8
02:00 AM - 02:05 AM	46.3	56.7	43.9
02:05 AM - 02:10 AM	45.3	51.7	44.0
02:10 AM - 02:15 AM	44.9	53.3	43.4
02:15 AM - 02:20 AM	44.4	49.2	42.2
02:20 AM - 02:25 AM	43.7	49.0	41.6
02:25 AM - 02:30 AM	43.0	49.3	41.5
02:30 AM - 02:35 AM	43.5	53.1	41.9
02:35 AM - 02:40 AM	48.3	48.7	41.4
02:40 AM - 02:45 AM	45.1	51.9	43.0
02:45 AM - 02:50 AM	44.9	52.4	43.0
02:50 AM - 02:55 AM	43.8	57.2	42.2
02:55 AM - 03:00 AM	45.7	52.8	43.9
03:00 AM - 03:05 AM	45.0	52.9	43.0
03:05 AM - 03:10 AM	46.8	54.9	43.5
03:10 AM - 03:15 AM	44.9	51.0	43.2
03:15 AM - 03:20 AM	46.8	55.7	44.7
03:20 AM - 03:25 AM	45.9	57.2	44.0
03:25 AM - 03:30 AM	47.3	62.8	44.8
03:30 AM - 03:35 AM	46.3	54.3	44.2
03:35 AM - 03:40 AM	46.4	58.5	35.0

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651827-1

Page 3 of 3

2338637-17

Sample No. : Noise
Parameter :
Location : หมู่ 3 บ้านใหม่ ตำบลหนองไผ่แก้ว (N3) (Shut down)
Measurement Date : May 01 - 02, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	48.7	62.1	41.7
03:45 AM - 03:50 AM	47.6	56.5	38.2
03:50 AM - 03:55 AM	47.4	55.4	41.2
03:55 AM - 04:00 AM	48.9	58.0	41.6
04:00 AM - 04:05 AM	58.7	67.5	49.5
04:05 AM - 04:10 AM	57.9	65.4	43.1
04:10 AM - 04:15 AM	45.2	52.2	42.7
04:15 AM - 04:20 AM	45.8	55.2	41.6
04:20 AM - 04:25 AM	44.5	52.6	41.5
04:25 AM - 04:30 AM	58.1	76.7	43.5
04:30 AM - 04:35 AM	57.1	66.4	48.3
04:35 AM - 04:40 AM	55.9	65.5	53.3
04:40 AM - 04:45 AM	54.7	77.9	48.3
04:45 AM - 04:50 AM	53.7	78.4	46.5
04:50 AM - 04:55 AM	53.2	67.6	44.7
04:55 AM - 05:00 AM	55.4	73.8	46.7
05:00 AM - 05:05 AM	61.7	81.6	46.1
05:05 AM - 05:10 AM	56.7	75.9	44.9
05:10 AM - 05:15 AM	56.0	66.0	45.1
05:15 AM - 05:20 AM	52.7	66.8	44.8
05:20 AM - 05:25 AM	50.7	62.7	44.4
05:25 AM - 05:30 AM	56.2	72.0	45.0
05:30 AM - 05:35 AM	56.1	71.1	43.7
05:35 AM - 05:40 AM	51.7	64.9	42.9
05:40 AM - 05:45 AM	51.7	64.7	44.1
05:45 AM - 05:50 AM	56.2	74.2	44.2
05:50 AM - 05:55 AM	61.2	75.6	46.5
05:55 AM - 06:00 AM	51.9	68.9	45.0
06:00 AM - 07:00 AM	53.8	77.3	44.8
07:00 AM - 08:00 AM	53.0	71.4	41.7
08:00 AM - 09:00 AM	59.5	75.7	53.6
09:00 AM - 10:00 AM	52.6	77.6	44.9

Reference Method :

- ISO 1996-1
- มาตรฐานการควบคุมเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่คาดการณ์จากผลการสำรวจ พ.ศ. 2553

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651827-1

Page 1 of 3

2338637-18

Sample No. : Noise
Parameter :
Location : หมู่ 3 บ้านใหม่ ตำบลหนองไผ่แก้ว (N3) (Shut down)
Measurement Date : May 02 - 03, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.7	72.8	42.0
11:00 AM - 12:00 PM	48.9	68.1	40.1
12:00 PM - 01:00 PM	51.9	68.2	43.6
01:00 PM - 02:00 PM	52.8	71.9	45.6
02:00 PM - 03:00 PM	55.3	84.9	43.9
03:00 PM - 04:00 PM	55.0	74.7	43.0
04:00 PM - 05:00 PM	56.7	85.1	49.8
05:00 PM - 06:00 PM	56.2	68.7	51.2
06:00 PM - 07:00 PM	57.5	65.3	45.3
07:00 PM - 08:00 PM	48.5	68.1	45.5
08:00 PM - 09:00 PM	50.3	70.7	46.1
09:00 PM - 10:00 PM	47.9	72.1	45.8
10:00 PM - 10:05 PM	44.0	55.1	42.5
10:05 PM - 10:10 PM	46.4	59.5	42.8
10:10 PM - 10:15 PM	45.4	53.6	42.5
10:15 PM - 10:20 PM	44.1	51.5	42.1
10:20 PM - 10:25 PM	43.2	53.2	41.4
10:25 PM - 10:30 PM	45.1	51.4	42.9
10:30 PM - 10:35 PM	44.0	52.9	41.9
10:35 PM - 10:40 PM	43.7	49.9	42.6
10:40 PM - 10:45 PM	44.1	48.6	42.5
10:45 PM - 10:50 PM	44.1	48.8	42.8
10:50 PM - 10:55 PM	44.5	49.3	42.8
10:55 PM - 11:00 PM	44.7	51.3	43.3
11:00 PM - 11:05 PM	44.6	50.6	43.0
11:05 PM - 11:10 PM	45.3	53.4	43.8
11:10 PM - 11:15 PM	45.6	50.0	44.2
11:15 PM - 11:20 PM	45.9	55.9	43.6
11:20 PM - 11:25 PM	47.0	55.7	43.6
11:25 PM - 11:30 PM	46.4	57.4	43.0
11:30 PM - 11:35 PM	46.6	53.9	43.3
11:35 PM - 11:40 PM	46.5	51.7	44.4
11:40 PM - 11:45 PM	46.4	52.7	44.7
11:45 PM - 11:50 PM	45.5	48.9	44.2
11:50 PM - 11:55 PM	45.3	56.7	43.2
11:55 PM - 12:00 AM	43.0	46.8	41.5
12:00 AM - 12:05 AM	42.3	47.8	40.9
12:05 AM - 12:10 AM	40.8	45.3	38.9
12:10 AM - 12:15 AM	41.4	47.6	39.4
12:15 AM - 12:20 AM	40.7	47.2	38.8

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651827-1

Page 2 of 3

Sample No. 2338637-18

Parameter Noise

Location หมู่ 3 ถนนพหลโยธิน (N3) (Shut down)

Measurement Date May 02 - 03, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	40.6	44.6	39.1
12:25 AM - 12:30 AM	41.0	47.8	38.2
12:30 AM - 12:35 AM	43.7	54.8	39.4
12:35 AM - 12:40 AM	45.0	54.2	42.7
12:40 AM - 12:45 AM	43.2	49.8	39.9
12:45 AM - 12:50 AM	42.1	47.0	40.1
12:50 AM - 12:55 AM	40.5	48.0	37.5
12:55 AM - 01:00 AM	43.9	52.7	39.9
01:00 AM - 01:05 AM	42.8	48.8	40.1
01:05 AM - 01:10 AM	41.7	51.8	39.5
01:10 AM - 01:15 AM	42.4	49.6	39.5
01:15 AM - 01:20 AM	41.3	47.6	39.5
01:20 AM - 01:25 AM	40.0	46.5	38.7
01:25 AM - 01:30 AM	39.9	45.6	38.8
01:30 AM - 01:35 AM	39.6	47.2	38.3
01:35 AM - 01:40 AM	39.7	44.9	38.5
01:40 AM - 01:45 AM	40.7	46.8	39.5
01:45 AM - 01:50 AM	42.2	52.7	39.2
01:50 AM - 01:55 AM	41.7	45.7	39.9
01:55 AM - 02:00 AM	41.3	47.1	39.6
02:00 AM - 02:05 AM	44.5	52.7	41.2
02:05 AM - 02:10 AM	44.9	50.9	42.4
02:10 AM - 02:15 AM	43.9	49.1	41.9
02:15 AM - 02:20 AM	44.5	58.2	41.4
02:20 AM - 02:25 AM	44.4	49.6	42.1
02:25 AM - 02:30 AM	44.0	48.8	41.5
02:30 AM - 02:35 AM	44.0	50.8	41.7
02:35 AM - 02:40 AM	44.5	53.5	41.9
02:40 AM - 02:45 AM	44.7	52.0	42.8
02:45 AM - 02:50 AM	43.9	50.2	42.4
02:50 AM - 02:55 AM	44.6	49.9	42.6
02:55 AM - 03:00 AM	49.5	61.9	43.4
03:00 AM - 03:05 AM	46.2	60.7	41.9
03:05 AM - 03:10 AM	45.1	59.3	41.5
03:10 AM - 03:15 AM	45.0	52.3	42.3
03:15 AM - 03:20 AM	44.4	50.1	42.3
03:20 AM - 03:25 AM	45.4	50.3	43.4
03:25 AM - 03:30 AM	47.1	57.1	43.6
03:30 AM - 03:35 AM	46.1	53.7	43.8
03:35 AM - 03:40 AM	48.6	60.4	44.6

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Life Sciences

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651827-1

Page 3 of 3

Sample No. 2338637-18

Parameter Noise

Location หมู่ 3 ถนนพหลโยธิน (N3) (Shut down)

Measurement Date May 02 - 03, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	48.6	58.8	37.8
03:45 AM - 03:50 AM	51.1	59.0	44.3
03:50 AM - 03:55 AM	50.7	58.8	41.2
03:55 AM - 04:00 AM	50.2	58.9	45.1
04:00 AM - 04:05 AM	56.5	66.8	50.0
04:05 AM - 04:10 AM	56.3	63.7	50.7
04:10 AM - 04:15 AM	55.4	65.7	44.3
04:15 AM - 04:20 AM	44.9	54.2	42.6
04:20 AM - 04:25 AM	46.0	53.7	42.7
04:25 AM - 04:30 AM	53.8	70.2	43.9
04:30 AM - 04:35 AM	58.9	64.5	55.6
04:35 AM - 04:40 AM	61.0	78.0	52.6
04:40 AM - 04:45 AM	61.0	81.4	48.2
04:45 AM - 04:50 AM	62.1	79.9	46.3
04:50 AM - 04:55 AM	59.7	75.8	47.0
04:55 AM - 05:00 AM	59.5	83.8	47.6
05:00 AM - 05:05 AM	56.8	71.7	47.2
05:05 AM - 05:10 AM	57.2	72.5	45.6
05:10 AM - 05:15 AM	56.3	70.4	46.2
05:15 AM - 05:20 AM	54.7	69.6	45.5
05:20 AM - 05:25 AM	53.8	68.8	44.7
05:25 AM - 05:30 AM	53.5	66.6	46.4
05:30 AM - 05:35 AM	53.1	69.5	45.4
05:35 AM - 05:40 AM	54.0	67.0	44.7
05:40 AM - 05:45 AM	55.2	72.3	45.5
05:45 AM - 05:50 AM	62.4	76.8	47.1
05:50 AM - 05:55 AM	58.4	77.0	43.8
05:55 AM - 06:00 AM	56.6	73.6	44.8
06:00 AM - 07:00 AM	55.1	77.3	43.4
07:00 AM - 08:00 AM	53.1	72.5	42.2
08:00 AM - 09:00 AM	53.6	73.9	43.1
09:00 AM - 10:00 AM	53.9	76.5	47.4

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดมลพิษในบริเวณรอบชุมชนเมืองฉบับ 24 ธันวาคม และฉบับปรับปรุง(โดยการประกาศกรมการโรงงาน พ.ศ. 2553)

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Life Sciences

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Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
234/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651828-1

P/O :
Project Name : Nongyai
Project Location :

2338637-19

Sample No. : 2338637-19
Parameter : Noise
Location : หมู่ 3 บ้านใหม่ ต.หนองไผ่ล้อม (N3) (Shut down)
Measurement Date : May 03 - 04, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.5	74.2	41.5
11:00 AM - 12:00 PM	51.4	81.5	39.3
12:00 PM - 01:00 PM	54.7	73.7	51.6
01:00 PM - 02:00 PM	58.1	85.4	54.5
02:00 PM - 03:00 PM	54.7	76.2	47.3
03:00 PM - 04:00 PM	52.5	72.7	45.8
04:00 PM - 05:00 PM	56.9	71.2	50.2
05:00 PM - 06:00 PM	56.4	68.4	50.9
06:00 PM - 07:00 PM	48.2	65.0	45.0
07:00 PM - 08:00 PM	47.8	65.5	45.2
08:00 PM - 09:00 PM	49.1	78.0	46.5
09:00 PM - 10:00 PM	45.9	62.9	44.1
10:00 PM - 10:05 PM	44.7	51.5	43.1
10:05 PM - 10:10 PM	45.1	49.3	43.4
10:10 PM - 10:15 PM	46.4	54.4	44.3
10:15 PM - 10:20 PM	44.3	52.5	42.9
10:20 PM - 10:25 PM	44.2	48.2	43.2
10:25 PM - 10:30 PM	44.5	49.3	43.3
10:30 PM - 10:35 PM	46.1	50.2	45.0
10:35 PM - 10:40 PM	44.3	47.8	43.3
10:40 PM - 10:45 PM	44.2	50.7	43.2
10:45 PM - 10:50 PM	43.9	46.8	43.0
10:50 PM - 10:55 PM	43.7	47.8	42.9
10:55 PM - 11:00 PM	49.0	66.7	43.1
11:00 PM - 11:05 PM	45.5	48.6	43.9
11:05 PM - 11:10 PM	46.4	52.9	45.4
11:10 PM - 11:15 PM	45.0	51.6	45.0
11:15 PM - 11:20 PM	45.9	49.7	45.0
11:20 PM - 11:25 PM	46.4	60.1	45.1
11:25 PM - 11:30 PM	46.1	52.4	45.1
11:30 PM - 11:35 PM	45.4	47.9	44.3
11:35 PM - 11:40 PM	45.4	48.0	44.3
11:40 PM - 11:45 PM	45.3	51.6	44.4
11:45 PM - 11:50 PM	47.0	57.1	44.9
11:50 PM - 11:55 PM	45.7	49.7	44.8
11:55 PM - 12:00 AM	45.0	48.3	42.9
12:00 AM - 12:05 AM	41.6	47.8	40.3
12:05 AM - 12:10 AM	41.0	47.2	39.4
12:10 AM - 12:15 AM	41.6	49.8	40.5
12:15 AM - 12:20 AM	42.6	52.1	39.9

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Wibb.

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



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
234/115 26TH Fl. Italthai Tower, New Petchburi Road, Bangkok, Huaykwang, Bangkok
Thailand 10310

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651828-1

P/O :
Project Name : Nongyai
Project Location :

2338637-19

Sample No. : 2338637-19
Parameter : Noise
Location : หมู่ 3 บ้านใหม่ ต.หนองไผ่ล้อม (N3) (Shut down)
Measurement Date : May 03 - 04, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	40.4	42.7	39.4
12:25 AM - 12:30 AM	44.1	58.4	39.2
12:30 AM - 12:35 AM	44.3	59.2	39.4
12:35 AM - 12:40 AM	40.3	45.0	39.3
12:40 AM - 12:45 AM	40.3	45.1	39.2
12:45 AM - 12:50 AM	40.6	43.9	39.5
12:50 AM - 12:55 AM	41.7	55.2	40.0
12:55 AM - 01:00 AM	40.0	43.3	38.8
01:00 AM - 01:05 AM	42.2	44.6	41.4
01:05 AM - 01:10 AM	56.6	77.0	42.2
01:10 AM - 01:15 AM	43.1	53.0	42.1
01:15 AM - 01:20 AM	43.2	45.8	42.5
01:20 AM - 01:25 AM	43.0	51.8	42.1
01:25 AM - 01:30 AM	42.6	47.2	41.4
01:30 AM - 01:35 AM	44.0	61.1	40.9
01:35 AM - 01:40 AM	44.1	49.6	42.6
01:40 AM - 01:45 AM	44.5	49.5	43.0
01:45 AM - 01:50 AM	44.3	53.2	42.2
01:50 AM - 01:55 AM	43.5	46.9	41.5
01:55 AM - 02:00 AM	46.0	56.4	43.6
02:00 AM - 02:05 AM	41.4	45.9	40.6
02:05 AM - 02:10 AM	41.5	47.9	40.8
02:10 AM - 02:15 AM	41.6	49.7	40.9
02:15 AM - 02:20 AM	41.5	46.9	40.4
02:20 AM - 02:25 AM	42.3	46.3	41.4
02:25 AM - 02:30 AM	42.0	53.6	41.4
02:30 AM - 02:35 AM	42.6	47.0	41.6
02:35 AM - 02:40 AM	42.2	48.7	41.2
02:40 AM - 02:45 AM	43.5	54.3	41.3
02:45 AM - 02:50 AM	42.6	47.5	41.9
02:50 AM - 02:55 AM	47.0	61.7	41.5
02:55 AM - 03:00 AM	44.5	56.1	41.9
03:00 AM - 03:05 AM	52.8	66.6	43.2
03:05 AM - 03:10 AM	49.8	64.2	41.3
03:10 AM - 03:15 AM	44.4	63.3	39.4
03:15 AM - 03:20 AM	44.2	66.6	41.2
03:20 AM - 03:25 AM	43.0	48.9	41.3
03:25 AM - 03:30 AM	41.6	61.6	42.2
03:30 AM - 03:35 AM	41.6	50.1	39.6
03:35 AM - 03:40 AM	42.8	49.5	40.8

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651828-1

Page 3 of 3

Sample No. 2338637-19

Parameter Noise

Location หมู่ 3 บ้านใหม่ ตำบลหนองไผ่แก้ว (N3) (Shut down)

Measurement Date May 03 - 04, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	54.4	66.3	42.2
03:45 AM - 03:50 AM	58.7	67.2	51.5
03:50 AM - 03:55 AM	57.4	66.0	47.6
03:55 AM - 04:00 AM	58.2	64.4	52.8
04:00 AM - 04:05 AM	57.7	73.2	51.0
04:05 AM - 04:10 AM	56.9	72.2	45.3
04:10 AM - 04:15 AM	56.0	70.1	45.9
04:15 AM - 04:20 AM	54.4	69.3	45.2
04:20 AM - 04:25 AM	53.5	68.5	44.4
04:25 AM - 04:30 AM	53.2	66.3	46.1
04:30 AM - 04:35 AM	52.8	69.2	45.1
04:35 AM - 04:40 AM	53.7	66.7	44.4
04:40 AM - 04:45 AM	54.9	72.0	45.2
04:45 AM - 04:50 AM	62.1	76.5	46.8
04:50 AM - 04:55 AM	58.1	76.7	43.5
04:55 AM - 05:00 AM	56.3	73.3	44.5
05:00 AM - 05:05 AM	58.4	72.8	44.9
05:05 AM - 05:10 AM	57.5	72.8	43.1
05:10 AM - 05:15 AM	57.2	72.1	42.6
05:15 AM - 05:20 AM	52.8	67.9	44.9
05:20 AM - 05:25 AM	53.4	68.8	43.3
05:25 AM - 05:30 AM	55.6	77.0	42.7
05:30 AM - 05:35 AM	55.3	66.8	44.0
05:35 AM - 05:40 AM	51.4	66.4	42.9
05:40 AM - 05:45 AM	51.8	63.9	41.8
05:45 AM - 05:50 AM	51.9	70.3	41.3
05:50 AM - 05:55 AM	50.7	70.0	41.4
05:55 AM - 06:00 AM	52.8	66.2	42.6
06:00 AM - 07:00 AM	52.8	72.2	41.9
07:00 AM - 08:00 AM	59.6	75.5	52.5
08:00 AM - 09:00 AM	55.0	87.8	46.3
09:00 AM - 10:00 AM	61.9	84.2	57.8

Reference Method :

- ISO 1996-1
- มาตรฐานการควบคุมเสียงรบกวน ระดับเสียงเฉลี่ย 24 ชั่วโมง และระดับเสียงสูงสุดที่เกิดจากการประกอบกิจการงาน พ.ศ. 2553

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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

P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651829-1

Page 1 of 3

Sample No. 2338637-20

Parameter Noise

Location หมู่ 3 บ้านใหม่ ตำบลหนองไผ่แก้ว (N3) (Shut down)

Measurement Date May 04 - 05, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	63.9	92.2	58.1
11:00 AM - 12:00 PM	59.3	79.6	56.6
12:00 PM - 01:00 PM	61.3	82.1	58.1
01:00 PM - 02:00 PM	57.9	77.3	51.7
02:00 PM - 03:00 PM	61.3	93.8	48.9
03:00 PM - 04:00 PM	60.1	82.8	54.9
04:00 PM - 05:00 PM	58.9	78.2	52.0
05:00 PM - 06:00 PM	58.1	74.6	51.0
06:00 PM - 07:00 PM	48.3	63.7	44.3
07:00 PM - 08:00 PM	49.3	66.9	46.3
08:00 PM - 09:00 PM	45.9	69.0	43.7
09:00 PM - 10:00 PM	46.1	68.3	43.2
10:00 PM - 10:05 PM	45.5	49.3	44.1
10:05 PM - 10:10 PM	44.7	49.6	43.8
10:10 PM - 10:15 PM	45.2	54.2	43.4
10:15 PM - 10:20 PM	45.6	53.1	43.3
10:20 PM - 10:25 PM	54.4	45.0	45.0
10:25 PM - 10:30 PM	52.4	44.4	44.4
10:30 PM - 10:35 PM	45.4	54.3	43.6
10:35 PM - 10:40 PM	45.1	51.3	43.9
10:40 PM - 10:45 PM	44.8	48.2	44.0
10:45 PM - 10:50 PM	44.8	48.0	43.6
10:50 PM - 10:55 PM	45.0	47.8	43.9
10:55 PM - 11:00 PM	44.8	51.8	43.1
11:00 PM - 11:05 PM	43.9	46.9	42.3
11:05 PM - 11:10 PM	44.2	48.2	42.8
11:10 PM - 11:15 PM	44.3	47.3	43.2
11:15 PM - 11:20 PM	44.4	48.0	42.9
11:20 PM - 11:25 PM	44.7	50.4	43.7
11:25 PM - 11:30 PM	44.9	51.4	43.7
11:30 PM - 11:35 PM	44.6	53.0	43.1
11:35 PM - 11:40 PM	44.1	48.9	41.9
11:40 PM - 11:45 PM	43.4	48.7	41.3
11:45 PM - 11:50 PM	42.7	49.0	41.2
11:50 PM - 11:55 PM	43.2	52.8	41.6
11:55 PM - 12:00 AM	45.0	49.1	44.4
12:00 AM - 12:05 AM	41.8	49.7	39.9
12:05 AM - 12:10 AM	41.4	52.7	39.4
12:10 AM - 12:15 AM	40.7	44.6	39.7
12:15 AM - 12:20 AM	40.2	42.6	39.3

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



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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651829-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. : 2338637-20
Parameter : Noise
Location : หมู่ 3 ถนนพหลโยธิน (N3) (Shut down)
Measurement Date : May 04 - 05, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00734225

Page 2 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	40.5	45.7	39.6
12:25 AM - 12:30 AM	40.1	45.4	39.1
12:30 AM - 12:35 AM	40.5	43.6	39.6
12:35 AM - 12:40 AM	40.2	44.0	39.4
12:40 AM - 12:45 AM	40.6	42.5	40.0
12:45 AM - 12:50 AM	41.0	44.7	40.3
12:50 AM - 12:55 AM	41.1	44.2	40.3
12:55 AM - 01:00 AM	41.1	45.2	40.4
01:00 AM - 01:05 AM	46.2	49.4	45.3
01:05 AM - 01:10 AM	46.3	59.2	45.1
01:10 AM - 01:15 AM	47.0	56.7	45.3
01:15 AM - 01:20 AM	46.9	49.6	46.1
01:20 AM - 01:25 AM	46.7	49.3	46.0
01:25 AM - 01:30 AM	47.0	51.0	46.3
01:30 AM - 01:35 AM	47.0	52.8	46.1
01:35 AM - 01:40 AM	47.2	52.5	46.7
01:40 AM - 01:45 AM	46.8	50.3	45.8
01:45 AM - 01:50 AM	46.3	49.5	45.4
01:50 AM - 01:55 AM	46.9	58.1	45.5
01:55 AM - 02:00 AM	47.1	50.1	46.3
02:00 AM - 02:05 AM	46.9	50.1	46.3
02:05 AM - 02:10 AM	47.3	50.0	46.6
02:10 AM - 02:15 AM	47.1	49.6	46.5
02:15 AM - 02:20 AM	47.4	50.8	46.6
02:20 AM - 02:25 AM	47.0	49.8	46.2
02:25 AM - 02:30 AM	47.3	51.7	46.3
02:30 AM - 02:35 AM	47.3	53.6	46.2
02:35 AM - 02:40 AM	47.9	54.4	46.8
02:40 AM - 02:45 AM	47.6	50.5	46.9
02:45 AM - 02:50 AM	47.8	49.8	47.1
02:50 AM - 02:55 AM	47.7	58.2	47.1
02:55 AM - 03:00 AM	51.2	63.7	47.1
03:00 AM - 03:05 AM	49.5	62.3	47.0
03:05 AM - 03:10 AM	48.3	58.3	47.2
03:10 AM - 03:15 AM	47.7	51.1	47.0
03:15 AM - 03:20 AM	47.7	51.2	46.9
03:20 AM - 03:25 AM	48.1	60.7	47.1
03:25 AM - 03:30 AM	49.3	59.0	46.6
03:30 AM - 03:35 AM	47.8	57.0	36.9
03:35 AM - 03:40 AM	49.4	57.6	42.7

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Approved by

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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: 2338637
Date Received : May 08, 2023
Date Reported : May 15, 2023
Report No. : 2651829-1

P/O :
Project Name : Nongyai
Project Location :

Sample No. : 2338637-20
Parameter : Noise
Location : หมู่ 3 ถนนพหลโยธิน (N3) (Shut down)
Measurement Date : May 04 - 05, 2023
Measurement by : Panuwat Wangbong
Sound Level Meter : 00734225

Page 3 of 3

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	48.9	58.3	39.3
03:45 AM - 03:50 AM	48.9	55.9	43.3
03:50 AM - 03:55 AM	48.3	57.4	41.4
03:55 AM - 04:00 AM	48.3	57.1	41.9
04:00 AM - 04:05 AM	58.1	65.8	50.1
04:05 AM - 04:10 AM	52.7	67.4	46.0
04:10 AM - 04:15 AM	46.9	53.1	45.8
04:15 AM - 04:20 AM	47.4	53.0	46.0
04:20 AM - 04:25 AM	46.1	51.2	44.9
04:25 AM - 04:30 AM	53.7	65.6	45.3
04:30 AM - 04:35 AM	51.5	59.3	45.2
04:35 AM - 04:40 AM	56.9	59.9	55.6
04:40 AM - 04:45 AM	53.4	60.8	47.3
04:45 AM - 04:50 AM	57.9	76.4	45.1
04:50 AM - 04:55 AM	59.2	78.2	45.6
04:55 AM - 05:00 AM	51.9	69.5	44.6
05:00 AM - 05:05 AM	50.5	67.1	43.1
05:05 AM - 05:10 AM	53.4	67.0	44.6
05:10 AM - 05:15 AM	53.6	68.6	44.3
05:15 AM - 05:20 AM	55.1	75.3	45.0
05:20 AM - 05:25 AM	55.3	78.7	42.7
05:25 AM - 05:30 AM	53.5	71.3	44.2
05:30 AM - 05:35 AM	54.5	77.2	44.2
05:35 AM - 05:40 AM	52.0	68.4	44.0
05:40 AM - 05:45 AM	51.0	67.5	42.5
05:45 AM - 05:50 AM	52.9	65.9	44.3
05:50 AM - 05:55 AM	54.5	69.8	42.5
05:55 AM - 06:00 AM	52.0	67.5	43.3
06:00 AM - 07:00 AM	52.8	72.7	43.6
07:00 AM - 08:00 AM	51.5	75.3	42.4
08:00 AM - 09:00 AM	51.6	71.8	44.5
09:00 AM - 10:00 AM	54.6	76.2	43.2

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจวัดมลพิษในบริเวณรอบ โรงงาน และชุมชนซึ่งอยู่ติดจากโรงงานอุตสาหกรรม พ.ศ. 2553

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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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651830-1

Page 1 of 3

Sample No.
2338637-21

Parameter
Noise

Location
พื้ 3 ชั้นบนสุด อาคารพาณิชย์ (N3) (Shut down)

Measurement Date
May 05 - 06, 2023

Measurement by
Panuwat Wangbong

Sound Level Meter
00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.3	74.5	44.7
11:00 AM - 12:00 PM	53.4	75.2	40.9
12:00 PM - 01:00 PM	48.5	73.5	38.8
01:00 PM - 02:00 PM	52.5	71.7	43.5
02:00 PM - 03:00 PM	55.0	84.6	43.6
03:00 PM - 04:00 PM	54.7	74.4	42.7
04:00 PM - 05:00 PM	57.2	84.8	49.5
05:00 PM - 06:00 PM	56.8	79.8	50.3
06:00 PM - 07:00 PM	51.7	70.8	48.9
07:00 PM - 08:00 PM	50.9	69.5	48.5
08:00 PM - 09:00 PM	48.5	54.4	47.6
09:00 PM - 10:00 PM	48.0	59.0	46.9
10:00 PM - 10:05 PM	43.7	47.9	42.8
10:05 PM - 10:10 PM	43.5	48.4	42.4
10:10 PM - 10:15 PM	43.5	46.8	42.5
10:15 PM - 10:20 PM	43.6	46.4	43.0
10:20 PM - 10:25 PM	47.4	47.4	42.6
10:25 PM - 10:30 PM	43.3	47.4	42.6
10:30 PM - 10:35 PM	43.6	47.1	42.6
10:35 PM - 10:40 PM	43.3	45.3	42.3
10:40 PM - 10:45 PM	43.3	48.1	42.4
10:45 PM - 10:50 PM	46.5	51.0	45.5
10:50 PM - 10:55 PM	46.0	51.7	45.2
10:55 PM - 11:00 PM	45.8	49.6	45.2
11:00 PM - 11:05 PM	45.4	51.5	44.8
11:05 PM - 11:10 PM	46.1	50.6	45.2
11:10 PM - 11:15 PM	46.1	53.0	45.2
11:15 PM - 11:20 PM	45.8	49.5	45.0
11:20 PM - 11:25 PM	45.3	48.7	44.4
11:25 PM - 11:30 PM	44.9	48.2	44.0
11:30 PM - 11:35 PM	45.3	51.4	44.7
11:35 PM - 11:40 PM	46.0	52.3	44.9
11:40 PM - 11:45 PM	45.7	49.6	44.7
11:45 PM - 11:50 PM	45.5	49.6	44.6
11:50 PM - 11:55 PM	45.2	51.2	44.6
11:55 PM - 12:00 AM	43.0	48.4	41.1
12:00 AM - 12:05 AM	44.8	51.6	42.7
12:05 AM - 12:10 AM	44.6	52.1	42.7
12:10 AM - 12:15 AM	43.5	56.9	41.9
12:15 AM - 12:20 AM	45.4	52.5	43.6

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



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 : Nongyai
Project Location :

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651830-1

Page 2 of 3

Sample No.
2338637-21

Parameter
Noise

Location
พื้ 3 ชั้นบนสุด อาคารพาณิชย์ (N3) (Shut down)

Measurement Date
May 05 - 06, 2023

Measurement by
Panuwat Wangbong

Sound Level Meter
00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	44.7	52.6	43.7
12:25 AM - 12:30 AM	46.5	54.6	43.2
12:30 AM - 12:35 AM	44.6	50.7	42.9
12:35 AM - 12:40 AM	46.5	55.4	44.4
12:40 AM - 12:45 AM	45.6	56.9	43.7
12:45 AM - 12:50 AM	47.0	62.5	44.5
12:50 AM - 12:55 AM	46.0	54.0	43.9
12:55 AM - 01:00 AM	56.1	68.2	44.7
01:00 AM - 01:05 AM	50.4	63.8	43.4
01:05 AM - 01:10 AM	49.3	58.2	39.9
01:10 AM - 01:15 AM	49.1	57.1	42.9
01:15 AM - 01:20 AM	50.6	59.7	43.3
01:20 AM - 01:25 AM	50.4	59.2	41.2
01:25 AM - 01:30 AM	49.6	57.1	34.8
01:30 AM - 01:35 AM	36.9	43.9	34.4
01:35 AM - 01:40 AM	37.5	46.9	33.3
01:40 AM - 01:45 AM	36.2	44.3	33.2
01:45 AM - 01:50 AM	49.8	68.4	35.2
01:50 AM - 01:55 AM	48.8	58.1	40.0
01:55 AM - 02:00 AM	47.6	57.2	45.0
02:00 AM - 02:05 AM	46.4	69.6	40.0
02:05 AM - 02:10 AM	48.4	70.1	38.2
02:10 AM - 02:15 AM	44.9	59.3	36.4
02:15 AM - 02:20 AM	47.1	65.5	38.4
02:20 AM - 02:25 AM	53.4	73.3	37.8
02:25 AM - 02:30 AM	48.4	67.6	36.6
02:30 AM - 02:35 AM	45.6	57.7	36.8
02:35 AM - 02:40 AM	44.4	58.5	36.5
02:40 AM - 02:45 AM	42.4	54.4	36.1
02:45 AM - 02:50 AM	47.9	63.7	36.7
02:50 AM - 02:55 AM	47.8	62.8	35.4
02:55 AM - 03:00 AM	49.3	62.5	40.5
03:00 AM - 03:05 AM	49.3	62.3	41.7
03:05 AM - 03:10 AM	53.8	71.8	41.8
03:10 AM - 03:15 AM	58.8	73.2	44.1
03:15 AM - 03:20 AM	49.5	66.5	42.6
03:20 AM - 03:25 AM	49.0	72.0	41.0
03:25 AM - 03:30 AM	65.3	68.9	42.6
03:30 AM - 03:35 AM	51.4	71.6	41.4
03:35 AM - 03:40 AM	51.3	63.6	43.4

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



Analysis / Test Report

TESTING
No.0042

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. 11ththai Tower, New Petchburi Road, Bangkokpi, Huaykwang, Bangkok
Thailand 10310

P/O :
Project Name : Nongyai
Project Location :

Lot ID: 2338637
Date Received :May 08, 2023
Date Reported :May 15, 2023
Report No. : 2651830-1

Page 3 of 3

Sample No. 2338637-21

Parameter Noise

Location หมู่ 3 ตำบลบ้านสามทองจันทบุรี (N3) (Shut down)

Measurement Date May 05 - 06, 2023

Measurement by Panuwat Wangbong

Sound Level Meter 00734225

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	49.5	60.6	42.4
03:45 AM - 03:50 AM	51.3	65.3	42.8
03:50 AM - 03:55 AM	51.6	69.2	42.2
03:55 AM - 04:00 AM	51.9	74.9	44.0
04:00 AM - 04:05 AM	54.9	66.2	45.7
04:05 AM - 04:10 AM	53.8	70.5	45.5
04:10 AM - 04:15 AM	54.1	67.0	42.7
04:15 AM - 04:20 AM	55.1	69.1	41.8
04:20 AM - 04:25 AM	55.2	70.8	41.6
04:25 AM - 04:30 AM	50.3	68.5	40.7
04:30 AM - 04:35 AM	49.5	63.9	41.4
04:35 AM - 04:40 AM	51.4	63.6	41.9
04:40 AM - 04:45 AM	53.3	68.1	42.4
04:45 AM - 04:50 AM	51.3	67.4	39.4
04:50 AM - 04:55 AM	57.3	68.9	43.5
04:55 AM - 05:00 AM	54.7	70.5	43.1
05:00 AM - 05:05 AM	61.5	81.6	45.6
05:05 AM - 05:10 AM	53.8	72.3	45.2
05:10 AM - 05:15 AM	52.5	67.8	45.5
05:15 AM - 05:20 AM	52.3	67.8	45.2
05:20 AM - 05:25 AM	50.1	63.4	43.7
05:25 AM - 05:30 AM	53.8	69.7	45.8
05:30 AM - 05:35 AM	54.3	68.0	45.5
05:35 AM - 05:40 AM	54.8	71.5	46.5
05:40 AM - 05:45 AM	54.7	74.4	45.4
05:45 AM - 05:50 AM	54.0	71.4	44.6
05:50 AM - 05:55 AM	57.8	72.6	43.9
05:55 AM - 06:00 AM	58.8	80.0	44.4
06:00 AM - 07:00 AM	54.8	74.6	44.3
07:00 AM - 08:00 AM	52.7	77.0	40.7
08:00 AM - 09:00 AM	54.4	74.4	49.5
09:00 AM - 10:00 AM	52.2	71.6	45.2

Reference Method :

- ISO 1996-1
- ประกาศกรมโรงงานอุตสาหกรรม เรื่อง วิธีการตรวจสอบสิ่งแวดล้อมชุมชนและสิ่งแวดล้อม 24 ชั่วโมง และระบบเสียงต่อเนื่องเพื่อการประเมินผลกระทบทางโรงงาน พ.ศ. 2553

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Approved by

Wilawan Borirak
Manager

คุณภาพน้ำผิวดิน



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 : RJN-NY2021/01-007
Project Name : Nongyai
Project Location :

TESTING
No.0042
Lot ID: 2127702
Date Received : Mar 16, 2021
Date Reported : Mar 23, 2021
Report Number : 1921889-1

Page 1 of 8

Sample Number	2127702-1
Sample Date	Mar 16, 2021 9:45 AM
Sample Description	Surface Water
Location	คลองน้ำจืดหน้าหมู่บ้านแฟรี่ทาวน์ (SW1)
Date Analysis Commenced	Mar 16, 2021
Condition of Sample	Contained in two glass vials, one BOD bottle and five 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) Cadmium	mg/L	0.00005	0.0001	Not Detected	≤0.005	≤0.005	Based on APHA (2017), 3125	Bangkok
^(A) Copper	mg/L	0.00005	0.0001	0.0008	≤0.10	≤0.10	Based on APHA (2017), 3125	Bangkok
^(A) Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Based on APHA (2017), 3500-Cr (6)	Bangkok
^(A) Lead	mg/L	0.00005	0.0002	0.0008	≤0.05	≤0.05	Based on APHA (2017), 3125	Bangkok
^(A) Manganese	mg/L	0.00005	0.0001	11.0	≤1	≤1	Based on APHA (2017), 3125	Bangkok
^(A) Mercury	mg/L	0.0000003	0.0001	<0.0001	≤0.002	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
^(A) Nickel	mg/L	0.00005	0.0001	0.005	≤0.10	≤0.10	Based on APHA (2017), 3125	Bangkok
^(A) Zinc	mg/L	0.0001	0.005	0.008	≤1	≤1	Based on APHA (2017), 3125	Bangkok
Microbiological Testing								
^(A) Fecal Coliform	MPN/100mL	-	-	330.0	≤4000	No Standard	APHA (2017), 9221 E	Bangkok
^(A) Total Coliform	MPN/100mL	-	-	490.0	≤20000	No Standard	APHA (2017), 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	1.13	≤0.5	≤0.5	Based on APHA (2017), 4500-NH3 F	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	7	≤2	≤4	Based on APHA (2017), 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	2.2	≥4	≥2	Based on APHA (2017), 4500-O(C)	Rayong
Nitrate as N *	mg/L	0.015	0.05	<0.05	≤5	≤5	Based on APHA (2017), 4500-NO3(E)	Rayong
pH at 25 degree C	-	-	-	8.1	5.0-9.0	5.0-9.0	Based on APHA (2017), 4500-H (6)	Rayong
Temperature *	Degree C	-	-	26.9	(c)	(c)	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	768	No Standard	No Standard	Based on APHA (2017), 2540 C	Rayong

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15562-21/ ENML

S:\Reports\AU_2021\pt (3-49M)



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 : RJN-NY2021/01-007
Project Name : Nongyai
Project Location :

TESTING
No.0042
Lot ID: 2127702
Date Received : Mar 16, 2021
Date Reported : Mar 23, 2021
Report Number : 1921889-1

Page 2 of 8

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

Sampled By : Kosiin Khomwisat

Remark :
- Limit of Detection
- "LO" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.

The above results are valid only for the analyzed (tested) sample(s) as indicated in the Laboratory Report. The results are not to be used for any other purpose 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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Life Sciences

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15562-21/ ENML

S:\Reports\AU_2021\pt (3-49M)



Analysis / Test Report

TESTING

No.0042
Lot ID: 2127702

Date Received : Mar 16, 2021
Date Reported : Mar 23, 2021
Report Number : 1921889-1

Client : Rojana Industrial Park Public Co., Ltd.

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

Bangkok Thailand 10310

P/O : RJN-NY2021/01-007

Project Name : Nongyai

Project Location :

Sample Number 2127702-2

Sample Date Mar 16, 2021 10:15 AM

Sample Description Surface Water

Location คลองน้ำจันทน์ บริเวณจุดสูบน้ำทิ้ง (SW2)

Date Analysis Commenced Mar 16, 2021

Condition of Sample Contained in two glass vials, one BOD bottle and five 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) Cadmium	mg/L	0.00005	0.0001	0.0001	≤0.005	≤0.005	Based on APHA (2017), 3125	Bangkok
^(A) Copper	mg/L	0.00005	0.0001	0.007	≤0.10	≤0.10	Based on APHA (2017), 3125	Bangkok
^(A) Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Based on APHA (2017), 3500-Cr (6)	Bangkok
^(A) Lead	mg/L	0.00005	0.0002	0.003	≤0.05	≤0.05	Based on APHA (2017), 3125	Bangkok
^(A) Manganese	mg/L	0.00005	0.0001	16.3	≤1	≤1	Based on APHA (2017), 3125	Bangkok
^(A) Mercury	mg/L	0.0000003	0.0001	<0.0001	≤0.002	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
^(A) Nickel	mg/L	0.00005	0.0001	0.02	≤0.10	≤0.10	Based on APHA (2017), 3125	Bangkok
^(A) Zinc	mg/L	0.0001	0.005	0.03	≤1	≤1	Based on APHA (2017), 3125	Bangkok
Microbiological Testing								
^(A) Fecal Coliform	MPN/100mL	-	-	4900.0	≤4000	No Standard	APHA (2017), 9221 E	Bangkok
^(A) Total Coliform	MPN/100mL	-	-	33000.0	≤20000	No Standard	APHA (2017), 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	<0.05	≤0.5	≤0.5	Based on APHA (2017), 4500-NH3 F	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	45	≤2	≤4	Based on APHA (2017), 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	0.1	≥4	≥2	Based on APHA (2017), 4500-O(C)	Rayong
Nitrate as N *	mg/L	0.015	0.05	Not Detected	≤5	≤5	Based on APHA (2017), 4500-NO3(E)	Rayong
pH at 25 degree C	-	-	-	7.6	5.0-9.0	5.0-9.0	Based on APHA (2017), 4500-H (6)	Rayong
Temperature *	Degree C	-	-	26.8	(c)	(c)	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	626	No Standard	No Standard	Based on APHA (2017), 2540 C	Rayong

The above results are valid only for the analyzed sample(s) as indicated in the report. ALS Laboratory Group (Thailand) Co., Ltd. strongly recommends that this report is not reproduced except in full.

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N. Banphit

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Analysis / Test Report

TESTING

No.0042
Lot ID: 2127702

Date Received : Mar 16, 2021
Date Reported : Mar 23, 2021
Report Number : 1921889-1

Client : Rojana Industrial Park Public Co., Ltd.

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

Bangkok Thailand 10310

P/O : RJN-NY2021/01-007

Project Name : Nongyai

Project Location :

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

Sampled By : Kosiin Khomwisat

Remark :

- LOR : 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.

- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Ittalhai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310
P/O : RJN-NY2021/01-007
Project Name : Nongyai
Project Location :

TESTING
No.0042
Lot ID: 2127702
Date Received : Mar 16, 2021
Date Reported : Mar 23, 2021
Report Number : 1921889-1

Page 5 of 8

Sample Number 2127702-3
Sample Date Mar 16, 2021 10:48 AM
Sample Description Surface Water
Location คลองน้ำจันทน์ มัธยมวิภาวดีรังสิต (SW3)
Date Analysis Commenced Mar 16, 2021
Condition of Sample Contained in two glass vials, one BOD bottle and five 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) Cadmium	mg/L	0.00005	0.0001	Not Detected	≤0.005	≤0.005	Based on APHA (2017), 3125	Bangkok
^(A) Copper	mg/L	0.00005	0.0001	0.001	≤0.10	≤0.10	Based on APHA (2017), 3125	Bangkok
^(A) Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Based on APHA (2017), 3500-Cr (6)	Bangkok
^(A) Lead	mg/L	0.00005	0.0002	0.0007	≤0.05	≤0.05	Based on APHA (2017), 3125	Bangkok
^(A) Manganese	mg/L	0.00005	0.0001	14.5	≤1	≤1	Based on APHA (2017), 3125	Bangkok
^(A) Mercury	mg/L	0.0000003	0.0001	<0.0001	≤0.002	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
^(A) Nickel	mg/L	0.00005	0.0001	0.003	≤0.10	≤0.10	Based on APHA (2017), 3125	Bangkok
^(A) Zinc	mg/L	0.0001	0.005	0.008	≤1	≤1	Based on APHA (2017), 3125	Bangkok
Microbiological Testing								
^(A) Fecal Coliform	MPN/100mL	-	-	490.0	≤4000	No Standard	APHA (2017), 9221 E	Bangkok
^(A) Total Coliform	MPN/100mL	-	-	3300.0	≤20000	No Standard	APHA (2017), 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	<0.05	≤0.5	≤0.5	Based on APHA (2017), 4500-NH3 F	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	33	≤2	≤4	Based on APHA (2017), 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	1.0	≥4	≥2	Based on APHA (2017), 4500-O(C)	Rayong
Nitrate as N *	mg/L	0.015	0.05	0.07	≤5	≤5	Based on APHA (2017), 4500-NO3(E)	Rayong
pH at 25 degree C	-	-	-	7.6	5.0-9.0	5.0-9.0	Based on APHA (2017), 4500-H (6)	Rayong
Temperature *	Degree C	-	-	26.9	(c)	(c)	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	592	No Standard	No Standard	Based on APHA (2017), 2540 C	Rayong

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N. Banphit

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Ittalhai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310
P/O : RJN-NY2021/01-007
Project Name : Nongyai
Project Location :

TESTING
No.0042
Lot ID: 2127702
Date Received : Mar 16, 2021
Date Reported : Mar 23, 2021
Report Number : 1921889-1

Page 6 of 8

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

Sampled By : Kosiin Khomwisat

Remark :
- Limit of Detection
- "LO" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.

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Analysis / Test Report

TESTING

No.0042
Lot ID: 2127702

Date Received : Mar 16, 2021
Date Reported : Mar 23, 2021
Report Number : 1921889-1

Client : Rojana Industrial Park Public Co., Ltd.

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

Bangkok Thailand 10310

P/O : RJN-NY2021/01-007

Project Name : Nongyai

Project Location :

Page 7 of 8

Sample Number	2127702-4
Sample Date	Mar 16, 2021 9:31 AM
Sample Description	Surface Water
Location	พื้นที่สาธารณะ (SW4)
Date Analysis Commenced	Mar 16, 2021
Condition of Sample	Contained in two glass vials, one BOD bottle and five 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] Cadmium	mg/L	0.00005	0.0001	Not Detected	≤0.005	≤0.005	Based on APHA (2017), 3125	Bangkok
^[A] Copper	mg/L	0.00005	0.0001	0.01	≤0.10	≤0.10	Based on APHA (2017), 3125	Bangkok
^[A] Hexavalent Chromium	mg/L	0.003	0.01	<0.01	≤0.05	≤0.05	Based on APHA (2017), 3500-Cr (6)	Bangkok
^[A] Lead	mg/L	0.00005	0.0002	0.01	≤0.05	≤0.05	Based on APHA (2017), 3125	Bangkok
^[A] Manganese	mg/L	0.00005	0.0001	1.63	≤1	≤1	Based on APHA (2017), 3125	Bangkok
^[A] Mercury	mg/L	0.0000003	0.0001	<0.0001	≤0.002	≤0.002	Based on US EPA, Method 1631 Revision E	Bangkok
^[A] Nickel	mg/L	0.00005	0.0001	0.01	≤0.10	≤0.10	Based on APHA (2017), 3125	Bangkok
^[A] Zinc	mg/L	0.0001	0.005	0.03	≤1	≤1	Based on APHA (2017), 3125	Bangkok
Microbiological Testing								
^[A] Fecal Coliform	MPN/100mL	-	-	790.0	≤4000	No Standard	APHA (2017), 9221 E	Bangkok
^[A] Total Coliform	MPN/100mL	-	-	1300.0	≤20000	No Standard	APHA (2017), 9221 B	Bangkok
Water Testing								
Ammonia Nitrogen *	mg/L	0.02	0.05	1.46	≤0.5	≤0.5	Based on APHA (2017), 4500-NH3 F	Rayong
BOD (5 days at 20 Degree C) *	mg/L	-	2	12	≤2	≤4	Based on APHA (2017), 5210 B	Rayong
Dissolved Oxygen *	mg/L	-	0.1	2.5	≥4	≥2	Based on APHA (2017), 4500-O(C)	Rayong
Nitrate as N *	mg/L	0.015	0.05	Not Detected	≤5	≤5	Based on APHA (2017), 4500-NO3(E)	Rayong
pH at 25 degree C	-	-	-	7.6	5.0-9.0	5.0-9.0	Based on APHA (2017), 4500-H (6)	Rayong
Temperature *	Degree C	-	-	26.9	(c)	(c)	Based on APHA (2017), 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	354	No Standard	No Standard	Based on APHA (2017), 2540 C	Rayong

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Analysis / Test Report

TESTING

No.0042
Lot ID: 2127702

Date Received : Mar 16, 2021
Date Reported : Mar 23, 2021
Report Number : 1921889-1

Client : Rojana Industrial Park Public Co., Ltd.

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

Bangkok Thailand 10310

P/O : RJN-NY2021/01-007

Project Name : Nongyai

Project Location :

Page 8 of 8

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

Sampled By : Kosiin Khomwisat

Remark :
- LOR : 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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DSS Accreditation No. 0009.

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Ittalhai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310
P/O : RJN-NY2021/01-007
Project Name : Nongyai
Project Location :

Lot ID: 2127707

Date Received : Mar 16, 2021
Date Reported : Mar 29, 2021
Report Number : 1921898-1

Page 1 of 3

Sample Number	2127707-1
Sample Date	Mar 16, 2021 11:58 AM
Sample Description	Underground Water
Location	พื้นที่ 3 ไร่ทางซ้ายถนนพหลโยธิน (UW1)
Date Analysis Commenced	Mar 17, 2021
Condition of Sample	Contained in two glass vials and four 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								
Cadmium	mg/L	0.00005	0.0001	Not Detected	Not Detected	≤0.01	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.00005	0.0001	0.002	≤1.0	≤1.5	Based on APHA (2017), 3125	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	No Standard	No Standard	Based on APHA (2017), 3500-Cr (B)	Bangkok
Iron	mg/L	0.0001	0.001	0.62	≤0.5	≤1.0	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.00005	0.0002	<0.0002	Not Detected	≤0.05	Based on APHA (2017), 3125	Bangkok
Manganese	mg/L	0.00005	0.0001	0.01	≤0.3	≤0.5	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.0000003	0.0001	<0.0001	Not Detected	≤0.001	Based on US EPA, Method 1631 Revision E	Bangkok
Zinc	mg/L	0.0001	0.005	0.006	≤5	≤15	Based on APHA (2017), 3125	Bangkok
Water Testing								
Chloride as Cl	mg/L	0.5	1	10	≤250	≤600	Based on APHA (2017), 4500-Cl(B) Rayong	
Nitrate as NO3	mg/L	0.07	0.2	<0.20	≤45	≤45	Based on APHA (2017), 4500-NO3(E)	Rayong
Permanent Hardness as CaCO3 mg/L	-	1	1	<1	≤200	≤250	Based on APHA (2017), 2320 B	Bangkok
pH at 25 degree C	-	-	-	7.7	7.0-8.5	6.5-9.2	Based on APHA (2017), 4500-H (B)	Rayong
Total Alkalinity as CaCO3	mg/L	-	1	439	No Standard	No Standard	Based on APHA (2017), 2320 B	Bangkok
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	344	≤600	≤1200	Based on APHA (2017), 2540 C	Rayong
Total Hardness as CaCO3	mg/L	-	1	280	≤300	≤500	APHA (2017), 2340 C	Bangkok

Guideline : Notification of the Ministry of Natural Resource and Environment, dated March 24, B.E.2551 (2008), published in the Royal Government Gazette, Vol. 125, Part 85 D, dated May 21, B.E.2551 (2008).

(1) Suitable Allowance, (2) Maximum allowable.

Sampled By : Pithaya Thongtaeng

Remark :

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

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Approved by

D. Changchon

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Senior Manager

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Analysis / Test Report

Client : Rojana Industrial Park Public Co., Ltd.
2034/115 26TH Fl. Ittalhai Tower, New Petchburi Road, Bangkok, Huaykwang,
Bangkok Thailand 10310
P/O : RJN-NY2021/01-007
Project Name : Nongyai
Project Location :

Lot ID: 2127707

Date Received : Mar 16, 2021
Date Reported : Mar 29, 2021
Report Number : 1921898-1

Page 2 of 3

Sample Number	2127707-2
Sample Date	Mar 16, 2021 12:11 PM
Sample Description	Underground Water
Location	พื้นที่ 4 ไร่ทางขวาถนนพหลโยธิน (UW2)
Date Analysis Commenced	Mar 17, 2021
Condition of Sample	Contained in two glass vials and four 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								
Cadmium	mg/L	0.00005	0.0001	Not Detected	Not Detected	≤0.01	Based on APHA (2017), 3125	Bangkok
Copper	mg/L	0.00005	0.0001	0.005	≤1.0	≤1.5	Based on APHA (2017), 3125	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	No Standard	No Standard	Based on APHA (2017), 3500-Cr (B)	Bangkok
Iron	mg/L	0.0001	0.001	0.67	≤0.5	≤1.0	Based on APHA (2017), 3125	Bangkok
Lead	mg/L	0.00005	0.0002	0.0009	Not Detected	≤0.05	Based on APHA (2017), 3125	Bangkok
Manganese	mg/L	0.00005	0.0001	0.08	≤0.3	≤0.5	Based on APHA (2017), 3125	Bangkok
Mercury	mg/L	0.0000003	0.0001	<0.0001	Not Detected	≤0.001	Based on US EPA, Method 1631 Revision E	Bangkok
Zinc	mg/L	0.0001	0.005	0.15	≤5	≤15	Based on APHA (2017), 3125	Bangkok
Water Testing								
Chloride as Cl	mg/L	0.5	1	7	≤250	≤600	Based on APHA (2017), 4500-Cl(B) Rayong	
Nitrate as NO3	mg/L	0.07	0.2	Not Detected	≤45	≤45	Based on APHA (2017), 4500-NO3(E)	Rayong
Permanent Hardness as CaCO3 mg/L	-	1	1	<1	≤200	≤250	Based on APHA (2017), 2320 B	Bangkok
pH at 25 degree C	-	-	-	7.7	7.0-8.5	6.5-9.2	Based on APHA (2017), 4500-H (B)	Rayong
Total Alkalinity as CaCO3	mg/L	-	1	289	No Standard	No Standard	Based on APHA (2017), 2320 B	Bangkok
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	352	≤600	≤1200	Based on APHA (2017), 2540 C	Rayong
Total Hardness as CaCO3	mg/L	-	1	217	≤300	≤500	APHA (2017), 2340 C	Bangkok

Guideline : Notification of the Ministry of Natural Resource and Environment, dated March 24, B.E.2551 (2008), published in the Royal Government Gazette, Vol. 125, Part 85 D, dated May 21, B.E.2551 (2008).

(1) Suitable Allowance, (2) Maximum allowable.

Sampled By : Pithaya Thongtaeng

Remark :

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Approved by

D. Changchon

Dej Changchon
Senior Manager

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15562-21/ EML

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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 : RJN-NY2021/01-007
Project Name : Nongyai
Project Location :
Lot ID: 2127707
Date Received : Mar 16, 2021
Date Reported : Mar 29, 2021
Report Number : 1921898-1

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Sample Number	2127707-3	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Sample Date	Mar 16, 2021 11:04 AM								
Sample Description	Underground Water								
Location	พื้นที่ 4 ไร่ตามแนวรั้ว ต.นาบ่อคำ อ.บ้านนาสาร จ.สุราษฎร์ธานี (UW3)								
Date Analysis Commenced	Mar 17, 2021								
Condition of Sample	Contained in two glass vials and four 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									
Cadmium	mg/L	0.00005	0.0001	Not Detected	Not Detected	≤0.01	Based on APHA (2017), 3125	Bangkok	
Copper	mg/L	0.00005	0.0001	0.0010	≤1.0	≤1.5	Based on APHA (2017), 3125	Bangkok	
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	No Standard	No Standard	Based on APHA (2017), 3500-Cr (6)	Bangkok	
Iron	mg/L	0.0001	0.001	0.06	≤0.5	≤1.0	Based on APHA (2017), 3125	Bangkok	
Lead	mg/L	0.00005	0.0002	Not Detected	Not Detected	≤0.05	Based on APHA (2017), 3125	Bangkok	
Manganese	mg/L	0.00005	0.0001	0.19	≤0.3	≤0.5	Based on APHA (2017), 3125	Bangkok	
Mercury	mg/L	0.0000003	0.0001	<0.0001	Not Detected	≤0.001	Based on US EPA, Method 1631 Revision E	Bangkok	
Zinc	mg/L	0.0001	0.005	<0.005	≤5	≤15	Based on APHA (2017), 3125	Bangkok	
Water Testing									
Chloride as Cl	mg/L	0.5	1	26	≤250	≤600	Based on APHA (2017), 4500-Cl(B) Rayong		
Nitrate as NO3	mg/L	0.07	0.2	<0.20	≤45	≤45	Based on APHA (2017), 4500-NO3(E)	Rayong	
Permanent Hardness as CaCO3 mg/L	-	1	24	24	≤200	≤250	Based on APHA (2017), 2320 B	Bangkok	
pH at 25 degree C	-	-	-	7.5	7.0-8.5	6.5-9.2	Based on APHA (2017), 4500-H (B)	Rayong	
Total Alkalinity as CaCO3 mg/L	-	1	186	186	No Standard	No Standard	Based on APHA (2017), 2320 B	Bangkok	
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	330	≤600	≤1200	Based on APHA (2017), 2540 C	Rayong	
Total Hardness as CaCO3 mg/L	-	1	210	210	≤300	≤500	APHA (2017), 2340 C	Bangkok	

Guideline : Notification of the Ministry of Natural Resource and Environment, dated March 24, B.E.2551 (2008), published in the Royal Government Gazette, Vol. 125, Part 85 D, dated May 21, B.E.2551 (2008).

(1) Suitable Allowance, (2) Maximum allowable.

Sampled By : Pithaya Thongtaeng

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

Approved by

D. Changchon

Dej Changchon
Senior Manager

The above results are valid only for the analyzed sample(s) as indicated in the Laboratory Report. The results are not to be used for any other purpose 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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