

ภาคผนวก ค

ผลการตรวจวัดคุณภาพสิ่งแวดล้อม

ภาคผนวก ค-1

คุณภาพอากาศในบรรยากาศโดยทั่วไป



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 1 of 28

Sample Number 2317234-1
Sampled Date Mar 07, 2023
Sample Description Air Quality
Location วัดปลวกเกิด (A3) (GPS 47P 0751366, 1400772)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	07/03/23 - 08/03/23	mg/m3	-	0.002	0.069	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	07/03/23 - 08/03/23	mg/m3	-	0.005	0.059	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	07/03/23 - 08/03/23	mg/m3	-	0.002	0.124	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 : Satcha Phetsawaeng

Remark :

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

Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 2 of 28

Sample Number 2317234-2
Sampled Date Mar 08, 2023
Sample Description Air Quality
Location วัดปลวกเกิด (A3) (GPS 47P 0751366, 1400772)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	08/03/23 - 09/03/23	mg/m3	-	0.002	0.043	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	08/03/23 - 09/03/23	mg/m3	-	0.005	0.038	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	08/03/23 - 09/03/23	mg/m3	-	0.002	0.089	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Satcha Phetsawaeng

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 3 of 28

Sample Number 2317234-3
Sampled Date Mar 09, 2023
Sample Description Air Quality
Location วัดปลวกเกิด (A3) (GPS 47P 0751366, 1400772)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	09/03/23 - 10/03/23	mg/m3	-	0.002	0.040	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	09/03/23 - 10/03/23	mg/m3	-	0.005	0.032	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	09/03/23 - 10/03/23	mg/m3	-	0.002	0.088	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Satcha Phetsawaeng

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 4 of 28

Sample Number 2317234-4
Sampled Date Mar 10, 2023
Sample Description Air Quality
Location วัดปลวกเกิด (A3) (GPS 47P 0751366, 1400772)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	10/03/23 - 11/03/23	mg/m3	-	0.002	0.035	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	10/03/23 - 11/03/23	mg/m3	-	0.005	0.025	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	10/03/23 - 11/03/23	mg/m3	-	0.002	0.077	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 : Satcha Phetsawaeng

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 5 of 28

Sample Number 2317234-5
Sampled Date Mar 11, 2023
Sample Description Air Quality
Location วัดปลวกเกิด (A3) (GPS 47P 0751366, 1400772)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	11/03/23 - 12/03/23	mg/m3	-	0.002	0.031	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	11/03/23 - 12/03/23	mg/m3	-	0.005	0.028	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	11/03/23 - 12/03/23	mg/m3	-	0.002	0.068	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Satcha Phetsawaeng

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 6 of 28

Sample Number 2317234-6
Sampled Date Mar 12, 2023
Sample Description Air Quality
Location วัดปลวกเกิด (A3) (GPS 47P 0751366, 1400772)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	12/03/23 - 13/03/23	mg/m3	-	0.002	0.032	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	12/03/23 - 13/03/23	mg/m3	-	0.005	0.028	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	12/03/23 - 13/03/23	mg/m3	-	0.002	0.064	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Satcha Phetsawaeng

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 7 of 28

Sample Number 2317234-7
Sampled Date Mar 13, 2023
Sample Description Air Quality
Location วัดปลวกเกิด (A3) (GPS 47P 0751366, 1400772)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	13/03/23 - 14/03/23	mg/m3	-	0.002	0.041	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	13/03/23 - 14/03/23	mg/m3	-	0.005	0.039	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	13/03/23 - 14/03/23	mg/m3	-	0.002	0.044	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Satcha Phetsawaeng

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Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
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Page 8 of 28

Sample Number 2317234-8
Sampled Date Mar 07, 2023
Sample Description Air Quality
Location รพ.สต.บ้านกันหนอง (A4) (GPS 47P 0754299, 1403591)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	07/03/23 - 08/03/23	mg/m3	-	0.002	0.070	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	07/03/23 - 08/03/23	mg/m3	-	0.005	0.060	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	07/03/23 - 08/03/23	mg/m3	-	0.002	0.107	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Project Location :

Lot ID: 2317234

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Page 9 of 28

Sample Number 2317234-9
Sampled Date Mar 08, 2023
Sample Description Air Quality
Location รพ.สต.บ้านกันหนอง (A4) (GPS 47P 0754299, 1403591)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	08/03/23 - 09/03/23	mg/m3	-	0.002	0.049	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	08/03/23 - 09/03/23	mg/m3	-	0.005	0.038	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	08/03/23 - 09/03/23	mg/m3	-	0.002	0.066	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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Project Location :

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Page 10 of 28

Sample Number 2317234-10
Sampled Date Mar 09, 2023
Sample Description Air Quality
Location รพ.สต.บ้านกันหนอง (A4) (GPS 47P 0754299, 1403591)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	09/03/23 - 10/03/23	mg/m3	-	0.002	0.044	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	09/03/23 - 10/03/23	mg/m3	-	0.005	0.034	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	09/03/23 - 10/03/23	mg/m3	-	0.002	0.051	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Approved by

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 11 of 28

Sample Number 2317234-11
Sampled Date Mar 10, 2023
Sample Description Air Quality
Location รพ.สต.บ้านกันหนอง (A4) (GPS 47P 0754299, 1403591)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	10/03/23 - 11/03/23	mg/m3	-	0.002	0.044	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	10/03/23 - 11/03/23	mg/m3	-	0.005	0.026	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	10/03/23 - 11/03/23	mg/m3	-	0.002	0.048	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 : Satcha Phetsawaeng

Remark :

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 12 of 28

Sample Number 2317234-12
Sampled Date Mar 11, 2023
Sample Description Air Quality
Location รพ.สต.บ้านกันหนอง (A4) (GPS 47P 0754299, 1403591)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	11/03/23 - 12/03/23	mg/m3	-	0.002	0.036	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	11/03/23 - 12/03/23	mg/m3	-	0.005	0.029	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	11/03/23 - 12/03/23	mg/m3	-	0.002	0.043	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 : Satcha Phetsawaeng

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 13 of 28

Sample Number 2317234-13
Sampled Date Mar 12, 2023
Sample Description Air Quality
Location รพ.สต.บ้านกันหนอง (A4) (GPS 47P 0754299, 1403591)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	12/03/23 - 13/03/23	mg/m3	-	0.002	0.037	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	12/03/23 - 13/03/23	mg/m3	-	0.005	0.029	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	12/03/23 - 13/03/23	mg/m3	-	0.002	0.043	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 : Satcha Phetsawaeng

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 14 of 28

Sample Number 2317234-14
Sampled Date Mar 13, 2023
Sample Description Air Quality
Location รพ.สต.บ้านกันหนอง (A4) (GPS 47P 0754299, 1403591)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	13/03/23 - 14/03/23	mg/m3	-	0.002	0.049	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	13/03/23 - 14/03/23	mg/m3	-	0.005	0.046	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	13/03/23 - 14/03/23	mg/m3	-	0.002	0.056	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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

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

Sampled By : Satcha Phetsawaeng

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 15 of 28

Sample Number 2317234-15
Sampled Date Mar 07, 2023
Sample Description Air Quality
Location วัดนาตาขวัญ (A5) (GPS 47P 0752624, 1405645)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	07/03/23 - 08/03/23	mg/m3	-	0.002	0.077	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	07/03/23 - 08/03/23	mg/m3	-	0.005	0.058	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	07/03/23 - 08/03/23	mg/m3	-	0.002	0.091	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

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 16 of 28

Sample Number 2317234-16
Sampled Date Mar 08, 2023
Sample Description Air Quality
Location วัดนาตาขวัญ (A5) (GPS 47P 0752624, 1405645)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	08/03/23 - 09/03/23	mg/m3	-	0.002	0.047	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	08/03/23 - 09/03/23	mg/m3	-	0.005	0.039	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	08/03/23 - 09/03/23	mg/m3	-	0.002	0.079	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 17 of 28

Sample Number 2317234-17
Sampled Date Mar 09, 2023
Sample Description Air Quality
Location วัดนาตาขวัญ (A5) (GPS 47P 0752624, 1405645)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	09/03/23 - 10/03/23	mg/m3	-	0.002	0.041	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	09/03/23 - 10/03/23	mg/m3	-	0.005	0.037	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	09/03/23 - 10/03/23	mg/m3	-	0.002	0.073	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Satcha Phetsawaeng

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 18 of 28

Sample Number 2317234-18
Sampled Date Mar 10, 2023
Sample Description Air Quality
Location วัดนาตาขวัญ (A5) (GPS 47P 0752624, 1405645)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	10/03/23 - 11/03/23	mg/m3	-	0.002	0.037	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	10/03/23 - 11/03/23	mg/m3	-	0.005	0.027	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	10/03/23 - 11/03/23	mg/m3	-	0.002	0.059	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 : Satcha Phetsawaeng

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 19 of 28

Sample Number 2317234-19
Sampled Date Mar 11, 2023
Sample Description Air Quality
Location วัดนาตาขวัญ (A5) (GPS 47P 0752624, 1405645)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	11/03/23 - 12/03/23	mg/m3	-	0.002	0.031	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	11/03/23 - 12/03/23	mg/m3	-	0.005	0.013	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	11/03/23 - 12/03/23	mg/m3	-	0.002	0.053	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 20 of 28

Sample Number 2317234-20
Sampled Date Mar 12, 2023
Sample Description Air Quality
Location วัดนาตาขวัญ (A5) (GPS 47P 0752624, 1405645)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	12/03/23 - 13/03/23	mg/m3	-	0.002	0.047	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	12/03/23 - 13/03/23	mg/m3	-	0.005	0.042	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	12/03/23 - 13/03/23	mg/m3	-	0.002	0.063	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 : Satcha Phetsawaeng

Remark :

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

Thanita K.

Thanita Kulsuriwong
Scientist (4)

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 21 of 28

Sample Number 2317234-21
Sampled Date Mar 13, 2023
Sample Description Air Quality
Location วัดนาตาขวัญ (A5) (GPS 47P 0752624, 1405645)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	13/03/23 - 14/03/23	mg/m3	-	0.002	0.052	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	13/03/23 - 14/03/23	mg/m3	-	0.005	0.047	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	13/03/23 - 14/03/23	mg/m3	-	0.002	0.057	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Satcha Phetsawaeng

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 22 of 28

Sample Number 2317234-22
Sampled Date Mar 07, 2023
Sample Description Air Quality
Location โรงเรียนระยองวิทยาคาร (A6) (GPS 47P 0752406, 1404483)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	07/03/23 - 08/03/23	mg/m3	-	0.002	0.060	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	07/03/23 - 08/03/23	mg/m3	-	0.005	0.051	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	07/03/23 - 08/03/23	mg/m3	-	0.002	0.109	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 : Satcha Phetsawaeng

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 23 of 28

Sample Number 2317234-23
Sampled Date Mar 08, 2023
Sample Description Air Quality
Location โรงเรียนระยองวิทยาคาร (A6) (GPS 47P 0752406, 1404483)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	08/03/23 - 09/03/23	mg/m3	-	0.002	0.050	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	08/03/23 - 09/03/23	mg/m3	-	0.005	0.035	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	08/03/23 - 09/03/23	mg/m3	-	0.002	0.092	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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Sampled By : Satcha Phetsawaeng

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 24 of 28

Sample Number 2317234-24
Sampled Date Mar 09, 2023
Sample Description Air Quality
Location โรงเรียนระยองวิทยาคาร (A6) (GPS 47P 0752406, 1404483)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	09/03/23 - 10/03/23	mg/m3	-	0.002	0.044	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	09/03/23 - 10/03/23	mg/m3	-	0.005	0.026	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	09/03/23 - 10/03/23	mg/m3	-	0.002	0.099	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

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Sampled By : Satcha Phetsawaeng

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023
Date Reported : Mar 24, 2023
Report Number : 2569327-1

Page 25 of 28

Sample Number 2317234-25
Sampled Date Mar 10, 2023
Sample Description Air Quality
Location โรงเรียนระยองวิทยาคาร (A6) (GPS 47P 0752406, 1404483)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	10/03/23 - 11/03/23	mg/m3	-	0.002	0.036	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	10/03/23 - 11/03/23	mg/m3	-	0.005	0.024	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	10/03/23 - 11/03/23	mg/m3	-	0.002	0.079	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 : Satcha Phetsawaeng

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P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 26 of 28

Sample Number 2317234-26
Sampled Date Mar 11, 2023
Sample Description Air Quality
Location โรงเรียนระยองวิทยาคาร (A6) (GPS 47P 0752406, 1404483)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	11/03/23 - 12/03/23	mg/m3	-	0.002	0.037	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	11/03/23 - 12/03/23	mg/m3	-	0.005	0.023	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	11/03/23 - 12/03/23	mg/m3	-	0.002	0.080	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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Sampled By : Satcha Phetsawaeng

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 27 of 28

Sample Number 2317234-27
Sampled Date Mar 12, 2023
Sample Description Air Quality
Location โรงเรียนระยองวิทยาคาร (A6) (GPS 47P 0752406, 1404483)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 mmHg
Atmospheric Temperature 34.0 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	12/03/23 - 13/03/23	mg/m3	-	0.002	0.039	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	12/03/23 - 13/03/23	mg/m3	-	0.005	0.029	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	12/03/23 - 13/03/23	mg/m3	-	0.002	0.062	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317234

Date Received : Mar 17, 2023

Date Reported : Mar 24, 2023

Report Number : 2569327-1

Page 28 of 28

Sample Number 2317234-28
Sampled Date Mar 13, 2023
Sample Description Air Quality
Location โรงเรียนระยองวิทยาคาร (A6) (GPS 47P 0752406, 1404483)
Date Analysis Commenced Mar 18, 2023
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one quartz filter paper (8x10 inch) placed in plastic bag and one filter paper placed in plastic cassette
Barometric Pressure 760 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	13/03/23 - 14/03/23	mg/m3	-	0.002	0.053	0.12	US EPA 40 CFR Part 50, Appendix J	NEB No.24 Rayong	
Particulate Matter as PM 2.5 *	13/03/23 - 14/03/23	mg/m3	-	0.005	0.044	0.05	US EPA 40 CFR Part 50, Appendix L	NEB	Rayong
Total Suspended Particulate	13/03/23 - 14/03/23	mg/m3	-	0.002	0.107	0.33	US EPA 40 CFR Part 50, Appendix B	NEB No.24 Rayong	

Guideline :

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21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317239

Date Received : Mar 16, 2023

Date Reported : Mar 21, 2023

Report Number: 2569338-1

Page 1 of 1

Sample Description Air Quality
Location วัดปลวกเกิด (A3) (GPS 47P 0751366, 1400772)
Parameter Nitrogen dioxide (ppm)
Measurement Date Mar 07, 2023 - Mar 14, 2023
Measurement by Satcha Phetsawaeng

	2317239-1 Mar 07, 2023	2317239-2 Mar 08, 2023	2317239-3 Mar 09, 2023	2317239-4 Mar 10, 2023	2317239-5 Mar 11, 2023	2317239-6 Mar 12, 2023	2317239-7 Mar 13, 2023
Time							
01:00 PM - 02:00 PM	0.004	0.020	0.002	0.024	0.007	0.007	0.004
02:00 PM - 03:00 PM	0.002	0.025	0.004	0.008	0.030	0.039	0.003
03:00 PM - 04:00 PM	0.009	0.037	0.018	0.018	0.062	0.034	0.003
04:00 PM - 05:00 PM	0.012	0.023	0.076	0.084	0.067	0.034	0.009
05:00 PM - 06:00 PM	0.007	0.002	0.046	0.068	0.017	0.009	0.004
06:00 PM - 07:00 PM	0.002	0.002	0.001	0.005	0.011	0.003	0.003
07:00 PM - 08:00 PM	0.002	0.002	0.005	0.001	0.006	0.012	0.004
08:00 PM - 09:00 PM	0.002	0.001	0.006	0.004	0.025	0.004	0.002
09:00 PM - 10:00 PM	0.002	0.002	0.006	0.003	0.017	0.011	0.002
10:00 PM - 11:00 PM	0.002	0.004	0.005	0.002	0.018	0.009	0.003
11:00 PM - 12:00 AM	0.006	0.015	0.015	0.005	0.010	0.015	0.002
12:00 AM - 01:00 AM	0.006	0.016	0.008	0.008	0.005	0.009	0.004
01:00 AM - 02:00 AM	0.004	0.018	0.006	0.005	0.006	0.020	0.004
02:00 AM - 03:00 AM	0.012	0.003	0.004	0.010	0.003	0.012	0.004
03:00 AM - 04:00 AM	0.009	0.008	0.002	0.013	0.008	0.003	0.006
04:00 AM - 05:00 AM	0.005	0.002	0.002	0.009	0.002	0.010	0.006
05:00 AM - 06:00 AM	0.022	0.004	0.005	0.004	0.004	0.006	0.017
06:00 AM - 07:00 AM	0.030	0.006	0.025	0.003	0.012	0.014	0.031
07:00 AM - 08:00 AM	0.034	0.016	0.044	0.002	0.009	0.020	0.035
08:00 AM - 09:00 AM	0.028	0.027	0.038	0.010	0.029	0.025	0.019
09:00 AM - 10:00 AM	0.018	0.011	0.022	0.007	0.024	0.006	0.009
10:00 AM - 11:00 AM	0.005	0.008	0.005	0.012	0.014	0.027	0.009
11:00 AM - 12:00 PM	0.004	0.007	0.002	0.018	0.016	0.008	0.011
12:00 PM - 01:00 PM	0.023	0.012	0.022	0.040	0.008	0.004	0.012
Average	0.010	0.011	0.015	0.015	0.017	0.014	0.009
1hr - Maximum	0.034	0.037	0.076	0.084	0.067	0.039	0.035
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

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

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Analysis / Test Report

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317239

Date Received : Mar 16, 2023

Date Reported : Mar 21, 2023

Report Number: 2599772-1

Page 1 of 1

Sample Description Air Quality
Location รพ.สต.บ้านกันหนอง (A4) (GPS 47P 0754299, 1403591)
Parameter Nitrogen dioxide (ppm)
Measurement Date Mar 07, 2023 - Mar 14, 2023
Measurement by Satcha Phetsawaeng

	2317239-8	2317239-9	2317239-10	2317239-11	2317239-12	2317239-13	2317239-14
Time	Mar 07, 2023	Mar 08, 2023	Mar 09, 2023	Mar 10, 2023	Mar 11, 2023	Mar 12, 2023	Mar 13, 2023
10:00 AM - 11:00 AM	0.010	0.013	0.018	0.017	0.005	0.004	0.005
11:00 AM - 12:00 PM	0.013	0.016	0.014	0.017	0.005	0.004	0.004
12:00 PM - 01:00 PM	0.013	0.013	0.020	0.017	0.005	0.004	0.004
01:00 PM - 02:00 PM	0.010	0.011	0.022	0.017	0.003	0.004	0.004
02:00 PM - 03:00 PM	0.007	0.011	0.015	0.022	0.004	0.004	0.004
03:00 PM - 04:00 PM	0.006	0.010	0.014	0.003	0.005	0.004	0.003
04:00 PM - 05:00 PM	0.007	0.011	0.010	0.005	0.004	0.003	0.003
05:00 PM - 06:00 PM	0.009	0.009	0.008	0.004	0.003	0.004	0.003
06:00 PM - 07:00 PM	0.003	0.009	0.008	0.004	0.003	0.003	0.003
07:00 PM - 08:00 PM	0.010	0.008	0.008	0.004	0.003	0.004	0.003
08:00 PM - 09:00 PM	0.016	0.009	0.007	0.004	0.003	0.003	0.003
09:00 PM - 10:00 PM	0.007	0.008	0.006	0.004	0.003	0.003	0.003
10:00 PM - 11:00 PM	0.010	0.010	0.007	0.004	0.004	0.004	0.003
11:00 PM - 12:00 AM	0.007	0.022	0.007	0.004	0.004	0.004	0.004
12:00 AM - 01:00 AM	0.010	0.011	0.011	0.004	0.004	0.004	0.005
01:00 AM - 02:00 AM	0.011	0.030	0.012	0.004	0.004	0.005	0.005
02:00 AM - 03:00 AM	0.027	0.017	0.016	0.004	0.003	0.005	0.005
03:00 AM - 04:00 AM	0.014	0.026	0.009	0.004	0.003	0.005	0.005
04:00 AM - 05:00 AM	0.014	0.016	0.007	0.003	0.004	0.005	0.006
05:00 AM - 06:00 AM	0.015	0.014	0.007	0.004	0.004	0.004	0.005
06:00 AM - 07:00 AM	0.013	0.014	0.016	0.004	0.004	0.004	0.004
07:00 AM - 08:00 AM	0.017	0.015	0.014	0.004	0.004	0.004	0.004
08:00 AM - 09:00 AM	0.013	0.015	0.018	0.004	0.005	0.004	0.004
09:00 AM - 10:00 AM	0.009	0.017	0.010	0.005	0.004	0.005	0.005
Average	0.011	0.014	0.012	0.007	0.004	0.004	0.004
1hr - Maximum	0.027	0.030	0.022	0.022	0.005	0.005	0.006
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

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

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Analysis / Test Report

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317239

Date Received : Mar 16, 2023

Date Reported : Mar 21, 2023

Report Number: 2599775-1

Page 1 of 1

Sample Description Air Quality
Location วัดนาตาขวัญ (A5) (GPS 47P 0752624, 1405645)
Parameter Nitrogen dioxide (ppm)
Measurement Date Mar 07, 2023 - Mar 14, 2023
Measurement by Satcha Phetsawaeng

Time	2317239-15 Mar 07, 2023	2317239-16 Mar 08, 2023	2317239-17 Mar 09, 2023	2317239-18 Mar 10, 2023	2317239-19 Mar 11, 2023	2317239-20 Mar 12, 2023	2317239-21 Mar 13, 2023
09:00 AM - 10:00 AM	0.010	0.010	0.007	0.007	0.006	0.007	0.008
10:00 AM - 11:00 AM	0.008	0.004	0.006	0.005	0.006	0.008	0.007
11:00 AM - 12:00 PM	0.005	0.005	0.007	0.005	0.006	0.007	0.006
12:00 PM - 01:00 PM	0.007	0.009	0.006	0.008	0.010	0.010	0.012
01:00 PM - 02:00 PM	0.007	0.008	0.004	0.006	0.005	0.020	0.021
02:00 PM - 03:00 PM	0.007	0.010	0.004	0.004	0.006	0.010	0.025
03:00 PM - 04:00 PM	0.010	0.007	0.008	0.006	0.007	0.011	0.022
04:00 PM - 05:00 PM	0.010	0.005	0.008	0.006	0.006	0.011	0.023
05:00 PM - 06:00 PM	0.004	0.004	0.003	0.002	0.008	0.008	0.031
06:00 PM - 07:00 PM	0.005	0.005	0.004	0.003	0.008	0.009	0.029
07:00 PM - 08:00 PM	0.014	0.007	0.005	0.005	0.007	0.011	0.019
08:00 PM - 09:00 PM	0.020	0.016	0.007	0.007	0.007	0.014	0.018
09:00 PM - 10:00 PM	0.013	0.017	0.014	0.010	0.006	0.008	0.013
10:00 PM - 11:00 PM	0.010	0.014	0.013	0.009	0.004	0.006	0.010
11:00 PM - 12:00 AM	0.009	0.016	0.011	0.008	0.006	0.008	0.009
12:00 AM - 01:00 AM	0.009	0.009	0.010	0.008	0.007	0.010	0.008
01:00 AM - 02:00 AM	0.008	0.007	0.008	0.008	0.007	0.006	0.008
02:00 AM - 03:00 AM	0.008	0.006	0.006	0.006	0.008	0.008	0.007
03:00 AM - 04:00 AM	0.006	0.006	0.007	0.007	0.008	0.006	0.006
04:00 AM - 05:00 AM	0.006	0.006	0.007	0.006	0.010	0.007	0.006
05:00 AM - 06:00 AM	0.007	0.008	0.008	0.006	0.010	0.009	0.006
06:00 AM - 07:00 AM	0.008	0.008	0.008	0.008	0.006	0.010	0.006
07:00 AM - 08:00 AM	0.010	0.009	0.008	0.007	0.008	0.016	0.008
08:00 AM - 09:00 AM	0.009	0.010	0.008	0.007	0.008	0.010	0.010
Average	0.009	0.008	0.007	0.006	0.007	0.010	0.013
1hr - Maximum	0.020	0.017	0.014	0.010	0.010	0.020	0.031
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 : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317239

Date Received : Mar 16, 2023

Date Reported : Mar 21, 2023

Report Number: 2599776-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรียนระยองวิทยาคารกุล (A6) (GPS 47P 0752406, 1404483)
Parameter Nitrogen dioxide (ppm)
Measurement Date Mar 07, 2023 - Mar 14, 2023
Measurement by Satcha Phetsawaeng

Time	2317239-22 Mar 07, 2023	2317239-23 Mar 08, 2023	2317239-24 Mar 09, 2023	2317239-25 Mar 10, 2023	2317239-26 Mar 11, 2023	2317239-27 Mar 12, 2023	2317239-28 Mar 13, 2023
11:00 AM - 12:00 PM	0.007	0.013	0.004	0.008	0.003	0.008	0.003
12:00 PM - 01:00 PM	0.005	0.006	0.003	0.003	0.004	0.007	0.003
01:00 PM - 02:00 PM	0.007	0.009	0.004	0.003	0.004	0.005	0.004
02:00 PM - 03:00 PM	0.008	0.004	0.008	0.006	0.003	0.005	0.006
03:00 PM - 04:00 PM	0.003	0.002	0.006	0.005	0.003	0.003	0.015
04:00 PM - 05:00 PM	0.003	0.002	0.002	0.002	0.002	0.002	0.007
05:00 PM - 06:00 PM	0.004	0.004	0.003	0.009	0.002	0.005	0.007
06:00 PM - 07:00 PM	0.004	0.004	0.003	0.003	0.001	0.005	0.006
07:00 PM - 08:00 PM	0.005	0.004	0.003	0.003	0.001	0.004	0.008
08:00 PM - 09:00 PM	0.009	0.005	0.003	0.003	0.001	0.004	0.014
09:00 PM - 10:00 PM	0.006	0.004	0.003	0.003	0.005	0.003	0.009
10:00 PM - 11:00 PM	0.007	0.004	0.003	0.004	0.004	0.006	0.008
11:00 PM - 12:00 AM	0.005	0.005	0.004	0.004	0.002	0.004	0.007
12:00 AM - 01:00 AM	0.006	0.005	0.004	0.004	0.001	0.006	0.007
01:00 AM - 02:00 AM	0.006	0.004	0.003	0.003	0.003	0.003	0.007
02:00 AM - 03:00 AM	0.004	0.003	0.003	0.003	0.003	0.002	0.007
03:00 AM - 04:00 AM	0.004	0.005	0.003	0.002	0.004	0.004	0.007
04:00 AM - 05:00 AM	0.010	0.009	0.006	0.004	0.005	0.007	0.017
05:00 AM - 06:00 AM	0.012	0.009	0.008	0.006	0.009	0.008	0.015
06:00 AM - 07:00 AM	0.009	0.013	0.007	0.005	0.004	0.006	0.007
07:00 AM - 08:00 AM	0.007	0.008	0.006	0.004	0.001	0.003	0.006
08:00 AM - 09:00 AM	0.004	0.006	0.004	0.004	0.002	0.005	0.008
09:00 AM - 10:00 AM	0.004	0.004	0.002	0.003	0.003	0.004	0.007
10:00 AM - 11:00 AM	0.008	0.005	0.006	0.004	0.005	0.003	0.006
Average	0.006	0.006	0.004	0.004	0.003	0.005	0.008
1hr - Maximum	0.012	0.013	0.008	0.009	0.009	0.008	0.017
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	0.170	0.170

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

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

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Analysis / Test Report

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317241

Date Received : Mar 16, 2023

Date Reported : Mar 21, 2023

Report Number: 2569340-1

Page 1 of 1

Sample Description Air Quality
Location วัดปลวกเกิด (A3) (GPS 47P 0751366, 1400772)
Parameter Sulfur Dioxide (ppm)
Measurement Date Mar 07, 2023 - Mar 14, 2023
Measurement by Satcha Phetsawaeng

Time	2317241-1 Mar 07, 2023	2317241-2 Mar 08, 2023	2317241-3 Mar 09, 2023	2317241-4 Mar 10, 2023	2317241-5 Mar 11, 2023	2317241-6 Mar 12, 2023	2317241-7 Mar 13, 2023
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	0.002	0.001	<0.001
04:00 PM - 05:00 PM	<0.001	0.001	0.001	0.001	<0.001	0.001	<0.001
05:00 PM - 06:00 PM	<0.001	<0.001	0.001	0.001	0.001	0.001	<0.001
06:00 PM - 07:00 PM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	<0.001
07:00 PM - 08:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 PM - 09:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 PM - 10:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10:00 PM - 11:00 PM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11:00 PM - 12:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12:00 AM - 01:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
01:00 AM - 02:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
03:00 AM - 04:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
05:00 AM - 06:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
06:00 AM - 07:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
07:00 AM - 08:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
08:00 AM - 09:00 AM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
09:00 AM - 10:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
10:00 AM - 11:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
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
Average	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
1hr - Maximum	<0.001	0.001	0.001	0.001	0.002	0.001	<0.001
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

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

Reference Method : US EPA Method Part 53 and 58

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Analysis / Test Report

Client : IRPC Clean Power Company Limited

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P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317241

Date Received : Mar 16, 2023

Date Reported : Mar 21, 2023

Report Number: 2599780-1

Page 1 of 1

Sample Description Air Quality
Location รพ.สต.บ้านกันหนอง (A4) (GPS 47P 0754299, 1403591)
Parameter Sulfur Dioxide (ppm)
Measurement Date Mar 07, 2023 - Mar 14, 2023
Measurement by Satcha Phetsawaeng

Time	2317241-8 Mar 07, 2023	2317241-9 Mar 08, 2023	2317241-10 Mar 09, 2023	2317241-11 Mar 10, 2023	2317241-12 Mar 11, 2023	2317241-13 Mar 12, 2023	2317241-14 Mar 13, 2023
10:00 AM - 11:00 AM	0.005	0.004	0.008	0.009	0.005	0.008	0.008
11:00 AM - 12:00 PM	0.004	0.004	0.008	0.009	0.006	0.006	0.008
12:00 PM - 01:00 PM	0.004	0.004	0.006	0.010	0.008	0.007	0.009
01:00 PM - 02:00 PM	0.004	0.003	0.010	0.006	0.009	0.007	0.008
02:00 PM - 03:00 PM	0.004	0.003	0.006	0.006	0.009	0.006	0.009
03:00 PM - 04:00 PM	0.004	0.003	0.008	0.006	0.009	0.008	0.007
04:00 PM - 05:00 PM	0.004	0.002	0.009	0.004	0.009	0.005	0.007
05:00 PM - 06:00 PM	0.003	0.004	0.008	0.004	0.010	0.003	0.007
06:00 PM - 07:00 PM	0.004	0.006	0.005	0.007	0.008	0.004	0.006
07:00 PM - 08:00 PM	0.005	0.008	0.006	0.008	0.008	0.005	0.007
08:00 PM - 09:00 PM	0.005	0.004	0.005	0.009	0.008	0.010	0.009
09:00 PM - 10:00 PM	0.005	0.005	0.005	0.010	0.009	0.006	0.006
10:00 PM - 11:00 PM	0.006	0.006	0.004	0.010	0.010	0.008	0.007
11:00 PM - 12:00 AM	0.004	0.003	0.006	0.007	0.009	0.008	0.004
12:00 AM - 01:00 AM	0.004	0.006	0.006	0.007	0.009	0.008	0.004
01:00 AM - 02:00 AM	0.004	0.004	0.006	0.007	0.007	0.007	0.004
02:00 AM - 03:00 AM	0.005	0.004	0.005	0.006	0.006	0.006	0.004
03:00 AM - 04:00 AM	0.006	0.004	0.005	0.006	0.004	0.005	0.004
04:00 AM - 05:00 AM	0.005	0.001	0.007	0.007	0.004	0.006	0.005
05:00 AM - 06:00 AM	0.004	0.007	0.008	0.006	0.002	0.006	0.006
06:00 AM - 07:00 AM	0.005	0.008	0.007	0.006	0.005	0.009	0.006
07:00 AM - 08:00 AM	0.004	0.009	0.007	0.006	0.004	0.009	0.008
08:00 AM - 09:00 AM	0.003	0.010	0.009	0.006	0.005	0.008	0.009
09:00 AM - 10:00 AM	0.003	0.009	0.010	0.006	0.006	0.008	0.005
Average	0.004	0.005	0.007	0.007	0.007	0.007	0.006
1hr - Maximum	0.006	0.010	0.010	0.010	0.010	0.010	0.009
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

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

Reference Method : US EPA Method Part 53 and 58

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Orawan Rakyong

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Analysis / Test Report

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317241

Date Received : Mar 16, 2023

Date Reported : Mar 21, 2023

Report Number: 2599782-1

Page 1 of 1

Sample Description Air Quality
Location วัดนาตาขวัญ (A5) (GPS 47P 0752624, 1405645)
Parameter Sulfur Dioxide (ppm)
Measurement Date Mar 07, 2023 - Mar 14, 2023
Measurement by Satcha Phetsawaeng

Time	2317241-15 Mar 07, 2023	2317241-16 Mar 08, 2023	2317241-17 Mar 09, 2023	2317241-18 Mar 10, 2023	2317241-19 Mar 11, 2023	2317241-20 Mar 12, 2023	2317241-21 Mar 13, 2023
09:00 AM - 10:00 AM	0.006	0.009	0.006	0.006	0.008	0.005	0.002
10:00 AM - 11:00 AM	0.006	0.010	0.008	0.009	0.007	0.004	0.004
11:00 AM - 12:00 PM	0.007	0.010	0.009	0.006	0.008	0.005	0.006
12:00 PM - 01:00 PM	0.008	0.010	0.008	0.008	0.006	0.005	0.005
01:00 PM - 02:00 PM	0.007	0.010	0.008	0.008	0.004	0.004	0.007
02:00 PM - 03:00 PM	0.007	0.008	0.008	0.010	0.004	0.005	0.006
03:00 PM - 04:00 PM	0.006	0.010	0.008	0.006	0.004	0.005	0.006
04:00 PM - 05:00 PM	0.006	0.010	0.008	0.005	0.004	0.004	0.004
05:00 PM - 06:00 PM	0.006	0.009	0.008	0.005	0.006	0.007	0.002
06:00 PM - 07:00 PM	0.006	0.009	0.007	0.005	0.007	0.003	0.006
07:00 PM - 08:00 PM	0.006	0.010	0.007	0.007	0.008	0.002	0.004
08:00 PM - 09:00 PM	0.006	0.010	0.007	0.008	0.008	0.002	0.002
09:00 PM - 10:00 PM	0.005	0.009	0.006	0.008	0.007	0.002	0.002
10:00 PM - 11:00 PM	0.005	0.008	0.007	0.008	0.007	0.002	0.002
11:00 PM - 12:00 AM	0.007	0.008	0.008	0.006	0.005	0.002	0.002
12:00 AM - 01:00 AM	0.006	0.009	0.007	0.006	0.006	0.003	0.003
01:00 AM - 02:00 AM	0.008	0.008	0.006	0.008	0.009	0.003	0.003
02:00 AM - 03:00 AM	0.009	0.007	0.002	0.006	0.004	0.004	0.003
03:00 AM - 04:00 AM	0.010	0.008	0.010	0.007	0.003	0.004	0.004
04:00 AM - 05:00 AM	0.009	0.009	0.008	0.006	0.003	0.004	0.004
05:00 AM - 06:00 AM	0.009	0.009	0.008	0.005	0.006	0.007	0.004
06:00 AM - 07:00 AM	0.007	0.010	0.007	0.005	0.009	0.006	0.006
07:00 AM - 08:00 AM	0.006	0.008	0.010	0.005	0.006	0.004	0.005
08:00 AM - 09:00 AM	0.008	0.007	0.008	0.008	0.005	0.003	0.004
Average	0.007	0.009	0.007	0.007	0.006	0.004	0.004
1hr - Maximum	0.010	0.010	0.010	0.010	0.009	0.007	0.007
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

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

Reference Method : US EPA Method Part 53 and 58

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Analysis / Test Report

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317241

Date Received : Mar 16, 2023

Date Reported : Mar 21, 2023

Report Number: 2599788-1

Page 1 of 1

Sample Description Air Quality
Location โรงเรียนระยองวิทยาคาร (A6) (GPS 47P 0752406, 1404483)
Parameter Sulfur Dioxide (ppm)
Measurement Date Mar 07, 2023 - Mar 14, 2023
Measurement by Satcha Phetsawaeng

Time	2317241-22 Mar 07, 2023	2317241-23 Mar 08, 2023	2317241-24 Mar 09, 2023	2317241-25 Mar 10, 2023	2317241-26 Mar 11, 2023	2317241-27 Mar 12, 2023	2317241-28 Mar 13, 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	0.002	0.001
01:00 PM - 02:00 PM	0.001	0.002	<0.001	0.002	0.001	0.002	0.001
02:00 PM - 03:00 PM	0.001	0.002	<0.001	0.001	0.001	0.002	0.001
03:00 PM - 04:00 PM	0.001	0.002	0.001	0.001	0.001	0.002	0.001
04:00 PM - 05:00 PM	0.001	0.002	0.001	0.001	0.001	0.002	0.001
05:00 PM - 06:00 PM	0.001	0.001	0.001	0.002	0.001	0.002	0.001
06:00 PM - 07:00 PM	<0.001	<0.001	0.001	0.001	0.001	0.002	0.001
07:00 PM - 08:00 PM	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001
08:00 PM - 09:00 PM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
09:00 PM - 10:00 PM	<0.001	<0.001	<0.001	0.001	0.001	0.002	0.001
10:00 PM - 11:00 PM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
11:00 PM - 12:00 AM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
12:00 AM - 01:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
01:00 AM - 02:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
02:00 AM - 03:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
03:00 AM - 04:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
04:00 AM - 05:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
05:00 AM - 06:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
06:00 AM - 07:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
07:00 AM - 08:00 AM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
08:00 AM - 09:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
09:00 AM - 10:00 AM	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001
10:00 AM - 11:00 AM	<0.001	<0.001	<0.001	0.001	0.001	0.001	0.001
Average	<0.001	0.001	<0.001	0.001	0.001	0.001	0.001
1hr - Maximum	0.001	0.002	0.001	0.002	0.001	0.002	0.001
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	0.12	0.12

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

Reference Method : US EPA Method Part 53 and 58

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ภาคผนวก ค-2

ความเร็วลมและทิศทางลม



Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang,
Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID : 2317254
Date Received : Mar 16, 2023
Date Reported : Mar 20, 2023
Report Number : 2569344-1

Page 1 of 2

Sample Number : 2317254-1 to 7
Parameter : Wind Speed / Wind Direction
Location : โรงเรียนระยองปัญญานุกูล (A6) (GPS 47P 0752406, 1404483)
Sampling Date : Mar 07 - Mar 14, 2023
Sampling by : Satcha Phetsawaeng

Time	Mar 07 - Mar 08, 2023			Mar 08 - Mar 09, 2023			Mar 09 - Mar 10, 2023			Mar 10 - Mar 11, 2023			Mar 11 - Mar 12, 2023			Mar 12 - Mar 13, 2023			Mar 13 - Mar 14, 2023		
	WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)		WS (m/s)	WD (deg)	
10:00 AM - 11:00 AM	3.4	280.0	W	3.7	241.0	WSW	3.6	122.0	ESE	3.5	269.0	W	1.6	179.0	S	4.1	185.0	S	1.3	287.0	WNW
11:00 AM - 12:00 PM	1.2	113.0	ESE	2.5	214.0	SW	2.5	257.0	WSW	2.6	181.0	S	2.4	179.0	S	4.4	210.0	SSW	1.6	326.0	NW
12:00 PM - 01:00 PM	1.6	253.0	WSW	1.6	262.0	W	2.6	197.0	SSW	1.5	182.0	S	1.5	268.0	W	1.6	227.0	SW	0.7	325.0	NW
01:00 PM - 02:00 PM	2.4	205.0	SSW	2.5	289.0	WNW	2.4	185.0	S	1.6	160.0	SSE	1.6	216.0	SW	2.8	175.0	S	0.6	326.0	NW
02:00 PM - 03:00 PM	2.6	273.0	W	2.4	220.0	SW	2.3	230.0	SW	2.5	255.0	WSW	2.5	238.0	WSW	2.6	228.0	SW	0.8	327.0	NNW
03:00 PM - 04:00 PM	1.5	218.0	SW	1.6	288.0	WNW	2.6	238.0	WSW	1.6	250.0	WSW	2.4	198.0	SSW	3.1	280.0	W	0.8	329.0	NNW
04:00 PM - 05:00 PM	2.5	259.0	W	3.9	173.0	S	1.5	278.0	W	2.5	160.0	SSE	3.4	288.0	WNW	2.5	207.0	SSW	1.0	338.0	NNW
05:00 PM - 06:00 PM	1.8	266.0	W	2.8	291.0	WNW	2.4	249.0	WSW	2.4	275.0	W	3.0	249.0	WSW	1.6	189.0	S	0.8	339.0	NNW
06:00 PM - 07:00 PM	1.2	265.0	W	2.4	219.0	SW	1.8	256.0	WSW	1.9	287.0	WNW	3.0	272.0	W	2.5	153.0	SSE	0.7	338.0	NNW
07:00 PM - 08:00 PM	0.8	345.0	NNW	0.9	158.0	SSE	1.7	188.0	S	1.8	279.0	W	2.3	269.0	W	1.6	175.0	S	0.9	329.0	NNW
08:00 PM - 09:00 PM	0.8	75.0	ENE	1.0	154.0	SSE	1.1	166.0	SSE	0.7	280.0	W	2.6	233.0	SW	2.5	211.0	SSW	0.8	338.0	NNW
09:00 PM - 10:00 PM	0.5	75.0	ENE	0.8	157.0	SSE	0.9	165.0	SSE	1.1	153.0	SSE	2.4	306.0	NW	2.0	261.0	W	0.6	339.0	NNW
10:00 PM - 11:00 PM	0.5	73.0	ENE	0.9	154.0	SSE	1.4	127.0	SE	1.5	193.0	SSW	2.3	276.0	W	2.6	176.0	S	1.0	338.0	NNW
11:00 PM - 12:00 AM	0.4	70.0	ENE	1.1	157.0	SSE	1.2	127.0	SE	1.0	159.0	SSE	1.1	186.0	S	2.3	294.0	WNW	2.2	351.0	N
12:00 AM - 01:00 AM	0.4	72.0	ENE	0.8	155.0	SSE	0.9	126.0	SE	0.8	162.0	SSE	1.1	183.0	S	2.2	262.0	W	1.2	352.0	N
01:00 AM - 02:00 AM	0.8	75.0	ENE	0.6	155.0	SSE	0.5	129.0	SE	1.1	161.0	SSE	1.2	183.0	S	2.2	339.0	NNW	1.3	351.0	N
02:00 AM - 03:00 AM	0.5	72.0	ENE	2.4	327.0	NNW	0.6	130.0	SE	0.9	161.0	SSE	1.0	183.0	S	1.5	342.0	NNW	1.4	351.0	N
03:00 AM - 04:00 AM	0.0	-	-	1.3	79.0	E	0.6	133.0	SE	1.3	36.0	NE	1.3	160.0	SSE	2.5	183.0	S	0.8	356.0	N
04:00 AM - 05:00 AM	1.3	69.0	ENE	0.9	77.0	ENE	1.1	1.0	N	0.9	36.0	NE	1.4	294.0	WNW	2.7	133.0	SE	0.9	227.0	SW
05:00 AM - 06:00 AM	1.4	4.0	N	0.4	77.0	ENE	0.8	1.0	N	0.9	40.0	NE	3.2	289.0	WNW	2.2	323.0	NW	1.4	229.0	SW
06:00 AM - 07:00 AM	1.8	27.0	NNE	1.4	0.0	N	2.3	336.0	NNW	1.0	92.0	E	3.9	314.0	NW	2.7	102.0	ESE	1.2	209.0	SSW
07:00 AM - 08:00 AM	1.8	331.0	NNW	1.7	171.0	S	2.4	312.0	NW	3.2	192.0	SSW	4.0	287.0	WNW	2.6	157.0	SSE	0.8	218.0	SW
08:00 AM - 09:00 AM	2.4	167.0	SSE	2.3	107.0	ESE	3.0	344.0	NNW	2.6	153.0	SSE	2.3	229.0	SW	2.9	307.0	NW	1.6	219.0	SW
09:00 AM - 10:00 AM	3.7	228.0	SW	3.1	207.0	SSW	2.6	104.0	ESE	1.5	188.0	S	2.1	253.0	WSW	2.7	280.0	W	1.4	228.0	SW

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Sarayuth Jittrantont
Assistant General Manager



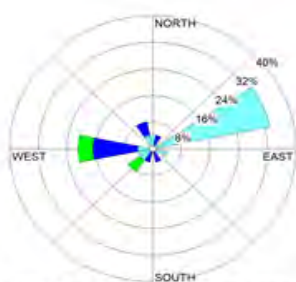
Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang,
Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID : 2317254
Date Received : Mar 16, 2023
Date Reported : Mar 20, 2023
Report Number : 2569344-1

Page 2 of 2

Wind Rose



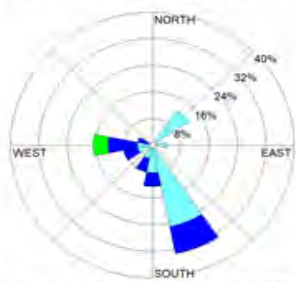
Date : Mar 07-08, 2023



Date : Mar 08-09, 2023



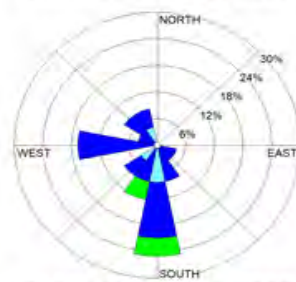
Date : Mar 09-10, 2023



Date : Mar 10-11, 2023



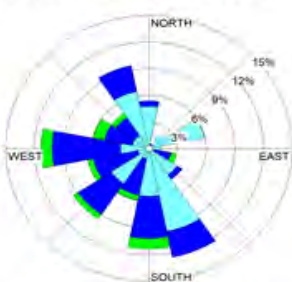
Date : Mar 11-12, 2023



Date : Mar 12-13, 2023



Date : Mar 13-14, 2023



Date : Mar 07-14, 2023

WS(m/s)	%
≥ 10.0	0.00
8.0-10.0	0.00
5.5-8.0	0.00
3.3-5.5	6.55
1.7-3.3	39.87
0.3-1.7	52.98
Calms	0.60

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Approved by

Sarayuth Jittranont
Assistant General Manager

ภาคผนวก ค-3

คุณภาพอากาศจากปล่องระบาย



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317256

Date Received : Mar 07, 2023
Date Reported : Mar 16, 2023
Report Number: 2569351-1

Page 1 of 2

Sample Number	2317256-1
Sampled Date	Mar 07, 2023
Sample Description	Emission from Stationary Source
Location	หน่วยผลิตไอน้ำ HRSG 21 (GPS 47P 752984, 1402872)
Date Analysis Commenced	Mar 07, 2023
Condition of Sample	Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	760	mmHg	Diameter	2.80	m	Oxygen	14.0	%
Ambient Temperature	34.0	°C	Shape	Circle		Carbon Dioxide	3.6	%
Type of Process	Combustion		Stack Temperature	110	°C	Gas Velocity	25.0	m/s
Type of Fuel	Natural Gas		Moisture	11.07	%	Flow Rate (Actual O2)	383108	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 14.0 % O ₂		Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Carbon Monoxide *	11:10 AM - 11:20 AM	ppm	-	1.0	<1.0	<1.0	690 (b)	-	United States Environmental Protection Agency, EPA Method 10	Rayong
Oxides of Nitrogen *	11:00 AM - 11:15 AM	ppm	-	1.06	9.69	4.81	120 (a)	45	United States Environmental Protection Agency, EPA Method 7	Rayong
Sulfur dioxide *	10:40 AM - 12:40 PM	ppm	-	0.3	<0.3	<0.3	20 (a)	3.6	United States Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	10:40 AM - 11:28 AM	mg/m3	-	0.5	<0.5	<0.5	60 (a)	4.20	United States Environmental Protection Agency, EPA Method 5	Rayong

Guideline :

- Guideline (1) (a) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.
(b) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
- Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Johnson.

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317256

Date Received : Mar 07, 2023
Date Reported : Mar 16, 2023
Report Number: 2569351-1

Page 2 of 2

Sample Number	2317256-1
Sampled Date	Mar 07, 2023
Sample Description	Emission from Stationary Source
Location	หน่วยผลิตไอน้ำ HRSG 21 (GPS 47P 752984, 1402872)
Date Analysis Commenced	Mar 07, 2023
Condition of Sample	Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	760	mmHg	Diameter	2.80	m	Oxygen	14.0	%
Ambient Temperature	34.0	°C	Shape	Circle		Carbon Dioxide	3.6	%
Type of Process	Combustion		Stack Temperature	110	°C	Gas Velocity	25.0	m/s
Type of Fuel	Natural Gas		Moisture	11.07	%	Flow Rate (Actual O2)	383108	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Carbon Monoxide *	11:10 AM - 11:20 AM	g/s	-	-	<0.117	-	-	Calculated	Rayong
Oxides of Nitrogen *	11:00 AM - 11:15 AM	g/s	-	-	0.958	-	3.396	Calculated	Rayong
Sulfur dioxide *	10:40 AM - 12:40 PM	g/s	-	-	<0.085	-	0.378	Calculated	Rayong
Total Suspended Particulate *	10:40 AM - 11:28 AM	g/s	-	-	<0.053	-	0.168	Calculated	Rayong

Guideline :

- Guideline (1) (a) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.
(b) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
- Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampled By : Warawut Pubpa

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317261

Date Received : Mar 09, 2023
Date Reported : Mar 17, 2023
Report Number: 2569352-1

Page 1 of 2

Sample Number	2317261-1
Sampled Date	Mar 09, 2023
Sample Description	Emission from Stationary Source
Location	หน่วยผลิตไอน้ำ HRSG 22 (GPS 47P 0752617, 1402293)
Date Analysis Commenced	Mar 10, 2023
Condition of Sample	Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	759	mmHg	Diameter	2.80	m	Oxygen	14.2	%
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	3.9	%
Type of Process	Combustion		Stack Temperature	108	°C	Gas Velocity	24.2	m/s
Type of Fuel	Natural Gas		Moisture	9.62	%	Flow Rate (Actual O2)	378910	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result		Guideline (1)	Guideline (2)	Method	Testing Location
					at 7 %O ₂	at 14.2 % O ₂				
Air Testing										
Carbon Monoxide *	10:50 AM - 11:00 AM	ppm	-	1.0	2.1	1.01	690 (b)	-	United States Environmental Protection Agency, EPA Method 10	Rayong
Oxides of Nitrogen *	10:30 AM - 10:45 AM	ppm	-	1.06	9.80	4.72	120 (a)	45	United States Environmental Protection Agency, EPA Method 7	Rayong
Sulfur dioxide *	10:20 AM - 12:20 PM	ppm	-	0.3	<0.3	<0.3	20 (a)	3.6	United States Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	10:20 AM - 11:14 AM	mg/m3	-	0.5	<0.5	<0.5	60 (a)	4.20	United States Environmental Protection Agency, EPA Method 5	Rayong

Guideline :

- Guideline (1) (a) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.
(b) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
- Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Johnson

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317261

Date Received : Mar 09, 2023
Date Reported : Mar 17, 2023
Report Number: 2569352-1

Page 2 of 2

Sample Number	2317261-1
Sampled Date	Mar 09, 2023
Sample Description	Emission from Stationary Source
Location	หน่วยผลิตไอน้ำ HRSG 22 (GPS 47P 0752617, 1402293)
Date Analysis Commenced	Mar 10, 2023
Condition of Sample	Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	759	mmHg	Diameter	2.80	m	Oxygen	14.2	%
Ambient Temperature	31.0	°C	Shape	Circle		Carbon Dioxide	3.9	%
Type of Process	Combustion		Stack Temperature	108	°C	Gas Velocity	24.2	m/s
Type of Fuel	Natural Gas		Moisture	9.62	%	Flow Rate (Actual O2)	378910	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Carbon Monoxide *	10:50 AM - 11:00 AM	g/s	-	-	0.12	-	-	Calculated	Rayong
Oxides of Nitrogen *	10:30 AM - 10:45 AM	g/s	-	-	0.941	-	3.396	Calculated	Rayong
Sulfur dioxide *	10:20 AM - 12:20 PM	g/s	-	-	<0.084	-	0.378	Calculated	Rayong
Total Suspended Particulate *	10:20 AM - 11:14 AM	g/s	-	-	<0.053	-	0.168	Calculated	Rayong

Guideline :

- Guideline (1) (a) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.
(b) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
- Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampled By : Warawut Pubpa

Remark :

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Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317262

Date Received : Mar 10, 2023
Date Reported : Mar 17, 2023
Report Number: 2569354-1

Page 1 of 2

Sample Number	2317262-1
Sampled Date	Mar 10, 2023
Sample Description	Emission from Stationary Source
Location	หน่วยผลิตไอน้ำ HRSG 31 (GPS 47P 0752500, 1402385)
Date Analysis Commenced	Mar 11, 2023
Condition of Sample	Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	759	mmHg	Diameter	2.80	m	Oxygen	14.2	%
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	3.9	%
Type of Process	Combustion		Stack Temperature	109	°C	Gas Velocity	21.6	m/s
Type of Fuel	Natural Gas		Moisture	9.57	%	Flow Rate (Actual O2)	336512	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 14.2 % O ₂		Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Carbon Monoxide *	10:50 AM - 11:00 AM	ppm	-	1.0	<1.0	<1.0	690 (b)	-	United States Environmental Protection Agency, EPA Method 10	Rayong
Oxides of Nitrogen *	10:30 AM - 10:45 AM	ppm	-	1.06	16.7	8.05	120 (a)	45	United States Environmental Protection Agency, EPA Method 7	Rayong
Sulfur dioxide *	10:20 AM - 12:20 PM	ppm	-	0.3	<0.3	<0.3	20 (a)	3.6	United States Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	10:20 AM - 11:20 AM	mg/m3	-	0.5	<0.5	<0.5	60 (a)	4.20	United States Environmental Protection Agency, EPA Method 5	Rayong

Guideline :

- Guideline (1) (a) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.
(b) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
- Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Johnson.

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317262

Date Received : Mar 10, 2023
Date Reported : Mar 17, 2023
Report Number: 2569354-1

Page 2 of 2

Sample Number	2317262-1
Sampled Date	Mar 10, 2023
Sample Description	Emission from Stationary Source
Location	หน่วยผลิตไอน้ำ HRSG 31 (GPS 47P 0752500, 1402385)
Date Analysis Commenced	Mar 11, 2023
Condition of Sample	Extracted into three 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	759	mmHg	Diameter	2.80	m	Oxygen	14.2	%
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	3.9	%
Type of Process	Combustion		Stack Temperature	109	°C	Gas Velocity	21.6	m/s
Type of Fuel	Natural Gas		Moisture	9.57	%	Flow Rate (Actual O2)	336512	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Carbon Monoxide *	10:50 AM - 11:00 AM	g/s	-	-	<0.103	-	-	Calculated	Rayong
Oxides of Nitrogen *	10:30 AM - 10:45 AM	g/s	-	-	1.425	-	3.396	Calculated	Rayong
Sulfur dioxide *	10:20 AM - 12:20 PM	g/s	-	-	<0.07	-	0.378	Calculated	Rayong
Total Suspended Particulate *	10:20 AM - 11:20 AM	g/s	-	-	<0.047	-	0.168	Calculated	Rayong

Guideline :

- Guideline (1) (a) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.
(b) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
- Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampled By : Warawut Pubpa

Remark :

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Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon

Dej Changchon
Senior Manager

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317263

Date Received : Mar 08, 2023
Date Reported : Mar 16, 2023
Report Number: 2569356-1

Page 1 of 2

Sample Number 2317263-1
Sampled Date Mar 08, 2023
Sample Description Emission from Stationary Source
Location หน่วยผลิตไอน้ำ HRSG 32 (GPS 47P 752558, 1402412)
Date Analysis Commenced Mar 09, 2023
Condition of Sample Extracted into two 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	760	mmHg	Diameter	2.80	m	Oxygen	14.9	%
Ambient Temperature	34.0	°C	Shape	Circle		Carbon Dioxide	3.1	%
Type of Process	Combustion		Stack Temperature	114	°C	Gas Velocity	21.7	m/s
Type of Fuel	Natural Gas		Moisture	9.95	%	Flow Rate (Actual O2)	333817	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result		Guideline (1)	Guideline (2)	Method	Testing Location
					at 7 %O ₂	at 14.9 % O ₂				
Air Testing										
Carbon Monoxide *	10:50 AM - 11:00 AM	ppm	-	1.0	2.3	0.99	690 (b)	-	United States Environmental Protection Agency, EPA Method 10	Rayong
Oxides of Nitrogen *	10:40 AM - 10:50 AM	ppm	-	1.06	27.7	11.96	120 (a)	45	United States Environmental Protection Agency, EPA Method 7	Rayong
Sulfur dioxide *	10:20 AM - 12:20 PM	ppm	-	0.3	<0.3	<0.3	20 (a)	3.6	United States Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	10:20 AM - 11:20 AM	mg/m3	-	0.5	<0.5	<0.5	60 (a)	4.20	United States Environmental Protection Agency, EPA Method 5	Rayong

Guideline :

- Guideline (1) (a) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.
(b) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
- Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Technical Management

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Thanita Kulsuriwong
Scientist (4)
ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Johnson

Dej Changchon
Senior Manager
ทะเบียนเลขที่ ว-323-ค-9442

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



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317263

Date Received : Mar 08, 2023
Date Reported : Mar 16, 2023
Report Number: 2569356-1

Page 2 of 2

Sample Number	2317263-1
Sampled Date	Mar 08, 2023
Sample Description	Emission from Stationary Source
Location	หน่วยผลิตไอน้ำ HRSG 32 (GPS 47P 752558, 1402412)
Date Analysis Commenced	Mar 09, 2023
Condition of Sample	Extracted into two 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	760	mmHg	Diameter	2.80	m	Oxygen	14.9	%
Ambient Temperature	34.0	°C	Shape	Circle		Carbon Dioxide	3.1	%
Type of Process	Combustion		Stack Temperature	114	°C	Gas Velocity	21.7	m/s
Type of Fuel	Natural Gas		Moisture	9.95	%	Flow Rate (Actual O2)	333817	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Carbon Monoxide *	10:50 AM - 11:00 AM	g/s	-	-	0.11	-	-	Calculated	Rayong
Oxides of Nitrogen *	10:40 AM - 10:50 AM	g/s	-	-	2.085	-	3.396	Calculated	Rayong
Sulfur dioxide *	10:20 AM - 12:20 PM	g/s	-	-	<0.074	-	0.378	Calculated	Rayong
Total Suspended Particulate *	10:20 AM - 11:20 AM	g/s	-	-	<0.005	-	0.168	Calculated	Rayong

Guideline :

- Guideline (1) (a) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.
(b) Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)
- Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampled By : Warawut Pubpa

Remark :

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Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon

Dej Changchon
Senior Manager

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



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317264

Date Received : Mar 08, 2023
Date Reported : Mar 16, 2023
Report Number: 2569361-1

Page 1 of 2

Sample Number	2317264-1
Sampled Date	Mar 08, 2023
Sample Description	Emission from Stationary Source
Location	เครื่องผลิตไอน้ำ Auxiliary Boiler (GPS 47P 752500 1402477)
Date Analysis Commenced	Mar 09, 2023
Condition of Sample	Extracted into two 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	760	mmHg	Diameter	3.40	m	Oxygen	8.7	%
Ambient Temperature	34.0	°C	Shape	Circle		Carbon Dioxide	7.1	%
Type of Process	Combustion		Stack Temperature	121	°C	Gas Velocity	2.5	m/s
Type of Fuel	Natural Gas		Moisture	10.56	%	Flow Rate (Actual O2)	55683	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result at 7 %O ₂ at 8.7 % O ₂		Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing										
Carbon Monoxide *	01:20 PM - 01:30 PM	ppm	-	1.0	4.8	4.21	690	-	United States Environmental Protection Agency, EPA Method 10	Rayong
Oxides of Nitrogen *	01:05 PM - 01:15 PM	ppm	-	1.06	4.6	4.04	200	25	United States Environmental Protection Agency, EPA Method 7	Rayong
Sulfur dioxide *	01:00 PM - 03:00 PM	ppm	-	0.3	<0.3	<0.3	60	1.0	United States Environmental Protection Agency, EPA Method 6	Rayong
Total Suspended Particulate	01:00 PM - 01:48 PM	mg/m3	-	0.5	<0.5	<0.5	320	3.0	United States Environmental Protection Agency, EPA Method 5	Rayong

Guideline :

Guideline (1) Notification of the Ministry of Natural Resources and Environment, 2006 (B.E. 2549) on Emission Standard for a factory.
Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Johnson.

Dej Changchon
Senior Manager

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



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317264

Date Received : Mar 08, 2023
Date Reported : Mar 16, 2023
Report Number: 2569361-1

Page 2 of 2

Sample Number	2317264-1
Sampled Date	Mar 08, 2023
Sample Description	Emission from Stationary Source
Location	เครื่องผลิตไอน้ำ Auxiliary Boiler (GPS 47P 752500 1402477)
Date Analysis Commenced	Mar 09, 2023
Condition of Sample	Extracted into two 2-L collection flasks, one filter paper placed in plastic petri dish, one plastic bottle, one 10-L air sampling bag and one amber plastic bottle, refrigerated

Stack Description

Ambient Pressure	760	mmHg	Diameter	3.40	m	Oxygen	8.7	%
Ambient Temperature	34.0	°C	Shape	Circle		Carbon Dioxide	7.1	%
Type of Process	Combustion		Stack Temperature	121	°C	Gas Velocity	2.5	m/s
Type of Fuel	Natural Gas		Moisture	10.56	%	Flow Rate (Actual O2)	55683	Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Carbon Monoxide *	01:20 PM - 01:30 PM	g/s	-	-	0.07	-	-	Calculated	Rayong
Oxides of Nitrogen *	01:05 PM - 01:15 PM	g/s	-	-	0.118	-	0.959	Calculated	Rayong
Sulfur dioxide *	01:00 PM - 03:00 PM	g/s	-	-	<0.012	-	0.053	Calculated	Rayong
Total Suspended Particulate *	01:00 PM - 01:48 PM	g/s	-	-	<0.008	-	0.061	Calculated	Rayong

Guideline :

Guideline (1) Notification of the Ministry of Natural Resources and Environment, 2006 (B.E. 2549) on Emission Standard for a factory.
Notification of the Ministry of Industry 2006 (B.E. 2549) Published in the Royal Government Gazette, Vol.123 Special Part 125 D, dated December 4, 2006 (B.E. 2549)

Guideline (2) Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampled By : Warawut Pubpa

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

ทะเบียนเลขที่ ว-323-จ-9447

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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ภาคผนวก ค-4

ระดับเสียงโดยทั่วไป



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051491
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023
Date Reported : Mar 22, 2023
Report Number: 2599208-1

Page 1 of 1

Sample Number 2317227-1
Parameter Noise (Leq 24 hrs.)
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 07 - Mar 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623387

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	47.6	71.6	45.1
01:00 PM - 02:00 PM	48.5	62.8	46.4
02:00 PM - 03:00 PM	48.5	70.8	46.6
03:00 PM - 04:00 PM	48.1	65.6	45.8
04:00 PM - 05:00 PM	48.0	61.3	45.9
05:00 PM - 06:00 PM	48.1	63.1	46.1
06:00 PM - 07:00 PM	49.2	70.9	47.1
07:00 PM - 08:00 PM	48.5	58.5	47.4
08:00 PM - 09:00 PM	49.0	57.6	47.4
09:00 PM - 10:00 PM	47.7	57.9	46.5
10:00 PM - 11:00 PM	46.2	54.1	45.2
11:00 PM - 12:00 AM	45.9	50.3	45.1
12:00 AM - 01:00 AM	47.0	53.6	46.1
01:00 AM - 02:00 AM	49.3	72.7	46.2
02:00 AM - 03:00 AM	46.9	61.4	46.1
03:00 AM - 04:00 AM	47.8	53.6	46.9
04:00 AM - 05:00 AM	48.7	71.4	47.3
05:00 AM - 06:00 AM	50.7	68.7	48.3
06:00 AM - 07:00 AM	50.9	67.9	48.0
07:00 AM - 08:00 AM	50.1	78.1	47.4
08:00 AM - 09:00 AM	46.6	65.0	42.4
09:00 AM - 10:00 AM	45.8	65.2	41.3
10:00 AM - 11:00 AM	46.1	72.8	43.0
11:00 AM - 12:00 PM	46.0	63.3	43.7

Leq Average 24 hrs. (dB(A)) 48.2
Lmax (dB(A)) 78.1
L90 (dB(A)) 46.1
Ldn (dB(A)) 54.9

Standard (dB(A))

70

115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599209-1

Page 1 of 1

Sample Number 2317227-2
Parameter Noise (Leq 24 hrs.)
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 08 - Mar 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623387

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	46.6	59.6	44.6
01:00 PM - 02:00 PM	47.4	62.8	45.5
02:00 PM - 03:00 PM	48.2	65.7	46.0
03:00 PM - 04:00 PM	47.8	63.0	46.0
04:00 PM - 05:00 PM	48.2	63.8	46.3
05:00 PM - 06:00 PM	48.6	70.0	46.6
06:00 PM - 07:00 PM	50.0	64.1	48.3
07:00 PM - 08:00 PM	51.5	58.3	50.2
08:00 PM - 09:00 PM	49.9	60.7	48.2
09:00 PM - 10:00 PM	47.3	58.9	46.3
10:00 PM - 11:00 PM	47.3	62.2	46.0
11:00 PM - 12:00 AM	46.9	58.8	45.6
12:00 AM - 01:00 AM	48.9	57.3	47.2
01:00 AM - 02:00 AM	47.0	56.6	45.7
02:00 AM - 03:00 AM	46.9	52.9	45.8
03:00 AM - 04:00 AM	46.6	66.3	44.9
04:00 AM - 05:00 AM	45.8	56.2	44.5
05:00 AM - 06:00 AM	48.3	65.8	44.7
06:00 AM - 07:00 AM	50.7	66.3	48.4
07:00 AM - 08:00 AM	49.2	66.3	47.0
08:00 AM - 09:00 AM	47.0	73.6	43.7
09:00 AM - 10:00 AM	46.5	68.6	43.7
10:00 AM - 11:00 AM	47.3	63.6	45.1
11:00 AM - 12:00 PM	47.5	65.3	44.5

Leq Average 24 hrs. (dB(A)) 48.2
Lmax (dB(A)) 73.6
L90 (dB(A)) 45.8
Ldn (dB(A)) 54.4
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599210-1

Page 1 of 1

Sample Number 2317227-3
Parameter Noise (Leq 24 hrs.)
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 09 - Mar 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623387

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	47.2	60.7	45.3
01:00 PM - 02:00 PM	49.9	70.1	46.8
02:00 PM - 03:00 PM	48.8	67.1	46.8
03:00 PM - 04:00 PM	48.4	65.1	46.1
04:00 PM - 05:00 PM	48.0	63.7	46.2
05:00 PM - 06:00 PM	47.5	59.5	46.1
06:00 PM - 07:00 PM	49.9	67.1	47.8
07:00 PM - 08:00 PM	50.8	59.8	49.8
08:00 PM - 09:00 PM	49.2	58.4	48.0
09:00 PM - 10:00 PM	49.3	59.7	48.1
10:00 PM - 11:00 PM	48.4	62.5	47.3
11:00 PM - 12:00 AM	48.2	64.2	46.8
12:00 AM - 01:00 AM	49.0	66.8	47.3
01:00 AM - 02:00 AM	46.8	53.5	45.2
02:00 AM - 03:00 AM	46.2	59.0	45.0
03:00 AM - 04:00 AM	45.2	49.1	44.4
04:00 AM - 05:00 AM	46.7	66.6	45.7
05:00 AM - 06:00 AM	48.8	66.0	46.1
06:00 AM - 07:00 AM	49.6	66.6	47.2
07:00 AM - 08:00 AM	48.8	66.5	45.9
08:00 AM - 09:00 AM	46.3	64.3	43.1
09:00 AM - 10:00 AM	45.9	61.9	42.4
10:00 AM - 11:00 AM	47.0	73.6	44.0
11:00 AM - 12:00 PM	46.6	63.5	44.6

Leq Average 24 hrs. (dB(A)) 48.3
Lmax (dB(A)) 73.6
L90 (dB(A)) 46.1
Ldn (dB(A)) 54.4
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599211-1

Page 1 of 1

Sample Number 2317227-4
Parameter Noise (Leq 24 hrs.)
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 10 - Mar 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623387

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	47.1	60.7	44.8
01:00 PM - 02:00 PM	48.3	62.6	46.4
02:00 PM - 03:00 PM	48.4	63.5	46.6
03:00 PM - 04:00 PM	47.8	63.3	46.1
04:00 PM - 05:00 PM	47.9	60.6	46.2
05:00 PM - 06:00 PM	48.2	64.1	46.4
06:00 PM - 07:00 PM	51.7	72.7	49.5
07:00 PM - 08:00 PM	55.3	66.4	53.7
08:00 PM - 09:00 PM	52.3	61.0	50.0
09:00 PM - 10:00 PM	49.7	56.5	48.0
10:00 PM - 11:00 PM	48.0	58.6	47.0
11:00 PM - 12:00 AM	47.3	62.6	46.3
12:00 AM - 01:00 AM	47.2	55.1	45.9
01:00 AM - 02:00 AM	47.4	57.2	46.1
02:00 AM - 03:00 AM	48.6	67.0	47.0
03:00 AM - 04:00 AM	46.8	65.9	45.0
04:00 AM - 05:00 AM	46.1	66.5	43.7
05:00 AM - 06:00 AM	50.1	67.3	43.8
06:00 AM - 07:00 AM	50.2	72.4	45.7
07:00 AM - 08:00 AM	49.1	70.8	44.8
08:00 AM - 09:00 AM	47.3	70.6	43.6
09:00 AM - 10:00 AM	46.8	62.7	44.2
10:00 AM - 11:00 AM	46.8	63.0	44.7
11:00 AM - 12:00 PM	48.0	62.6	45.1

Leq Average 24 hrs. (dB(A)) 49.2
Lmax (dB(A)) 72.7
L90 (dB(A)) 46.1
Ldn (dB(A)) 54.9
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599212-1

Page 1 of 1

Sample Number 2317227-5
Parameter Noise (Leq 24 hrs.)
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 11 - Mar 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623387

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	47.2	61.4	45.1
01:00 PM - 02:00 PM	48.3	64.6	46.1
02:00 PM - 03:00 PM	48.2	65.5	46.1
03:00 PM - 04:00 PM	49.2	66.2	46.7
04:00 PM - 05:00 PM	49.2	66.2	46.6
05:00 PM - 06:00 PM	48.9	68.7	46.7
06:00 PM - 07:00 PM	50.4	61.0	48.6
07:00 PM - 08:00 PM	50.7	61.3	49.3
08:00 PM - 09:00 PM	49.6	59.8	48.0
09:00 PM - 10:00 PM	49.4	63.9	47.7
10:00 PM - 11:00 PM	50.0	58.7	47.8
11:00 PM - 12:00 AM	50.6	56.2	48.5
12:00 AM - 01:00 AM	50.1	63.0	48.0
01:00 AM - 02:00 AM	49.3	57.2	46.9
02:00 AM - 03:00 AM	45.8	54.5	44.4
03:00 AM - 04:00 AM	44.8	61.2	43.2
04:00 AM - 05:00 AM	44.7	57.1	43.4
05:00 AM - 06:00 AM	49.5	69.1	44.4
06:00 AM - 07:00 AM	50.7	68.3	46.5
07:00 AM - 08:00 AM	48.3	67.0	45.2
08:00 AM - 09:00 AM	47.4	65.3	45.4
09:00 AM - 10:00 AM	46.8	67.5	44.1
10:00 AM - 11:00 AM	47.3	67.6	44.4
11:00 AM - 12:00 PM	47.0	67.3	44.7

Leq Average 24 hrs. (dB(A)) 48.8
Lmax (dB(A)) 69.1
L90 (dB(A)) 46.1
Ldn (dB(A)) 55.3
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599213-1

Page 1 of 1

Sample Number 2317227-6
Parameter Noise (Leq 24 hrs.)
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 12 - Mar 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623387

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	48.0	65.7	45.2
01:00 PM - 02:00 PM	47.3	63.7	45.3
02:00 PM - 03:00 PM	47.7	63.9	45.5
03:00 PM - 04:00 PM	47.6	64.5	45.4
04:00 PM - 05:00 PM	48.9	66.3	46.0
05:00 PM - 06:00 PM	47.9	65.3	45.9
06:00 PM - 07:00 PM	49.6	65.3	47.2
07:00 PM - 08:00 PM	51.0	63.0	49.2
08:00 PM - 09:00 PM	50.8	56.9	48.6
09:00 PM - 10:00 PM	48.6	57.7	47.2
10:00 PM - 11:00 PM	49.5	57.5	47.6
11:00 PM - 12:00 AM	49.3	58.3	47.7
12:00 AM - 01:00 AM	47.1	56.6	45.7
01:00 AM - 02:00 AM	47.0	62.3	45.4
02:00 AM - 03:00 AM	47.6	66.4	45.7
03:00 AM - 04:00 AM	47.6	62.5	45.1
04:00 AM - 05:00 AM	48.0	76.5	44.8
05:00 AM - 06:00 AM	51.6	66.9	45.0
06:00 AM - 07:00 AM	52.0	74.0	47.5
07:00 AM - 08:00 AM	49.1	65.2	46.4
08:00 AM - 09:00 AM	49.2	66.1	45.5
09:00 AM - 10:00 AM	50.0	75.1	46.1
10:00 AM - 11:00 AM	47.6	67.7	44.3
11:00 AM - 12:00 PM	45.2	67.6	42.6

Leq Average 24 hrs. (dB(A)) 49.0
Lmax (dB(A)) 76.5
L90 (dB(A)) 45.7
Ldn (dB(A)) 55.6
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599214-1

Page 1 of 1

Sample Number 2317227-7
Parameter Noise (Leq 24 hrs.)
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 13 - Mar 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623387

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	46.8	72.0	43.4
01:00 PM - 02:00 PM	46.2	62.9	43.7
02:00 PM - 03:00 PM	46.6	65.6	42.9
03:00 PM - 04:00 PM	48.3	67.7	44.8
04:00 PM - 05:00 PM	49.1	71.4	45.5
05:00 PM - 06:00 PM	48.2	64.7	46.3
06:00 PM - 07:00 PM	50.3	71.9	47.1
07:00 PM - 08:00 PM	49.0	57.0	47.8
08:00 PM - 09:00 PM	47.6	53.6	46.3
09:00 PM - 10:00 PM	46.8	57.0	45.5
10:00 PM - 11:00 PM	46.4	58.2	44.9
11:00 PM - 12:00 AM	46.3	54.9	45.3
12:00 AM - 01:00 AM	44.3	50.6	43.5
01:00 AM - 02:00 AM	44.4	52.7	43.4
02:00 AM - 03:00 AM	44.0	51.9	43.2
03:00 AM - 04:00 AM	44.8	68.9	42.9
04:00 AM - 05:00 AM	45.3	57.7	44.5
05:00 AM - 06:00 AM	50.2	69.5	45.7
06:00 AM - 07:00 AM	50.9	72.2	47.7
07:00 AM - 08:00 AM	48.8	68.9	46.3
08:00 AM - 09:00 AM	47.1	64.8	44.2
09:00 AM - 10:00 AM	50.0	67.3	47.2
10:00 AM - 11:00 AM	50.4	66.6	48.3
11:00 AM - 12:00 PM	51.6	66.2	48.7

Leq Average 24 hrs. (dB(A)) 48.2
Lmax (dB(A)) 72.2
L90 (dB(A)) 45.3
Ldn (dB(A)) 53.8
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599215-1

Page 1 of 1

Sample Number 2317227-8
Parameter Noise (Leq 24 hrs.)
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 07 - Mar 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623388

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	53.5	89.8	43.4
11:00 AM - 12:00 PM	50.5	72.5	43.2
12:00 PM - 01:00 PM	49.6	79.9	42.7
01:00 PM - 02:00 PM	49.4	67.8	43.0
02:00 PM - 03:00 PM	49.3	73.2	43.0
03:00 PM - 04:00 PM	51.1	68.6	45.2
04:00 PM - 05:00 PM	51.3	71.1	46.3
05:00 PM - 06:00 PM	51.9	79.1	44.7
06:00 PM - 07:00 PM	55.9	68.4	52.6
07:00 PM - 08:00 PM	54.3	87.0	48.0
08:00 PM - 09:00 PM	51.2	70.1	48.0
09:00 PM - 10:00 PM	49.5	62.6	47.6
10:00 PM - 11:00 PM	48.5	64.6	46.3
11:00 PM - 12:00 AM	48.1	66.0	46.2
12:00 AM - 01:00 AM	49.3	77.9	46.2
01:00 AM - 02:00 AM	47.6	70.9	45.4
02:00 AM - 03:00 AM	48.1	64.0	45.1
03:00 AM - 04:00 AM	47.6	69.4	44.9
04:00 AM - 05:00 AM	47.3	62.3	44.8
05:00 AM - 06:00 AM	51.2	83.6	45.0
06:00 AM - 07:00 AM	54.9	73.0	47.9
07:00 AM - 08:00 AM	52.7	74.1	46.4
08:00 AM - 09:00 AM	51.7	72.6	45.0
09:00 AM - 10:00 AM	49.8	69.4	43.4

Leq Average 24 hrs. (dB(A)) 51.3
Lmax (dB(A)) 89.8
L90 (dB(A)) 45.1
Ldn (dB(A)) 56.7
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599216-1

Page 1 of 1

Sample Number 2317227-9
Parameter Noise (Leq 24 hrs.)
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 08 - Mar 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623388

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	48.7	69.9	40.8
11:00 AM - 12:00 PM	51.8	85.2	40.3
12:00 PM - 01:00 PM	49.7	73.9	43.0
01:00 PM - 02:00 PM	50.7	69.6	43.8
02:00 PM - 03:00 PM	50.1	80.1	43.2
03:00 PM - 04:00 PM	50.3	74.6	44.7
04:00 PM - 05:00 PM	50.1	77.1	45.1
05:00 PM - 06:00 PM	51.0	76.3	45.1
06:00 PM - 07:00 PM	53.6	68.9	49.7
07:00 PM - 08:00 PM	53.4	80.3	49.9
08:00 PM - 09:00 PM	50.7	68.2	47.7
09:00 PM - 10:00 PM	53.4	75.9	46.1
10:00 PM - 11:00 PM	50.6	70.6	46.6
11:00 PM - 12:00 AM	49.4	72.2	46.0
12:00 AM - 01:00 AM	53.4	84.5	46.8
01:00 AM - 02:00 AM	47.9	75.8	46.2
02:00 AM - 03:00 AM	51.3	80.2	45.9
03:00 AM - 04:00 AM	47.2	66.4	44.9
04:00 AM - 05:00 AM	47.4	63.4	43.9
05:00 AM - 06:00 AM	50.5	68.5	47.0
06:00 AM - 07:00 AM	54.8	82.8	49.0
07:00 AM - 08:00 AM	54.2	73.3	47.7
08:00 AM - 09:00 AM	52.8	74.3	45.6
09:00 AM - 10:00 AM	51.0	67.8	43.9

Leq Average 24 hrs. (dB(A)) 51.5
Lmax (dB(A)) 85.2
L90 (dB(A)) 45.6
Ldn (dB(A)) 57.5
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599217-1

Page 1 of 1

Sample Number 2317227-10
Parameter Noise (Leq 24 hrs.)
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 09 - Mar 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623388

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.9	64.9	43.7
11:00 AM - 12:00 PM	49.2	68.5	42.5
12:00 PM - 01:00 PM	49.6	67.2	44.3
01:00 PM - 02:00 PM	48.3	60.1	44.3
02:00 PM - 03:00 PM	48.7	72.0	44.3
03:00 PM - 04:00 PM	52.4	77.5	47.8
04:00 PM - 05:00 PM	54.5	70.1	50.9
05:00 PM - 06:00 PM	50.9	67.6	46.5
06:00 PM - 07:00 PM	53.4	75.4	48.8
07:00 PM - 08:00 PM	51.2	71.4	47.6
08:00 PM - 09:00 PM	50.1	74.1	47.4
09:00 PM - 10:00 PM	49.1	80.1	46.4
10:00 PM - 11:00 PM	50.7	78.1	47.7
11:00 PM - 12:00 AM	49.6	74.5	48.1
12:00 AM - 01:00 AM	48.3	62.2	47.1
01:00 AM - 02:00 AM	48.1	70.8	47.1
02:00 AM - 03:00 AM	47.3	67.6	45.8
03:00 AM - 04:00 AM	46.4	57.4	45.5
04:00 AM - 05:00 AM	47.6	64.6	45.3
05:00 AM - 06:00 AM	51.3	74.2	46.2
06:00 AM - 07:00 AM	53.6	73.7	49.0
07:00 AM - 08:00 AM	53.8	71.8	47.9
08:00 AM - 09:00 AM	52.1	71.1	46.2
09:00 AM - 10:00 AM	52.8	73.9	45.7

Leq Average 24 hrs. (dB(A)) 50.9
Lmax (dB(A)) 80.1
L90 (dB(A)) 46.4
Ldn (dB(A)) 56.5
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599218-1

Page 1 of 1

Sample Number 2317227-11
Parameter Noise (Leq 24 hrs.)
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 10 - Mar 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623388

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.0	75.0	43.8
11:00 AM - 12:00 PM	51.4	68.5	42.4
12:00 PM - 01:00 PM	50.0	72.8	40.7
01:00 PM - 02:00 PM	51.8	69.1	45.4
02:00 PM - 03:00 PM	53.2	70.1	46.8
03:00 PM - 04:00 PM	53.6	71.5	47.4
04:00 PM - 05:00 PM	53.8	72.0	46.9
05:00 PM - 06:00 PM	52.1	72.3	45.9
06:00 PM - 07:00 PM	54.6	69.9	50.5
07:00 PM - 08:00 PM	50.4	71.4	47.1
08:00 PM - 09:00 PM	52.7	81.4	47.0
09:00 PM - 10:00 PM	50.1	68.0	47.3
10:00 PM - 11:00 PM	49.4	66.2	47.3
11:00 PM - 12:00 AM	50.0	68.1	47.8
12:00 AM - 01:00 AM	48.5	67.1	46.7
01:00 AM - 02:00 AM	49.4	71.2	46.6
02:00 AM - 03:00 AM	48.8	66.7	46.7
03:00 AM - 04:00 AM	48.8	61.9	47.5
04:00 AM - 05:00 AM	49.2	66.1	45.9
05:00 AM - 06:00 AM	53.1	84.0	46.5
06:00 AM - 07:00 AM	54.6	81.3	48.9
07:00 AM - 08:00 AM	53.0	76.3	46.9
08:00 AM - 09:00 AM	56.3	75.0	47.9
09:00 AM - 10:00 AM	50.5	65.0	44.8

Leq Average 24 hrs. (dB(A)) 52.1
Lmax (dB(A)) 84.0
L90 (dB(A)) 46.8
Ldn (dB(A)) 57.5
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599219-1

Page 1 of 1

Sample Number 2317227-12
Parameter Noise (Leq 24 hrs.)
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 11 - Mar 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623388

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.4	74.1	44.8
11:00 AM - 12:00 PM	52.3	72.1	46.8
12:00 PM - 01:00 PM	52.2	70.4	46.7
01:00 PM - 02:00 PM	52.0	66.7	46.2
02:00 PM - 03:00 PM	52.3	76.7	46.5
03:00 PM - 04:00 PM	51.9	66.9	47.2
04:00 PM - 05:00 PM	52.4	72.2	46.7
05:00 PM - 06:00 PM	52.4	70.1	45.4
06:00 PM - 07:00 PM	52.5	74.3	47.3
07:00 PM - 08:00 PM	50.2	72.2	45.8
08:00 PM - 09:00 PM	49.8	68.2	46.8
09:00 PM - 10:00 PM	50.3	68.1	46.5
10:00 PM - 11:00 PM	49.5	69.1	46.6
11:00 PM - 12:00 AM	50.6	67.8	46.5
12:00 AM - 01:00 AM	46.8	65.8	45.0
01:00 AM - 02:00 AM	46.6	61.9	44.6
02:00 AM - 03:00 AM	46.1	66.2	44.2
03:00 AM - 04:00 AM	46.2	61.2	44.4
04:00 AM - 05:00 AM	47.6	60.9	45.3
05:00 AM - 06:00 AM	49.6	68.1	45.2
06:00 AM - 07:00 AM	54.3	77.2	48.4
07:00 AM - 08:00 AM	54.9	77.3	45.8
08:00 AM - 09:00 AM	53.2	74.5	44.7
09:00 AM - 10:00 AM	52.8	78.7	44.6

Leq Average 24 hrs. (dB(A)) 51.4
Lmax (dB(A)) 78.7
L90 (dB(A)) 45.8
Ldn (dB(A)) 56.4
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051491
Project Name : EIA Monitoring
Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023
Date Reported : Mar 22, 2023
Report Number: 2599220-1

Page 1 of 1

Sample Number 2317227-13
Parameter Noise (Leq 24 hrs.)
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 12 - Mar 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623388

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.5	72.7	44.0
11:00 AM - 12:00 PM	50.5	66.7	42.5
12:00 PM - 01:00 PM	50.4	74.3	44.0
01:00 PM - 02:00 PM	51.3	68.6	44.0
02:00 PM - 03:00 PM	50.8	74.2	44.6
03:00 PM - 04:00 PM	51.0	70.0	44.7
04:00 PM - 05:00 PM	52.3	71.9	45.2
05:00 PM - 06:00 PM	50.9	70.8	44.8
06:00 PM - 07:00 PM	52.5	68.1	48.7
07:00 PM - 08:00 PM	49.5	74.1	46.0
08:00 PM - 09:00 PM	50.6	75.3	46.2
09:00 PM - 10:00 PM	47.2	65.9	44.8
10:00 PM - 11:00 PM	49.1	70.8	46.9
11:00 PM - 12:00 AM	49.0	67.5	45.1
12:00 AM - 01:00 AM	49.0	66.6	45.6
01:00 AM - 02:00 AM	47.5	64.2	45.8
02:00 AM - 03:00 AM	44.8	63.1	43.2
03:00 AM - 04:00 AM	53.3	87.5	43.0
04:00 AM - 05:00 AM	46.3	70.0	43.1
05:00 AM - 06:00 AM	53.8	73.8	46.4
06:00 AM - 07:00 AM	52.8	70.3	46.8
07:00 AM - 08:00 AM	54.7	72.5	46.6
08:00 AM - 09:00 AM	51.5	71.2	45.4
09:00 AM - 10:00 AM	52.5	77.0	44.3

Leq Average 24 hrs. (dB(A)) 51.2
Lmax (dB(A)) 87.5
L90 (dB(A)) 44.8
Ldn (dB(A)) 57.1
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O : 3020051491

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317227

Date Received : Mar 17, 2023

Date Reported : Mar 22, 2023

Report Number: 2599221-1

Page 1 of 1

Sample Number 2317227-14
Parameter Noise (Leq 24 hrs.)
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 13 - Mar 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level meter Serial No. 623388

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	51.5	70.2	44.3
11:00 AM - 12:00 PM	49.7	69.2	42.5
12:00 PM - 01:00 PM	49.4	70.1	42.6
01:00 PM - 02:00 PM	54.8	81.3	43.1
02:00 PM - 03:00 PM	49.6	73.4	43.0
03:00 PM - 04:00 PM	51.1	67.7	43.3
04:00 PM - 05:00 PM	50.6	75.3	43.2
05:00 PM - 06:00 PM	51.0	66.8	44.6
06:00 PM - 07:00 PM	53.2	71.8	49.2
07:00 PM - 08:00 PM	52.2	67.7	49.5
08:00 PM - 09:00 PM	51.7	66.8	49.8
09:00 PM - 10:00 PM	52.0	68.0	49.9
10:00 PM - 11:00 PM	50.8	68.2	49.4
11:00 PM - 12:00 AM	49.8	63.8	48.7
12:00 AM - 01:00 AM	53.0	69.6	48.5
01:00 AM - 02:00 AM	49.8	65.3	48.7
02:00 AM - 03:00 AM	48.3	56.8	47.1
03:00 AM - 04:00 AM	47.4	61.6	45.1
04:00 AM - 05:00 AM	47.6	61.1	44.4
05:00 AM - 06:00 AM	51.0	65.0	47.1
06:00 AM - 07:00 AM	55.3	72.4	47.4
07:00 AM - 08:00 AM	53.5	78.2	47.3
08:00 AM - 09:00 AM	54.3	73.5	46.9
09:00 AM - 10:00 AM	57.5	81.3	44.9

Leq Average 24 hrs. (dB(A)) 52.2
Lmax (dB(A)) 81.3
L90 (dB(A)) 46.9
Ldn (dB(A)) 57.8
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620940-1

Page 1 of 1

Sample Number 2334906-1
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 1 ทิศตะวันตก (N3) (GPS 47P 0752500, 1402339)
Measurement Date Mar 29 - Mar 30, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	66.4	73.3	65.8
12:00 PM - 01:00 PM	66.5	69.4	65.8
01:00 PM - 02:00 PM	66.6	75.8	65.9
02:00 PM - 03:00 PM	66.7	74.5	66.0
03:00 PM - 04:00 PM	66.3	72.7	65.6
04:00 PM - 05:00 PM	66.3	69.8	65.6
05:00 PM - 06:00 PM	66.8	73.0	66.1
06:00 PM - 07:00 PM	67.2	70.5	66.4
07:00 PM - 08:00 PM	67.8	75.5	67.2
08:00 PM - 09:00 PM	67.9	70.3	67.4
09:00 PM - 10:00 PM	67.8	73.8	67.3
10:00 PM - 11:00 PM	67.5	72.0	67.0
11:00 PM - 12:00 AM	67.7	69.4	67.3
12:00 AM - 01:00 AM	67.3	69.9	66.7
01:00 AM - 02:00 AM	66.9	68.5	66.4
02:00 AM - 03:00 AM	66.8	68.1	66.4
03:00 AM - 04:00 AM	66.8	68.6	66.4
04:00 AM - 05:00 AM	66.8	68.2	66.4
05:00 AM - 06:00 AM	67.0	74.1	66.6
06:00 AM - 07:00 AM	67.0	73.2	66.6
07:00 AM - 08:00 AM	66.7	72.7	66.3
08:00 AM - 09:00 AM	67.1	73.1	66.4
09:00 AM - 10:00 AM	66.9	71.3	66.3
10:00 AM - 11:00 AM	66.8	72.4	66.1

Leq Average 24 hrs. (dB(A)) 67.0
Lmax (dB(A)) 75.8
L90 (dB(A)) 66.4
Ldn (dB(A)) 73.5
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620941-1

Page 1 of 1

Sample Number 2334906-2
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 1 ทิศตะวันตก (N3) (GPS 47P 0752500, 1402339)
Measurement Date Mar 30 - Mar 31, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	66.6	74.5	66.1
12:00 PM - 01:00 PM	66.6	73.5	66.0
01:00 PM - 02:00 PM	66.9	71.8	66.2
02:00 PM - 03:00 PM	67.0	71.8	66.3
03:00 PM - 04:00 PM	67.0	76.1	66.3
04:00 PM - 05:00 PM	66.7	79.0	66.1
05:00 PM - 06:00 PM	66.9	73.3	66.3
06:00 PM - 07:00 PM	67.0	75.5	66.4
07:00 PM - 08:00 PM	67.1	70.5	66.6
08:00 PM - 09:00 PM	66.8	69.0	66.4
09:00 PM - 10:00 PM	66.8	72.2	66.4
10:00 PM - 11:00 PM	66.8	71.6	66.3
11:00 PM - 12:00 AM	66.8	68.4	66.4
12:00 AM - 01:00 AM	66.4	68.6	65.8
01:00 AM - 02:00 AM	66.3	67.8	65.8
02:00 AM - 03:00 AM	66.4	68.0	65.9
03:00 AM - 04:00 AM	66.5	67.8	65.9
04:00 AM - 05:00 AM	66.5	68.1	66.0
05:00 AM - 06:00 AM	66.7	71.4	66.2
06:00 AM - 07:00 AM	66.8	70.4	66.2
07:00 AM - 08:00 AM	66.6	70.5	66.0
08:00 AM - 09:00 AM	66.7	72.6	65.9
09:00 AM - 10:00 AM	66.8	73.4	66.2
10:00 AM - 11:00 AM	66.5	69.1	66.0

Leq Average 24 hrs. (dB(A)) 66.7
Lmax (dB(A)) 79.0
L90 (dB(A)) 66.2
Ldn (dB(A)) 73.0
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620942-1

Page 1 of 1

Sample Number 2334906-3
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 1 ทิศตะวันตก (N3) (GPS 47P 0752500, 1402339)
Measurement Date Mar 31 - Apr 01, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	66.7	70.2	66.1
12:00 PM - 01:00 PM	66.7	70.9	66.1
01:00 PM - 02:00 PM	68.0	83.1	66.3
02:00 PM - 03:00 PM	67.1	75.6	66.3
03:00 PM - 04:00 PM	66.8	71.3	66.1
04:00 PM - 05:00 PM	66.8	72.4	66.1
05:00 PM - 06:00 PM	66.9	75.7	66.2
06:00 PM - 07:00 PM	67.2	73.8	66.6
07:00 PM - 08:00 PM	66.7	68.1	66.3
08:00 PM - 09:00 PM	66.7	70.8	66.3
09:00 PM - 10:00 PM	66.8	75.9	66.4
10:00 PM - 11:00 PM	66.8	71.0	66.4
11:00 PM - 12:00 AM	66.7	76.0	65.9
12:00 AM - 01:00 AM	66.2	75.8	65.7
01:00 AM - 02:00 AM	66.3	68.0	65.8
02:00 AM - 03:00 AM	66.4	72.1	65.9
03:00 AM - 04:00 AM	66.5	67.9	65.9
04:00 AM - 05:00 AM	66.5	68.2	66.0
05:00 AM - 06:00 AM	66.8	74.5	66.2
06:00 AM - 07:00 AM	66.6	70.9	66.1
07:00 AM - 08:00 AM	66.2	69.7	65.6
08:00 AM - 09:00 AM	66.1	71.3	65.5
09:00 AM - 10:00 AM	65.9	70.8	65.3
10:00 AM - 11:00 AM	66.7	75.1	66.1

Leq Average 24 hrs. (dB(A)) 66.7
Lmax (dB(A)) 83.1
L90 (dB(A)) 66.1
Ldn (dB(A)) 73.0
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620943-1

Page 1 of 1

Sample Number 2334906-4
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 1 ทิศตะวันตก (N3) (GPS 47P 0752500, 1402339)
Measurement Date Apr 01 - Apr 02, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	66.7	69.3	66.1
12:00 PM - 01:00 PM	66.7	69.4	66.0
01:00 PM - 02:00 PM	66.9	74.4	66.3
02:00 PM - 03:00 PM	66.8	70.6	66.2
03:00 PM - 04:00 PM	66.6	71.8	65.9
04:00 PM - 05:00 PM	66.6	71.7	66.0
05:00 PM - 06:00 PM	66.6	73.3	66.0
06:00 PM - 07:00 PM	66.9	68.7	66.4
07:00 PM - 08:00 PM	66.6	72.7	66.2
08:00 PM - 09:00 PM	66.7	68.3	66.3
09:00 PM - 10:00 PM	66.8	70.8	66.3
10:00 PM - 11:00 PM	66.8	71.5	66.4
11:00 PM - 12:00 AM	66.4	68.2	65.8
12:00 AM - 01:00 AM	66.2	67.7	65.7
01:00 AM - 02:00 AM	66.3	68.5	65.8
02:00 AM - 03:00 AM	66.3	68.4	65.8
03:00 AM - 04:00 AM	66.5	71.6	65.9
04:00 AM - 05:00 AM	66.5	68.0	65.9
05:00 AM - 06:00 AM	66.6	72.4	66.1
06:00 AM - 07:00 AM	66.6	70.0	66.0
07:00 AM - 08:00 AM	66.3	75.0	65.7
08:00 AM - 09:00 AM	66.1	74.4	65.5
09:00 AM - 10:00 AM	65.7	69.3	65.1
10:00 AM - 11:00 AM	66.0	73.8	65.4

Leq Average 24 hrs. (dB(A)) 66.5
Lmax (dB(A)) 75.0
L90 (dB(A)) 66.0
Ldn (dB(A)) 72.9
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620944-1

Page 1 of 1

Sample Number 2334906-5
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 1 ทิศตะวันตก (N3) (GPS 47P 0752500, 1402339)
Measurement Date Apr 02 - Apr 03, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	65.9	67.9	65.3
12:00 PM - 01:00 PM	66.0	68.4	65.4
01:00 PM - 02:00 PM	66.1	74.5	65.5
02:00 PM - 03:00 PM	66.1	68.9	65.5
03:00 PM - 04:00 PM	66.1	69.2	65.5
04:00 PM - 05:00 PM	66.1	71.2	65.5
05:00 PM - 06:00 PM	66.2	70.4	65.7
06:00 PM - 07:00 PM	67.1	69.3	66.2
07:00 PM - 08:00 PM	66.8	68.4	66.4
08:00 PM - 09:00 PM	66.7	69.8	66.3
09:00 PM - 10:00 PM	66.8	75.0	66.4
10:00 PM - 11:00 PM	66.5	68.9	66.0
11:00 PM - 12:00 AM	66.4	68.8	65.9
12:00 AM - 01:00 AM	66.5	68.0	66.0
01:00 AM - 02:00 AM	66.6	68.3	66.1
02:00 AM - 03:00 AM	67.0	68.5	66.4
03:00 AM - 04:00 AM	66.7	68.1	66.2
04:00 AM - 05:00 AM	66.5	68.0	66.0
05:00 AM - 06:00 AM	66.8	72.2	66.2
06:00 AM - 07:00 AM	66.6	71.1	66.1
07:00 AM - 08:00 AM	66.6	71.4	65.8
08:00 AM - 09:00 AM	66.2	71.6	65.6
09:00 AM - 10:00 AM	66.3	74.4	65.5
10:00 AM - 11:00 AM	66.8	79.0	65.9

Leq Average 24 hrs. (dB(A)) 66.5
Lmax (dB(A)) 79.0
L90 (dB(A)) 65.9
Ldn (dB(A)) 73.0
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620945-1

Page 1 of 1

Sample Number 2334906-6
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 1 ทิศตะวันตก (N3) (GPS 47P 0752500, 1402339)
Measurement Date Apr 03 - Apr 04, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	66.6	71.1	65.9
12:00 PM - 01:00 PM	66.8	74.2	66.1
01:00 PM - 02:00 PM	66.7	72.0	66.0
02:00 PM - 03:00 PM	66.9	76.2	66.1
03:00 PM - 04:00 PM	66.7	73.1	66.0
04:00 PM - 05:00 PM	66.8	74.6	66.2
05:00 PM - 06:00 PM	66.8	71.6	66.2
06:00 PM - 07:00 PM	66.7	68.3	66.2
07:00 PM - 08:00 PM	66.5	68.7	66.1
08:00 PM - 09:00 PM	66.6	73.0	66.2
09:00 PM - 10:00 PM	66.7	71.1	66.3
10:00 PM - 11:00 PM	66.3	67.8	65.6
11:00 PM - 12:00 AM	66.0	67.8	65.6
12:00 AM - 01:00 AM	66.3	68.0	65.8
01:00 AM - 02:00 AM	66.4	68.4	65.9
02:00 AM - 03:00 AM	66.4	68.1	65.8
03:00 AM - 04:00 AM	66.5	68.3	66.0
04:00 AM - 05:00 AM	66.7	71.1	66.1
05:00 AM - 06:00 AM	66.7	70.8	66.1
06:00 AM - 07:00 AM	66.5	73.4	65.8
07:00 AM - 08:00 AM	66.6	85.2	65.6
08:00 AM - 09:00 AM	66.3	71.8	65.5
09:00 AM - 10:00 AM	66.5	72.9	65.7
10:00 AM - 11:00 AM	66.9	71.7	66.3

Leq Average 24 hrs. (dB(A)) 66.6
Lmax (dB(A)) 85.2
L90 (dB(A)) 66.0
Ldn (dB(A)) 72.9
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620946-1

Page 1 of 1

Sample Number 2334906-7
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 1 ทิศตะวันตก (N3) (GPS 47P 0752500, 1402339)
Measurement Date Apr 04 - Apr 05, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623393

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	66.8	73.0	66.1
12:00 PM - 01:00 PM	66.8	73.5	66.1
01:00 PM - 02:00 PM	66.7	72.6	66.0
02:00 PM - 03:00 PM	66.7	80.1	66.0
03:00 PM - 04:00 PM	66.6	72.3	66.0
04:00 PM - 05:00 PM	66.6	75.7	66.0
05:00 PM - 06:00 PM	67.7	84.9	66.2
06:00 PM - 07:00 PM	66.8	69.2	66.3
07:00 PM - 08:00 PM	66.5	69.8	66.1
08:00 PM - 09:00 PM	66.6	71.5	66.2
09:00 PM - 10:00 PM	66.6	69.4	66.3
10:00 PM - 11:00 PM	66.4	71.3	65.8
11:00 PM - 12:00 AM	66.1	69.5	65.6
12:00 AM - 01:00 AM	66.2	67.5	65.7
01:00 AM - 02:00 AM	66.2	67.6	65.7
02:00 AM - 03:00 AM	66.2	67.8	65.7
03:00 AM - 04:00 AM	66.3	67.7	65.8
04:00 AM - 05:00 AM	66.5	72.6	65.8
05:00 AM - 06:00 AM	66.6	76.3	65.9
06:00 AM - 07:00 AM	66.1	74.0	65.5
07:00 AM - 08:00 AM	66.1	72.2	65.4
08:00 AM - 09:00 AM	66.1	69.6	65.5
09:00 AM - 10:00 AM	66.9	81.4	65.6
10:00 AM - 11:00 AM	66.7	72.2	66.1

Leq Average 24 hrs. (dB(A)) 66.5
Lmax (dB(A)) 84.9
L90 (dB(A)) 65.9
Ldn (dB(A)) 72.8
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620947-1

Page 1 of 1

Sample Number 2334906-8
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 2 ทิศใต้ (N4) (GPS 47P 0752726, 1402248)
Measurement Date Mar 29 - Mar 30, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623390

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	56.6	85.4	53.9
12:00 PM - 01:00 PM	54.6	82.6	53.1
01:00 PM - 02:00 PM	55.8	77.6	53.8
02:00 PM - 03:00 PM	57.4	74.1	54.6
03:00 PM - 04:00 PM	59.9	71.6	54.5
04:00 PM - 05:00 PM	54.5	69.5	53.2
05:00 PM - 06:00 PM	54.1	70.2	52.8
06:00 PM - 07:00 PM	56.6	71.2	53.5
07:00 PM - 08:00 PM	56.2	72.8	52.6
08:00 PM - 09:00 PM	53.0	56.7	52.7
09:00 PM - 10:00 PM	53.0	58.1	52.7
10:00 PM - 11:00 PM	53.3	54.9	53.0
11:00 PM - 12:00 AM	53.0	54.4	52.5
12:00 AM - 01:00 AM	52.9	55.6	52.6
01:00 AM - 02:00 AM	52.9	55.1	52.6
02:00 AM - 03:00 AM	53.2	55.4	52.9
03:00 AM - 04:00 AM	53.0	61.4	52.5
04:00 AM - 05:00 AM	53.8	74.6	52.7
05:00 AM - 06:00 AM	55.7	78.2	53.4
06:00 AM - 07:00 AM	54.6	70.7	53.0
07:00 AM - 08:00 AM	53.5	72.3	52.6
08:00 AM - 09:00 AM	57.2	69.6	53.0
09:00 AM - 10:00 AM	56.8	71.5	53.7
10:00 AM - 11:00 AM	55.6	74.9	53.0

Leq Average 24 hrs. (dB(A)) 55.3
Lmax (dB(A)) 85.4
L90 (dB(A)) 53.0
Ldn (dB(A)) 60.5
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620948-1

Page 1 of 1

Sample Number 2334906-9
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 2 ทิศใต้ (N4) (GPS 47P 0752726, 1402248)
Measurement Date Mar 30 - Mar 31, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623390

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	54.0	69.1	52.8
12:00 PM - 01:00 PM	53.2	65.0	52.6
01:00 PM - 02:00 PM	55.7	75.7	53.3
02:00 PM - 03:00 PM	54.4	73.8	53.5
03:00 PM - 04:00 PM	54.9	69.0	53.6
04:00 PM - 05:00 PM	55.4	71.4	53.7
05:00 PM - 06:00 PM	55.0	73.0	53.6
06:00 PM - 07:00 PM	56.8	76.3	54.2
07:00 PM - 08:00 PM	54.4	67.6	53.3
08:00 PM - 09:00 PM	53.7	69.3	53.2
09:00 PM - 10:00 PM	53.7	60.5	53.3
10:00 PM - 11:00 PM	53.7	57.1	53.3
11:00 PM - 12:00 AM	53.6	55.5	53.1
12:00 AM - 01:00 AM	53.2	57.2	52.9
01:00 AM - 02:00 AM	53.2	60.0	52.9
02:00 AM - 03:00 AM	53.3	68.8	52.9
03:00 AM - 04:00 AM	53.5	62.1	53.0
04:00 AM - 05:00 AM	54.6	76.7	53.4
05:00 AM - 06:00 AM	57.0	78.7	54.1
06:00 AM - 07:00 AM	54.5	71.1	53.2
07:00 AM - 08:00 AM	54.0	70.1	53.1
08:00 AM - 09:00 AM	55.4	68.2	53.3
09:00 AM - 10:00 AM	56.1	69.1	54.1
10:00 AM - 11:00 AM	55.2	67.3	53.1

Leq Average 24 hrs. (dB(A)) 54.7
Lmax (dB(A)) 78.7
L90 (dB(A)) 53.3
Ldn (dB(A)) 60.8
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620949-1

Page 1 of 1

Sample Number 2334906-10
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 2 ทิศใต้ (N4) (GPS 47P 0752726, 1402248)
Measurement Date Mar 31 - Apr 01, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623390

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	54.0	67.4	52.8
12:00 PM - 01:00 PM	54.6	73.0	53.1
01:00 PM - 02:00 PM	54.8	68.7	53.7
02:00 PM - 03:00 PM	56.4	72.5	53.7
03:00 PM - 04:00 PM	54.8	68.3	53.6
04:00 PM - 05:00 PM	54.9	70.4	53.3
05:00 PM - 06:00 PM	56.0	69.8	54.2
06:00 PM - 07:00 PM	53.7	64.9	53.2
07:00 PM - 08:00 PM	53.6	59.5	53.1
08:00 PM - 09:00 PM	53.5	61.1	53.1
09:00 PM - 10:00 PM	53.3	55.0	53.0
10:00 PM - 11:00 PM	53.5	64.7	53.0
11:00 PM - 12:00 AM	53.1	63.6	52.8
12:00 AM - 01:00 AM	53.1	59.1	52.8
01:00 AM - 02:00 AM	53.1	57.7	52.7
02:00 AM - 03:00 AM	53.1	59.4	52.7
03:00 AM - 04:00 AM	53.8	64.7	53.2
04:00 AM - 05:00 AM	55.7	75.3	53.9
05:00 AM - 06:00 AM	54.7	69.9	53.1
06:00 AM - 07:00 AM	53.4	66.7	52.7
07:00 AM - 08:00 AM	53.4	68.3	52.5
08:00 AM - 09:00 AM	53.2	62.7	52.5
09:00 AM - 10:00 AM	55.0	67.9	52.9
10:00 AM - 11:00 AM	54.6	70.6	53.2

Leq Average 24 hrs. (dB(A)) 54.3
Lmax (dB(A)) 75.3
L90 (dB(A)) 53.1
Ldn (dB(A)) 60.3
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620950-1

Page 1 of 1

Sample Number 2334906-11
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 2 ทิศใต้ (N4) (GPS 47P 0752726, 1402248)
Measurement Date Apr 01 - Apr 02, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623390

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	56.0	73.6	53.1
12:00 PM - 01:00 PM	54.5	67.5	53.1
01:00 PM - 02:00 PM	54.2	68.4	53.2
02:00 PM - 03:00 PM	55.9	70.8	53.9
03:00 PM - 04:00 PM	53.5	65.3	52.9
04:00 PM - 05:00 PM	53.2	57.1	52.8
05:00 PM - 06:00 PM	53.1	60.2	52.9
06:00 PM - 07:00 PM	53.2	58.5	52.8
07:00 PM - 08:00 PM	52.9	55.1	52.4
08:00 PM - 09:00 PM	52.7	56.5	52.4
09:00 PM - 10:00 PM	53.1	61.4	52.7
10:00 PM - 11:00 PM	53.0	54.8	52.7
11:00 PM - 12:00 AM	53.0	58.5	52.7
12:00 AM - 01:00 AM	54.7	74.8	53.0
01:00 AM - 02:00 AM	56.2	77.7	54.1
02:00 AM - 03:00 AM	53.8	69.2	52.9
03:00 AM - 04:00 AM	52.8	73.1	52.0
04:00 AM - 05:00 AM	53.4	71.2	52.3
05:00 AM - 06:00 AM	53.6	69.0	52.3
06:00 AM - 07:00 AM	53.9	68.5	52.4
07:00 AM - 08:00 AM	53.0	67.3	52.0
08:00 AM - 09:00 AM	52.6	61.2	52.0
09:00 AM - 10:00 AM	52.0	65.1	52.9
10:00 AM - 11:00 AM	52.5	61.5	53.6

Leq Average 24 hrs. (dB(A)) 53.8
Lmax (dB(A)) 77.7
L90 (dB(A)) 52.8
Ldn (dB(A)) 60.3
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620951-1

Page 1 of 1

Sample Number 2334906-12
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 2 ทิศใต้ (N4) (GPS 47P 0752726, 1402248)
Measurement Date Apr 02 - Apr 03, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623390

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	53.6	72.5	54.3
12:00 PM - 01:00 PM	53.7	66.2	54.7
01:00 PM - 02:00 PM	54.1	70.3	54.2
02:00 PM - 03:00 PM	53.9	64.9	54.6
03:00 PM - 04:00 PM	55.4	72.8	54.3
04:00 PM - 05:00 PM	60.0	79.0	57.5
05:00 PM - 06:00 PM	53.3	66.1	53.7
06:00 PM - 07:00 PM	52.0	59.7	53.6
07:00 PM - 08:00 PM	52.4	67.9	54.1
08:00 PM - 09:00 PM	52.6	74.3	53.5
09:00 PM - 10:00 PM	51.2	75.0	52.6
10:00 PM - 11:00 PM	50.7	57.9	52.4
11:00 PM - 12:00 AM	51.7	57.9	53.1
12:00 AM - 01:00 AM	52.5	77.7	52.8
01:00 AM - 02:00 AM	51.3	56.9	52.8
02:00 AM - 03:00 AM	52.2	58.4	53.9
03:00 AM - 04:00 AM	54.9	67.6	55.2
04:00 AM - 05:00 AM	55.8	73.9	55.5
05:00 AM - 06:00 AM	51.1	62.7	50.5
06:00 AM - 07:00 AM	50.3	62.0	50.5
07:00 AM - 08:00 AM	50.4	67.7	50.8
08:00 AM - 09:00 AM	50.7	62.4	51.4
09:00 AM - 10:00 AM	52.0	69.2	52.3
10:00 AM - 11:00 AM	53.0	60.5	51.9

Leq Average 24 hrs. (dB(A)) 53.5
Lmax (dB(A)) 79.0
L90 (dB(A)) 53.5
Ldn (dB(A)) 59.3
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620952-1

Page 1 of 1

Sample Number 2334906-13
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 2 ทิศใต้ (N4) (GPS 47P 0752726, 1402248)
Measurement Date Apr 03 - Apr 04, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623390

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	54.8	75.7	53.2
12:00 PM - 01:00 PM	53.7	67.5	53.0
01:00 PM - 02:00 PM	54.6	68.3	52.8
02:00 PM - 03:00 PM	55.4	76.6	53.1
03:00 PM - 04:00 PM	57.2	70.8	53.1
04:00 PM - 05:00 PM	55.7	78.7	53.1
05:00 PM - 06:00 PM	54.6	78.6	53.3
06:00 PM - 07:00 PM	55.6	71.0	53.8
07:00 PM - 08:00 PM	54.1	72.1	53.0
08:00 PM - 09:00 PM	54.0	61.2	52.8
09:00 PM - 10:00 PM	53.3	55.6	52.9
10:00 PM - 11:00 PM	53.3	63.2	53.0
11:00 PM - 12:00 AM	53.1	57.9	52.6
12:00 AM - 01:00 AM	53.0	63.7	52.6
01:00 AM - 02:00 AM	53.2	57.4	52.8
02:00 AM - 03:00 AM	53.1	55.5	52.8
03:00 AM - 04:00 AM	53.2	58.1	52.8
04:00 AM - 05:00 AM	55.5	82.8	53.2
05:00 AM - 06:00 AM	55.4	80.9	53.9
06:00 AM - 07:00 AM	54.0	69.8	52.8
07:00 AM - 08:00 AM	53.6	70.9	52.7
08:00 AM - 09:00 AM	55.7	74.5	53.6
09:00 AM - 10:00 AM	53.7	66.8	52.5
10:00 AM - 11:00 AM	54.6	69.2	53.2

Leq Average 24 hrs. (dB(A)) 54.5
Lmax (dB(A)) 82.8
L90 (dB(A)) 53.0
Ldn (dB(A)) 60.4
Standard (dB(A)) 70

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620953-1

Page 1 of 1

Sample Number 2334906-14
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 2 ทิศใต้ (N4) (GPS 47P 0752726, 1402248)
Measurement Date Apr 04 - Apr 05, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623390

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	53.9	71.7	52.6
12:00 PM - 01:00 PM	52.9	68.3	52.2
01:00 PM - 02:00 PM	56.1	77.8	52.7
02:00 PM - 03:00 PM	55.0	72.4	53.2
03:00 PM - 04:00 PM	56.6	83.1	53.3
04:00 PM - 05:00 PM	54.3	76.7	52.8
05:00 PM - 06:00 PM	54.8	73.9	53.0
06:00 PM - 07:00 PM	56.0	71.8	54.0
07:00 PM - 08:00 PM	53.6	64.7	53.1
08:00 PM - 09:00 PM	53.8	61.2	52.8
09:00 PM - 10:00 PM	53.3	60.6	52.9
10:00 PM - 11:00 PM	53.3	63.5	52.9
11:00 PM - 12:00 AM	53.1	55.3	52.8
12:00 AM - 01:00 AM	53.1	62.9	52.8
01:00 AM - 02:00 AM	53.0	54.5	52.8
02:00 AM - 03:00 AM	53.1	54.7	52.8
03:00 AM - 04:00 AM	53.4	72.4	52.8
04:00 AM - 05:00 AM	54.0	78.9	53.0
05:00 AM - 06:00 AM	55.3	75.6	53.8
06:00 AM - 07:00 AM	53.9	68.7	52.9
07:00 AM - 08:00 AM	53.3	73.4	52.5
08:00 AM - 09:00 AM	53.7	68.4	52.7
09:00 AM - 10:00 AM	53.4	66.8	52.5
10:00 AM - 11:00 AM	60.5	93.3	52.8

Leq Average 24 hrs. (dB(A)) 54.7
Lmax (dB(A)) 93.3
L90 (dB(A)) 52.8
Ldn (dB(A)) 60.3
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620954-1

Page 1 of 1

Sample Number 2334906-15
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 3 ทิศเหนือ (N5) (GPS 47P 0752655, 1402640)
Measurement Date Mar 29 - Mar 30, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623392

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	61.6	74.4	59.8
12:00 PM - 01:00 PM	59.3	73.5	58.5
01:00 PM - 02:00 PM	60.4	74.4	58.8
02:00 PM - 03:00 PM	62.4	73.2	60.6
03:00 PM - 04:00 PM	62.5	71.7	60.6
04:00 PM - 05:00 PM	60.9	70.4	58.9
05:00 PM - 06:00 PM	59.6	70.4	58.8
06:00 PM - 07:00 PM	60.5	70.6	58.6
07:00 PM - 08:00 PM	64.2	71.1	58.8
08:00 PM - 09:00 PM	58.8	60.3	58.5
09:00 PM - 10:00 PM	58.6	59.7	58.3
10:00 PM - 11:00 PM	61.8	69.0	58.7
11:00 PM - 12:00 AM	59.1	60.2	58.9
12:00 AM - 01:00 AM	59.1	67.0	58.7
01:00 AM - 02:00 AM	58.9	59.9	58.6
02:00 AM - 03:00 AM	58.9	59.8	58.6
03:00 AM - 04:00 AM	58.7	59.5	58.4
04:00 AM - 05:00 AM	58.7	59.8	58.4
05:00 AM - 06:00 AM	58.6	61.0	58.2
06:00 AM - 07:00 AM	64.4	73.8	58.5
07:00 AM - 08:00 AM	58.8	63.5	58.4
08:00 AM - 09:00 AM	60.6	70.7	58.6
09:00 AM - 10:00 AM	62.5	73.6	60.6
10:00 AM - 11:00 AM	60.9	72.9	58.7

Leq Average 24 hrs. (dB(A)) 60.8
Lmax (dB(A)) 74.4
L90 (dB(A)) 58.6
Ldn (dB(A)) 66.8
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620955-1

Page 1 of 1

Sample Number 2334906-16
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 3 ทิศเหนือ (N5) (GPS 47P 0752655, 1402640)
Measurement Date Mar 30 - Mar 31, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623392

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.1	77.8	58.4
12:00 PM - 01:00 PM	59.7	77.5	58.0
01:00 PM - 02:00 PM	59.9	70.4	58.3
02:00 PM - 03:00 PM	60.9	70.5	59.1
03:00 PM - 04:00 PM	61.2	70.9	59.9
04:00 PM - 05:00 PM	60.9	76.3	58.8
05:00 PM - 06:00 PM	59.8	69.9	58.6
06:00 PM - 07:00 PM	61.7	71.6	58.4
07:00 PM - 08:00 PM	64.1	70.4	58.5
08:00 PM - 09:00 PM	58.8	60.9	58.4
09:00 PM - 10:00 PM	64.9	73.2	58.4
10:00 PM - 11:00 PM	62.6	72.1	58.4
11:00 PM - 12:00 AM	58.8	60.1	58.4
12:00 AM - 01:00 AM	64.3	72.8	58.2
01:00 AM - 02:00 AM	60.9	72.0	58.1
02:00 AM - 03:00 AM	58.5	60.1	58.1
03:00 AM - 04:00 AM	58.5	59.8	58.1
04:00 AM - 05:00 AM	65.7	73.5	58.2
05:00 AM - 06:00 AM	58.6	62.2	58.2
06:00 AM - 07:00 AM	64.4	74.9	58.3
07:00 AM - 08:00 AM	58.8	65.4	58.2
08:00 AM - 09:00 AM	59.7	71.6	58.4
09:00 AM - 10:00 AM	60.7	68.4	59.5
10:00 AM - 11:00 AM	60.5	69.6	58.9

Leq Average 24 hrs. (dB(A)) 61.6
Lmax (dB(A)) 77.8
L90 (dB(A)) 58.4
Ldn (dB(A)) 68.5
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620956-1

Page 1 of 1

Sample Number 2334906-17
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 3 ทิศเหนือ (N5) (GPS 47P 0752655, 1402640)
Measurement Date Mar 31 - Apr 01, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623392

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	60.3	77.0	58.6
12:00 PM - 01:00 PM	58.6	62.8	58.0
01:00 PM - 02:00 PM	60.7	75.6	59.0
02:00 PM - 03:00 PM	60.1	70.9	59.2
03:00 PM - 04:00 PM	60.0	70.3	59.1
04:00 PM - 05:00 PM	60.2	69.4	58.9
05:00 PM - 06:00 PM	59.2	67.3	58.5
06:00 PM - 07:00 PM	66.8	74.6	58.5
07:00 PM - 08:00 PM	58.8	60.6	58.3
08:00 PM - 09:00 PM	61.3	70.8	58.2
09:00 PM - 10:00 PM	58.6	59.9	58.3
10:00 PM - 11:00 PM	62.2	71.1	58.4
11:00 PM - 12:00 AM	58.9	62.5	58.3
12:00 AM - 01:00 AM	59.3	66.2	58.4
01:00 AM - 02:00 AM	58.8	60.4	58.3
02:00 AM - 03:00 AM	58.8	60.9	58.4
03:00 AM - 04:00 AM	58.7	60.6	58.3
04:00 AM - 05:00 AM	58.8	60.8	58.3
05:00 AM - 06:00 AM	62.4	70.6	58.4
06:00 AM - 07:00 AM	59.3	67.7	58.4
07:00 AM - 08:00 AM	59.0	69.0	58.4
08:00 AM - 09:00 AM	59.8	69.0	58.7
09:00 AM - 10:00 AM	59.0	64.4	58.3
10:00 AM - 11:00 AM	59.4	66.8	58.6

Leq Average 24 hrs. (dB(A)) 60.5
Lmax (dB(A)) 77.0
L90 (dB(A)) 58.4
Ldn (dB(A)) 66.5
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620957-1

Page 1 of 1

Sample Number 2334906-18
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 3 ทิศเหนือ (N5) (GPS 47P 0752655, 1402640)
Measurement Date Apr 01 - Apr 02, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623392

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	58.9	64.5	58.2
12:00 PM - 01:00 PM	59.0	66.0	58.3
01:00 PM - 02:00 PM	60.9	70.6	59.0
02:00 PM - 03:00 PM	60.0	69.0	59.0
03:00 PM - 04:00 PM	60.1	77.0	58.8
04:00 PM - 05:00 PM	59.0	64.3	58.4
05:00 PM - 06:00 PM	58.8	65.6	58.3
06:00 PM - 07:00 PM	72.2	78.2	58.4
07:00 PM - 08:00 PM	68.3	79.3	58.5
08:00 PM - 09:00 PM	74.8	85.1	58.5
09:00 PM - 10:00 PM	58.9	60.2	58.5
10:00 PM - 11:00 PM	58.9	60.7	58.6
11:00 PM - 12:00 AM	71.8	80.6	58.4
12:00 AM - 01:00 AM	67.9	80.0	58.2
01:00 AM - 02:00 AM	69.7	80.0	58.2
02:00 AM - 03:00 AM	58.9	61.4	58.3
03:00 AM - 04:00 AM	58.7	61.1	58.2
04:00 AM - 05:00 AM	58.8	60.8	58.3
05:00 AM - 06:00 AM	68.5	79.7	58.4
06:00 AM - 07:00 AM	58.9	64.7	58.4
07:00 AM - 08:00 AM	59.1	67.4	58.4
08:00 AM - 09:00 AM	60.0	68.6	58.9
09:00 AM - 10:00 AM	59.6	68.7	58.8
10:00 AM - 11:00 AM	59.9	67.8	58.7

Leq Average 24 hrs. (dB(A)) 66.4
Lmax (dB(A)) 85.1
L90 (dB(A)) 58.4
Ldn (dB(A)) 73.0
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620958-1

Page 1 of 1

Sample Number 2334906-19
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 3 ทิศเหนือ (N5) (GPS 47P 0752655, 1402640)
Measurement Date Apr 02 - Apr 03, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623392

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	59.7	64.2	58.9
12:00 PM - 01:00 PM	59.6	62.2	58.9
01:00 PM - 02:00 PM	60.1	66.6	59.3
02:00 PM - 03:00 PM	60.1	66.3	59.3
03:00 PM - 04:00 PM	59.9	67.5	59.1
04:00 PM - 05:00 PM	59.8	73.8	59.0
05:00 PM - 06:00 PM	59.8	63.8	59.3
06:00 PM - 07:00 PM	71.0	80.1	59.7
07:00 PM - 08:00 PM	61.8	73.6	59.7
08:00 PM - 09:00 PM	61.5	73.6	59.7
09:00 PM - 10:00 PM	64.6	75.0	59.7
10:00 PM - 11:00 PM	65.2	75.0	59.6
11:00 PM - 12:00 AM	61.2	73.6	59.4
12:00 AM - 01:00 AM	59.9	62.6	59.5
01:00 AM - 02:00 AM	60.6	66.4	60.3
02:00 AM - 03:00 AM	60.5	67.1	60.2
03:00 AM - 04:00 AM	60.5	66.8	60.1
04:00 AM - 05:00 AM	60.0	61.2	59.7
05:00 AM - 06:00 AM	66.3	76.6	59.3
06:00 AM - 07:00 AM	59.6	61.1	59.2
07:00 AM - 08:00 AM	59.7	73.2	59.1
08:00 AM - 09:00 AM	60.8	69.1	59.4
09:00 AM - 10:00 AM	60.7	68.5	59.7
10:00 AM - 11:00 AM	60.0	66.2	58.9

Leq Average 24 hrs. (dB(A)) 62.7
Lmax (dB(A)) 80.1
L90 (dB(A)) 59.4
Ldn (dB(A)) 68.8
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620959-1

Page 1 of 1

Sample Number 2334906-20
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 3 ทิศเหนือ (N5) (GPS 47P 0752655, 1402640)
Measurement Date Apr 03 - Apr 04, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623392

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	59.5	61.4	58.9
12:00 PM - 01:00 PM	59.9	69.8	59.1
01:00 PM - 02:00 PM	60.7	73.9	59.5
02:00 PM - 03:00 PM	61.4	73.5	59.5
03:00 PM - 04:00 PM	62.0	77.6	60.1
04:00 PM - 05:00 PM	61.3	76.3	59.8
05:00 PM - 06:00 PM	62.8	75.7	59.6
06:00 PM - 07:00 PM	63.6	71.5	59.8
07:00 PM - 08:00 PM	62.1	70.8	59.5
08:00 PM - 09:00 PM	59.9	61.3	59.5
09:00 PM - 10:00 PM	59.9	67.8	59.5
10:00 PM - 11:00 PM	63.7	72.8	59.5
11:00 PM - 12:00 AM	59.8	60.9	59.5
12:00 AM - 01:00 AM	65.8	73.8	59.7
01:00 AM - 02:00 AM	59.9	61.6	59.4
02:00 AM - 03:00 AM	59.8	62.3	59.3
03:00 AM - 04:00 AM	59.5	61.2	59.2
04:00 AM - 05:00 AM	59.9	69.7	59.3
05:00 AM - 06:00 AM	60.6	75.9	59.3
06:00 AM - 07:00 AM	59.7	65.0	59.3
07:00 AM - 08:00 AM	60.6	71.5	59.6
08:00 AM - 09:00 AM	60.3	68.9	59.1
09:00 AM - 10:00 AM	60.5	68.1	59.5
10:00 AM - 11:00 AM	60.0	66.6	59.3

Leq Average 24 hrs. (dB(A)) 61.3
Lmax (dB(A)) 77.6
L90 (dB(A)) 59.5
Ldn (dB(A)) 67.9
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620960-1

Page 1 of 1

Sample Number 2334906-21
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 3 ทิศเหนือ (N5) (GPS 47P 0752655, 1402640)
Measurement Date Apr 04 - Apr 05, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623392

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	59.7	61.3	59.1
12:00 PM - 01:00 PM	60.1	67.3	59.2
01:00 PM - 02:00 PM	60.3	66.4	59.5
02:00 PM - 03:00 PM	60.3	68.2	59.5
03:00 PM - 04:00 PM	60.3	71.2	59.3
04:00 PM - 05:00 PM	59.8	65.3	59.2
05:00 PM - 06:00 PM	61.2	75.9	59.4
06:00 PM - 07:00 PM	61.3	68.2	59.6
07:00 PM - 08:00 PM	59.7	63.9	59.3
08:00 PM - 09:00 PM	60.3	64.7	59.5
09:00 PM - 10:00 PM	59.9	61.5	59.5
10:00 PM - 11:00 PM	59.8	61.1	59.5
11:00 PM - 12:00 AM	60.7	69.5	59.3
12:00 AM - 01:00 AM	59.8	66.7	59.3
01:00 AM - 02:00 AM	59.5	61.1	59.0
02:00 AM - 03:00 AM	59.5	65.8	59.1
03:00 AM - 04:00 AM	59.8	69.4	59.3
04:00 AM - 05:00 AM	61.4	71.1	59.8
05:00 AM - 06:00 AM	62.2	71.9	60.0
06:00 AM - 07:00 AM	59.8	64.3	59.2
07:00 AM - 08:00 AM	60.5	69.2	59.6
08:00 AM - 09:00 AM	60.5	69.1	59.7
09:00 AM - 10:00 AM	61.9	82.0	59.7
10:00 AM - 11:00 AM	60.5	70.3	59.5

Leq Average 24 hrs. (dB(A)) 60.4
Lmax (dB(A)) 82.0
L90 (dB(A)) 59.4
Ldn (dB(A)) 66.8
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620961-1

Page 1 of 1

Sample Number 2334906-22
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 4 ทิศตะวันออก (N6) (GPS 47P 0752946, 1402719)
Measurement Date Mar 29 - Mar 30, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623391

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	53.8	72.9	51.2
12:00 PM - 01:00 PM	52.6	56.9	50.3
01:00 PM - 02:00 PM	57.9	67.8	51.0
02:00 PM - 03:00 PM	54.7	61.2	52.0
03:00 PM - 04:00 PM	54.8	62.3	51.5
04:00 PM - 05:00 PM	52.6	68.7	50.0
05:00 PM - 06:00 PM	51.9	59.9	49.6
06:00 PM - 07:00 PM	57.4	68.7	50.5
07:00 PM - 08:00 PM	50.0	55.1	47.1
08:00 PM - 09:00 PM	50.0	53.5	47.8
09:00 PM - 10:00 PM	47.8	52.5	46.4
10:00 PM - 11:00 PM	49.7	55.2	47.3
11:00 PM - 12:00 AM	50.2	62.8	48.5
12:00 AM - 01:00 AM	50.3	64.4	48.9
01:00 AM - 02:00 AM	50.2	57.2	48.2
02:00 AM - 03:00 AM	50.9	52.8	50.0
03:00 AM - 04:00 AM	49.1	55.1	47.6
04:00 AM - 05:00 AM	49.7	63.9	47.6
05:00 AM - 06:00 AM	51.0	64.6	48.4
06:00 AM - 07:00 AM	56.0	66.1	49.3
07:00 AM - 08:00 AM	50.2	62.3	48.5
08:00 AM - 09:00 AM	51.5	67.6	48.7
09:00 AM - 10:00 AM	51.8	63.8	49.1
10:00 AM - 11:00 AM	51.0	59.4	49.2

Leq Average 24 hrs. (dB(A)) 52.8
Lmax (dB(A)) 72.9
L90 (dB(A)) 48.9
Ldn (dB(A)) 58.1
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620962-1

Page 1 of 1

Sample Number 2334906-23
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 4 ทิศตะวันออก (N6) (GPS 47P 0752946, 1402719)
Measurement Date Mar 30 - Mar 31, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623391

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.3	58.5	49.5
12:00 PM - 01:00 PM	50.9	65.4	49.0
01:00 PM - 02:00 PM	53.0	67.1	49.9
02:00 PM - 03:00 PM	54.9	67.2	51.2
03:00 PM - 04:00 PM	53.4	66.0	50.9
04:00 PM - 05:00 PM	52.6	63.0	50.8
05:00 PM - 06:00 PM	53.7	64.6	51.2
06:00 PM - 07:00 PM	59.8	73.8	53.8
07:00 PM - 08:00 PM	51.6	62.6	50.0
08:00 PM - 09:00 PM	50.9	62.8	49.6
09:00 PM - 10:00 PM	51.0	59.0	49.8
10:00 PM - 11:00 PM	51.6	64.4	49.7
11:00 PM - 12:00 AM	50.8	53.5	49.5
12:00 AM - 01:00 AM	51.8	59.1	49.6
01:00 AM - 02:00 AM	50.8	63.7	49.3
02:00 AM - 03:00 AM	50.6	58.3	49.2
03:00 AM - 04:00 AM	50.2	58.3	48.6
04:00 AM - 05:00 AM	50.2	59.6	48.7
05:00 AM - 06:00 AM	52.0	63.0	48.8
06:00 AM - 07:00 AM	54.0	70.5	49.4
07:00 AM - 08:00 AM	50.7	62.9	48.7
08:00 AM - 09:00 AM	51.2	62.7	48.9
09:00 AM - 10:00 AM	51.8	63.9	49.9
10:00 AM - 11:00 AM	53.5	63.5	51.8

Leq Average 24 hrs. (dB(A)) 52.9
Lmax (dB(A)) 73.8
L90 (dB(A)) 49.6
Ldn (dB(A)) 58.3
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620963-1

Page 1 of 1

Sample Number 2334906-24
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 4 ทิศตะวันออก (N6) (GPS 47P 0752946, 1402719)
Measurement Date Mar 31 - Apr 01, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623391

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.7	64.4	50.4
12:00 PM - 01:00 PM	51.5	56.0	49.4
01:00 PM - 02:00 PM	54.5	69.2	51.2
02:00 PM - 03:00 PM	53.8	64.0	51.2
03:00 PM - 04:00 PM	53.5	57.9	51.7
04:00 PM - 05:00 PM	53.0	59.4	50.8
05:00 PM - 06:00 PM	52.5	62.4	50.5
06:00 PM - 07:00 PM	56.3	63.1	49.9
07:00 PM - 08:00 PM	51.2	60.4	49.4
08:00 PM - 09:00 PM	51.8	57.5	49.4
09:00 PM - 10:00 PM	51.8	62.7	49.4
10:00 PM - 11:00 PM	51.3	61.9	49.3
11:00 PM - 12:00 AM	51.9	64.0	49.7
12:00 AM - 01:00 AM	53.8	60.6	50.1
01:00 AM - 02:00 AM	52.3	61.5	50.2
02:00 AM - 03:00 AM	52.5	72.1	50.1
03:00 AM - 04:00 AM	52.0	65.7	50.1
04:00 AM - 05:00 AM	52.2	62.2	49.7
05:00 AM - 06:00 AM	54.8	62.4	49.6
06:00 AM - 07:00 AM	52.2	59.6	49.5
07:00 AM - 08:00 AM	52.5	65.3	49.1
08:00 AM - 09:00 AM	52.0	57.8	49.5
09:00 AM - 10:00 AM	51.4	55.5	49.0
10:00 AM - 11:00 AM	49.8	56.9	48.2

Leq Average 24 hrs. (dB(A)) 52.8
Lmax (dB(A)) 72.1
L90 (dB(A)) 49.7
Ldn (dB(A)) 59.1
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620964-1

Page 1 of 1

Sample Number 2334906-25
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 4 ทิศตะวันออก (N6) (GPS 47P 0752946, 1402719)
Measurement Date Apr 01 - Apr 02, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623391

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	49.9	55.2	48.5
12:00 PM - 01:00 PM	52.5	58.5	49.1
01:00 PM - 02:00 PM	53.0	61.2	50.7
02:00 PM - 03:00 PM	52.3	57.7	49.9
03:00 PM - 04:00 PM	53.0	66.6	50.4
04:00 PM - 05:00 PM	52.1	57.0	49.5
05:00 PM - 06:00 PM	53.2	66.2	49.4
06:00 PM - 07:00 PM	56.5	70.2	49.1
07:00 PM - 08:00 PM	51.7	56.2	49.1
08:00 PM - 09:00 PM	52.2	59.6	49.5
09:00 PM - 10:00 PM	53.1	64.3	49.3
10:00 PM - 11:00 PM	51.6	66.5	49.0
11:00 PM - 12:00 AM	50.8	59.7	48.1
12:00 AM - 01:00 AM	53.2	61.2	48.6
01:00 AM - 02:00 AM	51.1	57.4	48.8
02:00 AM - 03:00 AM	51.5	64.1	48.9
03:00 AM - 04:00 AM	51.3	61.4	48.9
04:00 AM - 05:00 AM	51.2	62.0	49.1
05:00 AM - 06:00 AM	55.0	65.2	49.6
06:00 AM - 07:00 AM	52.1	61.3	49.4
07:00 AM - 08:00 AM	52.3	58.2	49.5
08:00 AM - 09:00 AM	52.2	59.7	49.2
09:00 AM - 10:00 AM	52.0	58.3	49.4
10:00 AM - 11:00 AM	51.9	60.7	48.8

Leq Average 24 hrs. (dB(A)) 52.6
Lmax (dB(A)) 70.2
L90 (dB(A)) 49.1
Ldn (dB(A)) 58.7
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620965-1

Page 1 of 1

Sample Number 2334906-26
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 4 ทิศตะวันออก (N6) (GPS 47P 0752946, 1402719)
Measurement Date Apr 02 - Apr 03, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623391

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	51.7	64.4	48.8
12:00 PM - 01:00 PM	51.4	59.3	48.3
01:00 PM - 02:00 PM	51.5	65.6	48.9
02:00 PM - 03:00 PM	52.4	67.3	49.6
03:00 PM - 04:00 PM	51.7	57.8	48.9
04:00 PM - 05:00 PM	51.4	57.7	48.2
05:00 PM - 06:00 PM	52.8	61.3	49.1
06:00 PM - 07:00 PM	57.3	66.8	50.4
07:00 PM - 08:00 PM	51.6	61.9	49.2
08:00 PM - 09:00 PM	51.2	61.0	48.7
09:00 PM - 10:00 PM	51.4	56.5	49.5
10:00 PM - 11:00 PM	52.1	70.6	49.0
11:00 PM - 12:00 AM	52.6	57.5	49.9
12:00 AM - 01:00 AM	52.7	59.4	50.7
01:00 AM - 02:00 AM	53.7	58.1	51.4
02:00 AM - 03:00 AM	53.4	67.7	51.2
03:00 AM - 04:00 AM	53.6	63.2	51.0
04:00 AM - 05:00 AM	52.9	59.0	50.6
05:00 AM - 06:00 AM	55.2	64.4	50.2
06:00 AM - 07:00 AM	52.6	62.5	49.9
07:00 AM - 08:00 AM	52.1	61.0	49.5
08:00 AM - 09:00 AM	53.2	64.2	49.6
09:00 AM - 10:00 AM	52.6	63.9	49.8
10:00 AM - 11:00 AM	52.1	64.0	48.6

Leq Average 24 hrs. (dB(A)) 52.9
Lmax (dB(A)) 70.6
L90 (dB(A)) 49.5
Ldn (dB(A)) 59.6
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620966-1

Page 1 of 1

Sample Number 2334906-27
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 4 ทิศตะวันออก (N6) (GPS 47P 0752946, 1402719)
Measurement Date Apr 03 - Apr 04, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623391

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	52.3	59.9	49.6
12:00 PM - 01:00 PM	52.4	65.8	49.3
01:00 PM - 02:00 PM	51.7	58.8	49.3
02:00 PM - 03:00 PM	52.8	65.9	49.4
03:00 PM - 04:00 PM	55.1	70.1	49.7
04:00 PM - 05:00 PM	52.2	62.3	49.6
05:00 PM - 06:00 PM	57.8	65.2	53.6
06:00 PM - 07:00 PM	51.6	60.6	49.6
07:00 PM - 08:00 PM	51.4	61.6	48.9
08:00 PM - 09:00 PM	51.7	57.2	49.0
09:00 PM - 10:00 PM	52.2	57.7	49.1
10:00 PM - 11:00 PM	52.1	61.6	49.3
11:00 PM - 12:00 AM	51.4	60.5	49.2
12:00 AM - 01:00 AM	51.5	56.2	49.7
01:00 AM - 02:00 AM	51.8	57.3	49.7
02:00 AM - 03:00 AM	51.2	56.2	49.2
03:00 AM - 04:00 AM	51.1	56.1	49.4
04:00 AM - 05:00 AM	53.6	61.6	49.5
05:00 AM - 06:00 AM	54.3	63.0	50.6
06:00 AM - 07:00 AM	51.8	70.3	49.1
07:00 AM - 08:00 AM	55.0	69.4	50.1
08:00 AM - 09:00 AM	53.6	67.0	50.1
09:00 AM - 10:00 AM	50.1	64.5	47.7
10:00 AM - 11:00 AM	49.3	59.2	47.0

Leq Average 24 hrs. (dB(A)) 52.8
Lmax (dB(A)) 70.3
L90 (dB(A)) 49.4
Ldn (dB(A)) 58.8
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการ
โรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334906

Date Received : Apr 06, 2023

Date Reported : Apr 11, 2023

Report Number: 2620967-1

Page 1 of 1

Sample Number 2334906-28
Parameter Noise (Leq 24 hrs.)
Location ริมรั้วด้านที่ 4 ทิศตะวันออก (N6) (GPS 47P 0752946, 1402719)
Measurement Date Apr 04 - Apr 05, 2023
Measurement by Nontachai Uppathamp
Sound Level meter Serial No. 623391

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	48.1	53.3	46.7
12:00 PM - 01:00 PM	50.4	65.1	48.3
01:00 PM - 02:00 PM	50.6	60.2	48.6
02:00 PM - 03:00 PM	50.9	65.3	49.1
03:00 PM - 04:00 PM	50.1	60.0	48.6
04:00 PM - 05:00 PM	54.0	68.3	48.4
05:00 PM - 06:00 PM	59.0	70.3	54.7
06:00 PM - 07:00 PM	50.3	58.1	48.5
07:00 PM - 08:00 PM	49.8	60.6	48.6
08:00 PM - 09:00 PM	49.7	58.5	48.8
09:00 PM - 10:00 PM	50.0	62.6	49.2
10:00 PM - 11:00 PM	50.0	61.6	49.0
11:00 PM - 12:00 AM	50.7	58.3	49.1
12:00 AM - 01:00 AM	50.4	60.4	49.3
01:00 AM - 02:00 AM	50.4	64.1	48.6
02:00 AM - 03:00 AM	49.6	52.7	48.8
03:00 AM - 04:00 AM	50.2	63.8	48.8
04:00 AM - 05:00 AM	53.4	62.5	49.8
05:00 AM - 06:00 AM	53.7	65.5	50.3
06:00 AM - 07:00 AM	49.8	63.6	47.8
07:00 AM - 08:00 AM	58.4	68.8	47.4
08:00 AM - 09:00 AM	55.7	68.8	48.1
09:00 AM - 10:00 AM	54.1	74.9	48.6
10:00 AM - 11:00 AM	49.7	60.1	47.9

Leq Average 24 hrs. (dB(A)) 52.8
Lmax (dB(A)) 74.9
L90 (dB(A)) 48.6
Ldn (dB(A)) 58.0
Standard (dB(A)) 70 115

Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงการรบกวน และระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548

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

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Life Sciences

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ภาคผนวก ค-5

ระดับเสียงรบกวน



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601910-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-1
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 07 - 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (B)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
	แหล่งกำเนิด (A-C)	กลางคืน (A-C)+3			กลางวัน (A-C)	กลางคืน (A-C)+3		
12:00 PM - 01:00 PM	47.6	55.5	-7.9	7.0	40.6	-	52.0	-11.4
01:00 PM - 02:00 PM	48.5	56.4	-7.9	7.0	41.5	-	53.5	-12.0
02:00 PM - 03:00 PM	48.5	56.2	-7.7	7.0	41.5	-	52.6	-11.1
03:00 PM - 04:00 PM	48.1	53.8	-5.7	7.0	41.1	-	50.6	-9.5
04:00 PM - 05:00 PM	48.0	55.8	-7.8	7.0	41.0	-	52.7	-11.7
05:00 PM - 06:00 PM	48.1	55.1	-7.0	7.0	41.1	-	51.9	-10.8
06:00 PM - 07:00 PM	49.2	56.1	-6.9	7.0	42.2	-	53.0	-10.8
07:00 PM - 08:00 PM	48.5	55.3	-6.8	7.0	41.5	-	52.1	-10.6
08:00 PM - 09:00 PM	49.0	55.1	-6.1	7.0	42.0	-	51.9	-9.9
09:00 PM - 10:00 PM	47.7	54.8	-7.1	7.0	40.7	-	52.0	-11.3
10:00 PM - 10:05 PM	48.0	54.1	-6.1	7.0	-	44.0	51.3	-7.3
10:05 PM - 10:10 PM	47.2	53.7	-6.5	7.0	-	43.2	50.9	-7.7
10:10 PM - 10:15 PM	47.4	53.2	-5.8	7.0	-	43.4	50.5	-7.1
10:15 PM - 10:20 PM	45.8	52.9	-7.1	7.0	-	41.8	51.1	-9.3
10:20 PM - 10:25 PM	45.5	53.5	-8.0	7.0	-	41.5	50.6	-9.1
10:25 PM - 10:30 PM	45.5	54.8	-9.3	7.0	-	41.5	50.9	-9.4
10:30 PM - 10:35 PM	45.4	52.3	-6.9	7.0	-	41.4	50.4	-9.0
10:35 PM - 10:40 PM	45.8	52.0	-6.2	7.0	-	41.8	49.6	-7.8
10:40 PM - 10:45 PM	46.2	50.8	-4.6	7.0	-	42.2	48.9	-6.7
10:45 PM - 10:50 PM	45.5	52.0	-6.5	7.0	-	41.5	50.1	-8.6
10:50 PM - 10:55 PM	45.3	52.1	-6.8	7.0	-	41.3	49.9	-8.6
10:55 PM - 11:00 PM	45.3	52.1	-6.8	7.0	-	41.3	49.5	-8.2
11:00 PM - 11:05 PM	45.0	51.4	-6.4	7.0	-	41.0	49.2	-8.2
11:05 PM - 11:10 PM	45.3	50.9	-5.6	7.0	-	41.3	48.6	-7.3
11:10 PM - 11:15 PM	45.5	50.7	-5.2	7.0	-	41.5	49.2	-7.7
11:15 PM - 11:20 PM	46.4	50.8	-4.4	7.0	-	42.4	48.6	-6.2
11:20 PM - 11:25 PM	45.9	53.2	-7.3	7.0	-	41.9	50.3	-8.4
11:25 PM - 11:30 PM	46.1	51.1	-5.0	7.0	-	42.1	49.0	-6.9
11:30 PM - 11:35 PM	46.7	54.7	-8.0	7.0	-	42.7	49.4	-6.7
11:35 PM - 11:40 PM	46.4	50.7	-4.3	7.0	-	42.4	49.2	-6.8
11:40 PM - 11:45 PM	46.0	50.6	-4.6	7.0	-	42.0	48.9	-6.9
11:45 PM - 11:50 PM	46.0	51.5	-5.5	7.0	-	42.0	49.7	-7.7
11:50 PM - 11:55 PM	46.1	51.5	-5.4	7.0	-	42.1	49.2	-7.1
11:55 PM - 12:00 AM	45.6	51.6	-6.0	7.0	-	41.6	50.0	-8.4
12:00 AM - 12:05 AM	46.3	52.4	-6.1	7.0	-	42.3	50.3	-8.0
12:05 AM - 12:10 AM	47.0	51.1	-4.1	7.0	-	43.0	49.6	-6.6
12:10 AM - 12:15 AM	47.1	52.3	-5.2	7.0	-	43.1	49.5	-6.4
12:15 AM - 12:20 AM	47.4	52.0	-4.6	7.0	-	43.4	48.9	-5.5
12:20 AM - 12:25 AM	47.3	50.6	-3.3	7.0	-	43.3	48.7	-5.4
12:25 AM - 12:30 AM	47.6	51.3	-3.7	7.0	-	43.6	48.4	-4.8

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317289

Date Received : Mar 17, 2023

Date Reported : Jun 26, 2023

Report Number : 2601910-1

Page 2 of 3

Sample No. 2317289-1
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 07 - 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))								
เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:30 AM - 12:35 AM	47.1	49.6	-2.5	7.0	-	43.1	47.8	-4.7
12:35 AM - 12:40 AM	46.8	50.5	-3.7	7.0	-	42.8	48.6	-5.8
12:40 AM - 12:45 AM	47.2	50.1	-2.9	7.0	-	43.2	47.9	-4.7
12:45 AM - 12:50 AM	46.8	50.7	-3.9	7.0	-	42.8	49.0	-6.2
12:50 AM - 12:55 AM	46.8	51.9	-5.1	7.0	-	42.8	49.2	-6.4
12:55 AM - 01:00 AM	46.7	51.0	-4.3	7.0	-	42.7	48.9	-6.2
01:00 AM - 01:05 AM	46.7	50.5	-3.8	7.0	-	42.7	48.5	-5.8
01:05 AM - 01:10 AM	47.0	49.2	-2.2	7.0	-	43.0	47.6	-4.6
01:10 AM - 01:15 AM	55.8	49.9	5.9	1.5	-	57.3	47.4	9.9
01:15 AM - 01:20 AM	50.9	49.4	1.5	4.5	-	49.4	47.7	1.7
01:20 AM - 01:25 AM	47.8	49.3	-1.5	7.0	-	43.8	46.9	-3.1
01:25 AM - 01:30 AM	47.7	49.8	-2.1	7.0	-	43.7	48.0	-4.3
01:30 AM - 01:35 AM	47.0	49.6	-2.6	7.0	-	43.0	47.3	-4.3
01:35 AM - 01:40 AM	47.1	51.3	-4.2	7.0	-	43.1	48.9	-5.8
01:40 AM - 01:45 AM	47.3	49.8	-2.5	7.0	-	43.3	47.8	-4.5
01:45 AM - 01:50 AM	47.0	49.6	-2.6	7.0	-	43.0	47.6	-4.6
01:50 AM - 01:55 AM	46.9	49.4	-2.5	7.0	-	42.9	47.6	-4.7
01:55 AM - 02:00 AM	47.3	48.9	-1.6	7.0	-	43.3	47.3	-4.0
02:00 AM - 02:05 AM	46.7	49.4	-2.7	7.0	-	42.7	47.6	-4.9
02:05 AM - 02:10 AM	45.7	49.9	-4.2	7.0	-	41.7	48.6	-6.9
02:10 AM - 02:15 AM	46.4	50.0	-3.6	7.0	-	42.4	47.9	-5.5
02:15 AM - 02:20 AM	46.2	50.7	-4.5	7.0	-	42.2	47.8	-5.6
02:20 AM - 02:25 AM	46.7	49.5	-2.8	7.0	-	42.7	48.1	-5.4
02:25 AM - 02:30 AM	47.8	49.6	-1.8	7.0	-	43.8	47.4	-3.6
02:30 AM - 02:35 AM	47.3	49.8	-2.5	7.0	-	43.3	47.4	-4.1
02:35 AM - 02:40 AM	46.6	48.2	-1.6	7.0	-	42.6	47.3	-4.7
02:40 AM - 02:45 AM	47.1	50.1	-3.0	7.0	-	43.1	47.7	-4.6
02:45 AM - 02:50 AM	47.2	49.6	-2.4	7.0	-	43.2	47.8	-4.6
02:50 AM - 02:55 AM	47.1	49.1	-2.0	7.0	-	43.1	47.9	-4.8
02:55 AM - 03:00 AM	47.8	48.9	-1.1	7.0	-	43.8	47.8	-4.0
03:00 AM - 03:05 AM	47.3	51.0	-3.7	7.0	-	43.3	48.4	-5.1
03:05 AM - 03:10 AM	46.8	49.9	-3.1	7.0	-	42.8	48.3	-5.5
03:10 AM - 03:15 AM	47.0	49.8	-2.8	7.0	-	43.0	48.3	-5.3
03:15 AM - 03:20 AM	47.4	50.1	-2.7	7.0	-	43.4	48.6	-5.2
03:20 AM - 03:25 AM	47.7	50.4	-2.7	7.0	-	43.7	48.6	-4.9
03:25 AM - 03:30 AM	47.5	54.6	-7.1	7.0	-	43.5	50.2	-6.7
03:30 AM - 03:35 AM	47.6	51.3	-3.7	7.0	-	43.6	49.4	-5.8
03:35 AM - 03:40 AM	48.4	50.7	-2.3	7.0	-	44.4	48.9	-4.5
03:40 AM - 03:45 AM	47.9	52.4	-4.5	7.0	-	43.9	49.4	-5.5
03:45 AM - 03:50 AM	47.5	50.6	-3.1	7.0	-	43.5	48.4	-4.9

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317289

Date Received : Mar 17, 2023

Date Reported : Jun 26, 2023

Report Number : 2601910-1

Page 3 of 3

Sample No. 2317289-1
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 07 - 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:50 AM - 03:55 AM	49.1	50.1	-1.0	7.0	-	45.1	48.4	-3.3
03:55 AM - 04:00 AM	49.1	50.2	-1.1	7.0	-	45.1	48.6	-3.5
04:00 AM - 04:05 AM	49.0	52.2	-3.2	7.0	-	45.0	49.5	-4.5
04:05 AM - 04:10 AM	48.7	53.4	-4.7	7.0	-	44.7	49.1	-4.4
04:10 AM - 04:15 AM	48.7	51.8	-3.1	7.0	-	44.7	49.3	-4.6
04:15 AM - 04:20 AM	48.0	50.2	-2.2	7.0	-	44.0	49.1	-5.1
04:20 AM - 04:25 AM	48.2	52.2	-4.0	7.0	-	44.2	49.2	-5.0
04:25 AM - 04:30 AM	51.9	50.8	1.1	7.0	-	47.9	48.8	-0.9
04:30 AM - 04:35 AM	48.0	50.4	-2.4	7.0	-	44.0	48.5	-4.5
04:35 AM - 04:40 AM	48.2	52.7	-4.5	7.0	-	44.2	48.5	-4.3
04:40 AM - 04:45 AM	47.9	50.6	-2.7	7.0	-	43.9	48.7	-4.8
04:45 AM - 04:50 AM	47.4	51.0	-3.6	7.0	-	43.4	48.9	-5.5
04:50 AM - 04:55 AM	48.1	49.5	-1.4	7.0	-	44.1	48.3	-4.2
04:55 AM - 05:00 AM	47.6	50.5	-2.9	7.0	-	43.6	49.4	-5.8
05:00 AM - 05:05 AM	47.2	51.7	-4.5	7.0	-	43.2	49.2	-6.0
05:05 AM - 05:10 AM	48.1	52.1	-4.0	7.0	-	44.1	49.0	-4.9
05:10 AM - 05:15 AM	48.5	51.6	-3.1	7.0	-	44.5	48.9	-4.4
05:15 AM - 05:20 AM	48.3	50.5	-2.2	7.0	-	44.3	48.7	-4.4
05:20 AM - 05:25 AM	48.7	49.5	-0.8	7.0	-	44.7	48.0	-3.3
05:25 AM - 05:30 AM	48.7	50.3	-1.6	7.0	-	44.7	48.4	-3.7
05:30 AM - 05:35 AM	48.9	50.1	-1.2	7.0	-	44.9	48.2	-3.3
05:35 AM - 05:40 AM	49.7	50.3	-0.6	7.0	-	45.7	48.9	-3.2
05:40 AM - 05:45 AM	49.3	50.0	-0.7	7.0	-	45.3	48.3	-3.0
05:45 AM - 05:50 AM	51.6	48.9	2.7	3.0	-	51.6	47.3	4.3
05:50 AM - 05:55 AM	55.3	49.3	6.0	1.5	-	56.8	48.1	8.7
05:55 AM - 06:00 AM	54.0	50.0	4.0	2.0	-	55.0	48.4	6.6
06:00 AM - 07:00 AM	50.9	50.8	0.1	7.0	43.9	-	48.5	-4.6
07:00 AM - 08:00 AM	50.1	50.4	-0.3	7.0	43.1	-	48.3	-5.2
08:00 AM - 09:00 AM	46.6	53.7	-7.1	7.0	39.6	-	50.8	-11.2
09:00 AM - 10:00 AM	45.8	53.8	-8.0	7.0	38.8	-	50.9	-12.1
10:00 AM - 11:00 AM	46.1	56.3	-10.2	7.0	39.1	-	53.8	-14.7
11:00 AM - 12:00 PM	46.0	55.5	-9.5	7.0	39.0	-	51.9	-12.9
ค่ามาตรฐาน								≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
 - ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 07-08 มีนาคม 2566
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-1 วันที่ตรวจวัด 12-13 มิถุนายน 2566)

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601911-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-2
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 08 - 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด ^(A)	เสียงขณะ ไม่มีการรบกวน ^(B)	ผลต่าง ระดับเสียง ^(A-B)	ตัวปรับค่า ^(C)	ปรับค่าเสียงจากแหล่งกำเนิด ^(B)		เสียงพื้นฐาน ^(E)	ค่าระดับ การรบกวน ^(D-E)
					กลางวัน ^(A-C)	กลางคืน ^{(A-C)+3}		
12:00 PM - 01:00 PM	46.6	55.0	-8.4	7.0	39.6	-	51.9	-12.3
01:00 PM - 02:00 PM	47.4	54.9	-7.5	7.0	40.4	-	52.1	-11.7
02:00 PM - 03:00 PM	48.2	53.8	-5.6	7.0	41.2	-	50.8	-9.6
03:00 PM - 04:00 PM	47.8	53.8	-6.0	7.0	40.8	-	50.6	-9.8
04:00 PM - 05:00 PM	48.2	55.7	-7.5	7.0	41.2	-	52.7	-11.5
05:00 PM - 06:00 PM	48.6	55.8	-7.2	7.0	41.6	-	52.5	-10.9
06:00 PM - 07:00 PM	50.0	56.0	-6.0	7.0	43.0	-	52.4	-9.4
07:00 PM - 08:00 PM	51.5	55.0	-3.5	7.0	44.5	-	52.1	-7.6
08:00 PM - 09:00 PM	49.9	54.6	-4.7	7.0	42.9	-	52.0	-9.1
09:00 PM - 10:00 PM	47.3	55.2	-7.9	7.0	40.3	-	52.3	-12.0
10:00 PM - 10:05 PM	48.6	51.9	-3.3	7.0	-	44.6	49.9	-5.3
10:05 PM - 10:10 PM	48.3	54.6	-6.3	7.0	-	44.3	51.2	-6.9
10:10 PM - 10:15 PM	48.0	53.4	-5.4	7.0	-	44.0	51.2	-7.2
10:15 PM - 10:20 PM	47.7	53.8	-6.1	7.0	-	43.7	50.9	-7.2
10:20 PM - 10:25 PM	47.5	54.9	-7.4	7.0	-	43.5	52.3	-8.8
10:25 PM - 10:30 PM	47.1	53.2	-6.1	7.0	-	43.1	50.8	-7.7
10:30 PM - 10:35 PM	47.0	53.5	-6.5	7.0	-	43.0	51.1	-8.1
10:35 PM - 10:40 PM	46.3	53.5	-7.2	7.0	-	42.3	51.0	-8.7
10:40 PM - 10:45 PM	46.4	51.8	-5.4	7.0	-	42.4	49.9	-7.5
10:45 PM - 10:50 PM	46.3	51.8	-5.5	7.0	-	42.3	49.7	-7.4
10:50 PM - 10:55 PM	47.0	51.1	-4.1	7.0	-	43.0	49.1	-6.1
10:55 PM - 11:00 PM	46.8	50.8	-4.0	7.0	-	42.8	49.2	-6.4
11:00 PM - 11:05 PM	46.7	50.7	-4.0	7.0	-	42.7	48.7	-6.0
11:05 PM - 11:10 PM	46.2	49.9	-3.7	7.0	-	42.2	48.3	-6.1
11:10 PM - 11:15 PM	46.7	50.4	-3.7	7.0	-	42.7	48.2	-5.5
11:15 PM - 11:20 PM	46.3	49.6	-3.3	7.0	-	42.3	47.8	-5.5
11:20 PM - 11:25 PM	46.7	50.3	-3.6	7.0	-	42.7	48.6	-5.9
11:25 PM - 11:30 PM	46.9	50.2	-3.3	7.0	-	42.9	48.6	-5.7
11:30 PM - 11:35 PM	46.7	50.9	-4.2	7.0	-	42.7	48.1	-5.4
11:35 PM - 11:40 PM	47.2	51.3	-4.1	7.0	-	43.2	49.1	-5.9
11:40 PM - 11:45 PM	46.8	49.8	-3.0	7.0	-	42.8	48.0	-5.2
11:45 PM - 11:50 PM	47.6	50.1	-2.5	7.0	-	43.6	48.2	-4.6
11:50 PM - 11:55 PM	47.6	49.9	-2.3	7.0	-	43.6	47.9	-4.3
11:55 PM - 12:00 AM	47.3	50.6	-3.3	7.0	-	43.3	48.8	-5.5
12:00 AM - 12:05 AM	47.2	51.2	-4.0	7.0	-	43.2	48.5	-5.3
12:05 AM - 12:10 AM	47.7	50.1	-2.4	7.0	-	43.7	48.2	-4.5
12:10 AM - 12:15 AM	48.6	50.7	-2.1	7.0	-	44.6	48.6	-4.0
12:15 AM - 12:20 AM	49.0	51.2	-2.2	7.0	-	45.0	48.9	-3.9
12:20 AM - 12:25 AM	49.1	52.7	-3.6	7.0	-	45.1	48.5	-3.4
12:25 AM - 12:30 AM	49.2	50.1	-0.9	7.0	-	45.2	47.6	-2.4

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601911-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2317289-2
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 08 - 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด ^(A)	เสียงขณะ ไม่มีการรบกวน ^(B)	ผลต่าง ระดับเสียง ^(A-B)	ตัวปรับค่า ^(C)	ปรับค่าเสียงจากแหล่งกำเนิด ^(D)		เสียงพื้นฐาน ^(E)	ค่าระดับ การรบกวน ^(D-E)
					กลางวัน ^(A-C)	กลางคืน ^{(A-C)+3}		
12:30 AM - 12:35 AM	49.2	49.7	-0.5	7.0	-	45.2	47.6	-2.4
12:35 AM - 12:40 AM	49.3	51.1	-1.8	7.0	-	45.3	48.4	-3.1
12:40 AM - 12:45 AM	49.7	51.4	-1.7	7.0	-	45.7	48.2	-2.5
12:45 AM - 12:50 AM	49.0	52.1	-3.1	7.0	-	45.0	48.8	-3.8
12:50 AM - 12:55 AM	48.9	51.6	-2.7	7.0	-	44.9	48.6	-3.7
12:55 AM - 01:00 AM	49.0	48.9	0.1	7.0	-	45.0	46.6	-1.6
01:00 AM - 01:05 AM	47.5	48.8	-1.3	7.0	-	43.5	46.5	-3.0
01:05 AM - 01:10 AM	46.4	48.5	-2.1	7.0	-	42.4	47.1	-4.7
01:10 AM - 01:15 AM	47.1	48.7	-1.6	7.0	-	43.1	46.6	-3.5
01:15 AM - 01:20 AM	46.4	49.3	-2.9	7.0	-	42.4	47.3	-4.9
01:20 AM - 01:25 AM	47.1	48.3	-1.2	7.0	-	43.1	46.4	-3.3
01:25 AM - 01:30 AM	46.9	46.7	0.2	7.0	-	42.9	45.5	-2.6
01:30 AM - 01:35 AM	46.8	47.6	-0.8	7.0	-	42.8	46.2	-3.4
01:35 AM - 01:40 AM	47.3	47.8	-0.5	7.0	-	43.3	46.5	-3.2
01:40 AM - 01:45 AM	46.8	47.4	-0.6	7.0	-	42.8	45.8	-3.0
01:45 AM - 01:50 AM	46.8	49.1	-2.3	7.0	-	42.8	47.0	-4.2
01:50 AM - 01:55 AM	47.1	48.7	-1.6	7.0	-	43.1	47.3	-4.2
01:55 AM - 02:00 AM	48.1	49.1	-1.0	7.0	-	44.1	47.3	-3.2
02:00 AM - 02:05 AM	47.3	51.1	-3.8	7.0	-	43.3	47.1	-3.8
02:05 AM - 02:10 AM	47.9	48.1	-0.2	7.0	-	43.9	46.7	-2.8
02:10 AM - 02:15 AM	46.5	48.5	-2.0	7.0	-	42.5	46.1	-3.6
02:15 AM - 02:20 AM	47.2	49.6	-2.4	7.0	-	43.2	47.9	-4.7
02:20 AM - 02:25 AM	47.0	48.5	-1.5	7.0	-	43.0	47.5	-4.5
02:25 AM - 02:30 AM	46.9	49.6	-2.7	7.0	-	42.9	48.1	-5.2
02:30 AM - 02:35 AM	46.8	50.2	-3.4	7.0	-	42.8	48.2	-5.4
02:35 AM - 02:40 AM	47.3	48.1	-0.8	7.0	-	43.3	46.0	-2.7
02:40 AM - 02:45 AM	46.8	47.4	-0.6	7.0	-	42.8	46.3	-3.5
02:45 AM - 02:50 AM	46.9	48.7	-1.8	7.0	-	42.9	47.0	-4.1
02:50 AM - 02:55 AM	46.3	46.9	-0.6	7.0	-	42.3	45.5	-3.2
02:55 AM - 03:00 AM	45.9	46.8	-0.9	7.0	-	41.9	45.6	-3.7
03:00 AM - 03:05 AM	47.1	47.9	-0.8	7.0	-	43.1	45.5	-2.4
03:05 AM - 03:10 AM	47.0	46.4	0.6	7.0	-	43.0	45.1	-2.1
03:10 AM - 03:15 AM	47.3	46.9	0.4	7.0	-	43.3	45.5	-2.2
03:15 AM - 03:20 AM	46.5	48.1	-1.6	7.0	-	42.5	47.2	-4.7
03:20 AM - 03:25 AM	46.5	48.2	-1.7	7.0	-	42.5	47.5	-5.0
03:25 AM - 03:30 AM	45.4	48.4	-3.0	7.0	-	41.4	47.3	-5.9
03:30 AM - 03:35 AM	45.1	47.8	-2.7	7.0	-	41.1	47.0	-5.9
03:35 AM - 03:40 AM	45.9	49.2	-3.3	7.0	-	41.9	47.3	-5.4
03:40 AM - 03:45 AM	46.6	48.7	-2.1	7.0	-	42.6	47.8	-5.2
03:45 AM - 03:50 AM	49.4	48.9	0.5	7.0	-	45.4	47.7	-2.3

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601911-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-2
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 08 - 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (B)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:50 AM - 03:55 AM	45.5	50.9	-5.4	7.0	-	41.5	50.0	-8.5
03:55 AM - 04:00 AM	45.1	50.5	-5.4	7.0	-	41.1	49.6	-8.5
04:00 AM - 04:05 AM	45.1	50.2	-5.1	7.0	-	41.1	49.2	-8.1
04:05 AM - 04:10 AM	46.2	49.8	-3.6	7.0	-	42.2	48.9	-6.7
04:10 AM - 04:15 AM	46.6	49.9	-3.3	7.0	-	42.6	48.9	-6.3
04:15 AM - 04:20 AM	46.0	49.9	-3.9	7.0	-	42.0	49.0	-7.0
04:20 AM - 04:25 AM	45.9	49.8	-3.9	7.0	-	41.9	48.9	-7.0
04:25 AM - 04:30 AM	46.0	51.5	-5.5	7.0	-	42.0	49.1	-7.1
04:30 AM - 04:35 AM	46.1	49.3	-3.2	7.0	-	42.1	48.5	-6.4
04:35 AM - 04:40 AM	45.4	51.6	-6.2	7.0	-	41.4	49.5	-8.1
04:40 AM - 04:45 AM	45.4	50.3	-4.9	7.0	-	41.4	49.1	-7.7
04:45 AM - 04:50 AM	45.7	49.6	-3.9	7.0	-	41.7	48.3	-6.6
04:50 AM - 04:55 AM	45.4	49.2	-3.8	7.0	-	41.4	47.9	-6.5
04:55 AM - 05:00 AM	45.4	50.8	-5.4	7.0	-	41.4	48.5	-7.1
05:00 AM - 05:05 AM	46.7	51.1	-4.4	7.0	-	42.7	48.9	-6.2
05:05 AM - 05:10 AM	46.7	50.9	-4.2	7.0	-	42.7	49.1	-6.4
05:10 AM - 05:15 AM	46.3	50.9	-4.6	7.0	-	42.3	49.0	-6.7
05:15 AM - 05:20 AM	46.4	49.2	-2.8	7.0	-	42.4	48.1	-5.7
05:20 AM - 05:25 AM	46.7	50.4	-3.7	7.0	-	42.7	48.7	-6.0
05:25 AM - 05:30 AM	45.5	50.4	-4.9	7.0	-	41.5	48.8	-7.3
05:30 AM - 05:35 AM	45.9	49.3	-3.4	7.0	-	41.9	48.2	-6.3
05:35 AM - 05:40 AM	45.2	49.9	-4.7	7.0	-	41.2	48.3	-7.1
05:40 AM - 05:45 AM	46.2	50.4	-4.2	7.0	-	42.2	48.8	-6.6
05:45 AM - 05:50 AM	45.9	49.9	-4.0	7.0	-	41.9	48.0	-6.1
05:50 AM - 05:55 AM	53.7	49.7	4.0	2.0	-	54.7	47.6	7.1
05:55 AM - 06:00 AM	52.3	49.0	3.3	3.0	-	52.3	46.9	5.4
06:00 AM - 07:00 AM	50.7	49.2	1.5	4.5	46.2	-	47.1	-0.9
07:00 AM - 08:00 AM	49.2	49.8	-0.6	7.0	42.2	-	47.8	-5.6
08:00 AM - 09:00 AM	47.0	55.0	-8.0	7.0	40.0	-	51.2	-11.2
09:00 AM - 10:00 AM	46.5	54.3	-7.8	7.0	39.5	-	51.9	-12.4
10:00 AM - 11:00 AM	47.3	56.9	-9.6	7.0	40.3	-	54.1	-13.8
11:00 AM - 12:00 PM	47.5	55.7	-8.2	7.0	40.5	-	52.5	-12.0

ค่ามาตรฐาน

≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
 - ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 08-09 มีนาคม 2566
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-2 วันที่ตรวจวัด 13-14 มิถุนายน 2566)

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601912-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-3
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 09 - 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด ^(A)	เสียงขณะ ไม่มีการรบกวน ^(B)	ผลต่าง ระดับเสียง ^(A-B)	ตัวปรับค่า ^(C)	ปรับค่าเสียงจากแหล่งกำเนิด ^(B)		เสียงพื้นฐาน ^(E)	ค่าระดับ การรบกวน ^(D-E)
					กลางวัน ^(A-C)	กลางคืน ^{(A-C)+3}		
12:00 PM - 01:00 PM	47.2	55.9	-8.7	7.0	40.2	-	52.1	-11.9
01:00 PM - 02:00 PM	49.9	54.7	-4.8	7.0	42.9	-	51.8	-8.9
02:00 PM - 03:00 PM	48.8	53.0	-4.2	7.0	41.8	-	50.0	-8.2
03:00 PM - 04:00 PM	48.4	52.9	-4.5	7.0	41.4	-	49.8	-8.4
04:00 PM - 05:00 PM	48.0	54.6	-6.6	7.0	41.0	-	51.3	-10.3
05:00 PM - 06:00 PM	47.5	54.3	-6.8	7.0	40.5	-	50.8	-10.3
06:00 PM - 07:00 PM	49.9	55.1	-5.2	7.0	42.9	-	51.7	-8.8
07:00 PM - 08:00 PM	50.8	54.8	-4.0	7.0	43.8	-	51.3	-7.5
08:00 PM - 09:00 PM	49.2	55.5	-6.3	7.0	42.2	-	51.6	-9.4
09:00 PM - 10:00 PM	49.3	56.0	-6.7	7.0	42.3	-	51.3	-9.0
10:00 PM - 10:05 PM	49.8	53.0	-3.2	7.0	-	45.8	50.4	-4.6
10:05 PM - 10:10 PM	48.7	51.5	-2.8	7.0	-	44.7	50.1	-5.4
10:10 PM - 10:15 PM	48.3	50.8	-2.5	7.0	-	44.3	49.1	-4.8
10:15 PM - 10:20 PM	48.4	50.7	-2.3	7.0	-	44.4	49.1	-4.7
10:20 PM - 10:25 PM	47.9	52.9	-5.0	7.0	-	43.9	50.3	-6.4
10:25 PM - 10:30 PM	48.5	52.4	-3.9	7.0	-	44.5	49.9	-5.4
10:30 PM - 10:35 PM	48.5	51.8	-3.3	7.0	-	44.5	50.0	-5.5
10:35 PM - 10:40 PM	48.2	51.5	-3.3	7.0	-	44.2	49.4	-5.2
10:40 PM - 10:45 PM	48.0	51.2	-3.2	7.0	-	44.0	49.0	-5.0
10:45 PM - 10:50 PM	48.1	52.7	-4.6	7.0	-	44.1	49.7	-5.6
10:50 PM - 10:55 PM	48.0	52.2	-4.2	7.0	-	44.0	49.9	-5.9
10:55 PM - 11:00 PM	48.2	51.1	-2.9	7.0	-	44.2	49.6	-5.4
11:00 PM - 11:05 PM	48.1	51.5	-3.4	7.0	-	44.1	49.7	-5.6
11:05 PM - 11:10 PM	47.8	50.7	-2.9	7.0	-	43.8	49.0	-5.2
11:10 PM - 11:15 PM	47.0	50.5	-3.5	7.0	-	43.0	48.2	-5.2
11:15 PM - 11:20 PM	47.3	50.8	-3.5	7.0	-	43.3	49.0	-5.7
11:20 PM - 11:25 PM	49.5	50.5	-1.0	7.0	-	45.5	49.1	-3.6
11:25 PM - 11:30 PM	48.5	51.7	-3.2	7.0	-	44.5	49.9	-5.4
11:30 PM - 11:35 PM	48.2	50.6	-2.4	7.0	-	44.2	48.8	-4.6
11:35 PM - 11:40 PM	48.1	51.5	-3.4	7.0	-	44.1	48.9	-4.8
11:40 PM - 11:45 PM	48.2	51.6	-3.4	7.0	-	44.2	49.7	-5.5
11:45 PM - 11:50 PM	48.4	51.1	-2.7	7.0	-	44.4	48.8	-4.4
11:50 PM - 11:55 PM	48.6	51.7	-3.1	7.0	-	44.6	50.1	-5.5
11:55 PM - 12:00 AM	47.8	51.7	-3.9	7.0	-	43.8	49.7	-5.9
12:00 AM - 12:05 AM	49.5	52.6	-3.1	7.0	-	45.5	50.1	-4.6
12:05 AM - 12:10 AM	49.1	51.4	-2.3	7.0	-	45.1	49.5	-4.4
12:10 AM - 12:15 AM	49.6	51.8	-2.2	7.0	-	45.6	49.7	-4.1
12:15 AM - 12:20 AM	49.2	51.6	-2.4	7.0	-	45.2	48.8	-3.6
12:20 AM - 12:25 AM	49.4	52.1	-2.7	7.0	-	45.4	49.3	-3.9
12:25 AM - 12:30 AM	50.0	51.8	-1.8	7.0	-	46.0	50.1	-4.1

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601912-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2317289-3
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 09 - 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า ปรับค่าเสียงจากแหล่งกำเนิด (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
	กลางวัน (A-C)	กลางคืน (A-C)+3						
12:30 AM - 12:35 AM	49.1	52.1	-3.0	7.0	-	45.1	50.5	-5.4
12:35 AM - 12:40 AM	47.6	51.2	-3.6	7.0	-	43.6	48.6	-5.0
12:40 AM - 12:45 AM	47.1	52.3	-5.2	7.0	-	43.1	50.3	-7.2
12:45 AM - 12:50 AM	46.6	52.6	-6.0	7.0	-	42.6	50.0	-7.4
12:50 AM - 12:55 AM	47.0	52.2	-5.2	7.0	-	43.0	49.3	-6.3
12:55 AM - 01:00 AM	51.6	50.9	0.7	7.0	-	47.6	49.0	-1.4
01:00 AM - 01:05 AM	48.6	49.8	-1.2	7.0	-	44.6	47.9	-3.3
01:05 AM - 01:10 AM	47.7	50.7	-3.0	7.0	-	43.7	48.5	-4.8
01:10 AM - 01:15 AM	46.3	52.6	-6.3	7.0	-	42.3	49.4	-7.1
01:15 AM - 01:20 AM	46.7	51.3	-4.6	7.0	-	42.7	49.1	-6.4
01:20 AM - 01:25 AM	47.5	51.5	-4.0	7.0	-	43.5	49.6	-6.1
01:25 AM - 01:30 AM	47.0	51.1	-4.1	7.0	-	43.0	48.2	-5.2
01:30 AM - 01:35 AM	46.7	50.5	-3.8	7.0	-	42.7	48.7	-6.0
01:35 AM - 01:40 AM	46.0	51.0	-5.0	7.0	-	42.0	48.6	-6.6
01:40 AM - 01:45 AM	45.8	49.9	-4.1	7.0	-	41.8	47.9	-6.1
01:45 AM - 01:50 AM	45.8	50.7	-4.9	7.0	-	41.8	47.3	-5.5
01:50 AM - 01:55 AM	45.7	50.0	-4.3	7.0	-	41.7	47.8	-6.1
01:55 AM - 02:00 AM	46.4	50.6	-4.2	7.0	-	42.4	47.9	-5.5
02:00 AM - 02:05 AM	46.3	51.2	-4.9	7.0	-	42.3	48.7	-6.4
02:05 AM - 02:10 AM	46.4	49.4	-3.0	7.0	-	42.4	47.0	-4.6
02:10 AM - 02:15 AM	47.1	49.2	-2.1	7.0	-	43.1	47.2	-4.1
02:15 AM - 02:20 AM	45.9	50.4	-4.5	7.0	-	41.9	47.1	-5.2
02:20 AM - 02:25 AM	45.5	48.7	-3.2	7.0	-	41.5	47.4	-5.9
02:25 AM - 02:30 AM	46.1	48.8	-2.7	7.0	-	42.1	47.1	-5.0
02:30 AM - 02:35 AM	46.9	49.3	-2.4	7.0	-	42.9	47.3	-4.4
02:35 AM - 02:40 AM	45.4	51.3	-5.9	7.0	-	41.4	48.4	-7.0
02:40 AM - 02:45 AM	46.0	49.4	-3.4	7.0	-	42.0	47.6	-5.6
02:45 AM - 02:50 AM	46.5	48.8	-2.3	7.0	-	42.5	47.6	-5.1
02:50 AM - 02:55 AM	45.9	49.4	-3.5	7.0	-	41.9	47.7	-5.8
02:55 AM - 03:00 AM	45.7	48.5	-2.8	7.0	-	41.7	46.8	-5.1
03:00 AM - 03:05 AM	45.2	48.9	-3.7	7.0	-	41.2	47.5	-6.3
03:05 AM - 03:10 AM	44.0	48.4	-4.4	7.0	-	40.0	46.5	-6.5
03:10 AM - 03:15 AM	44.9	48.3	-3.4	7.0	-	40.9	46.4	-5.5
03:15 AM - 03:20 AM	44.4	47.4	-3.0	7.0	-	40.4	45.3	-4.9
03:20 AM - 03:25 AM	44.3	47.5	-3.2	7.0	-	40.3	46.0	-5.7
03:25 AM - 03:30 AM	44.4	48.1	-3.7	7.0	-	40.4	46.4	-6.0
03:30 AM - 03:35 AM	44.4	48.3	-3.9	7.0	-	40.4	46.7	-6.3
03:35 AM - 03:40 AM	44.8	48.5	-3.7	7.0	-	40.8	46.4	-5.6
03:40 AM - 03:45 AM	46.1	48.5	-2.4	7.0	-	42.1	47.2	-5.1
03:45 AM - 03:50 AM	46.6	50.1	-3.5	7.0	-	42.6	47.6	-5.0

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601912-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-3
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 09 - 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:50 AM - 03:55 AM	46.7	49.2	-2.5	7.0	-	42.7	47.1	-4.4
03:55 AM - 04:00 AM	45.7	48.0	-2.3	7.0	-	41.7	46.2	-4.5
04:00 AM - 04:05 AM	45.7	47.5	-1.8	7.0	-	41.7	46.1	-4.4
04:05 AM - 04:10 AM	48.8	49.2	-0.4	7.0	-	44.8	47.8	-3.0
04:10 AM - 04:15 AM	45.7	48.9	-3.2	7.0	-	41.7	47.1	-5.4
04:15 AM - 04:20 AM	46.0	48.1	-2.1	7.0	-	42.0	46.3	-4.3
04:20 AM - 04:25 AM	45.8	49.3	-3.5	7.0	-	41.8	46.5	-4.7
04:25 AM - 04:30 AM	46.1	48.4	-2.3	7.0	-	42.1	46.6	-4.5
04:30 AM - 04:35 AM	46.1	48.0	-1.9	7.0	-	42.1	46.2	-4.1
04:35 AM - 04:40 AM	46.3	48.6	-2.3	7.0	-	42.3	47.1	-4.8
04:40 AM - 04:45 AM	46.9	48.0	-1.1	7.0	-	42.9	46.2	-3.3
04:45 AM - 04:50 AM	46.8	48.5	-1.7	7.0	-	42.8	46.6	-3.8
04:50 AM - 04:55 AM	47.3	49.5	-2.2	7.0	-	43.3	46.8	-3.5
04:55 AM - 05:00 AM	47.2	48.0	-0.8	7.0	-	43.2	46.8	-3.6
05:00 AM - 05:05 AM	47.8	48.0	-0.2	7.0	-	43.8	46.3	-2.5
05:05 AM - 05:10 AM	47.3	47.2	0.1	7.0	-	43.3	46.1	-2.8
05:10 AM - 05:15 AM	47.6	48.4	-0.8	7.0	-	43.6	46.8	-3.2
05:15 AM - 05:20 AM	48.2	48.0	0.2	7.0	-	44.2	46.2	-2.0
05:20 AM - 05:25 AM	46.6	47.3	-0.7	7.0	-	42.6	45.8	-3.2
05:25 AM - 05:30 AM	46.5	48.9	-2.4	7.0	-	42.5	46.1	-3.6
05:30 AM - 05:35 AM	47.4	47.3	0.1	7.0	-	43.4	45.8	-2.4
05:35 AM - 05:40 AM	46.6	47.1	-0.5	7.0	-	42.6	45.6	-3.0
05:40 AM - 05:45 AM	46.4	47.3	-0.9	7.0	-	42.4	45.6	-3.2
05:45 AM - 05:50 AM	50.2	47.1	3.1	3.0	-	50.2	45.5	4.7
05:50 AM - 05:55 AM	54.4	48.1	6.3	1.5	-	55.9	46.2	9.7
05:55 AM - 06:00 AM	47.9	47.9	0.0	7.0	-	43.9	46.1	-2.2
06:00 AM - 07:00 AM	49.6	48.4	1.2	7.0	42.6	-	46.5	-3.9
07:00 AM - 08:00 AM	48.8	48.1	0.7	7.0	41.8	-	46.1	-4.3
08:00 AM - 09:00 AM	46.3	52.5	-6.2	7.0	39.3	-	49.5	-10.2
09:00 AM - 10:00 AM	45.9	54.0	-8.1	7.0	38.9	-	50.3	-11.4
10:00 AM - 11:00 AM	47.0	55.7	-8.7	7.0	40.0	-	53.1	-13.1
11:00 AM - 12:00 PM	46.6	54.9	-8.3	7.0	39.6	-	51.3	-11.7

ค่ามาตรฐาน

≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
 - ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 09-10 มีนาคม 2566
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-3 วันที่ตรวจวัด 14-15 มิถุนายน 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601913-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-4
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 10 - 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (B)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
	กลางวัน (A-C)	กลางคืน (A-C)+3			กลางวัน (A-C)	กลางคืน (A-C)+3		
12:00 PM - 01:00 PM	47.1	54.3	-7.2	7.0	40.1	-	51.2	-11.1
01:00 PM - 02:00 PM	48.3	54.9	-6.6	7.0	41.3	-	51.8	-10.5
02:00 PM - 03:00 PM	48.4	53.2	-4.8	7.0	41.4	-	50.2	-8.8
03:00 PM - 04:00 PM	47.8	52.9	-5.1	7.0	40.8	-	49.7	-8.9
04:00 PM - 05:00 PM	47.9	54.0	-6.1	7.0	40.9	-	50.8	-9.9
05:00 PM - 06:00 PM	48.2	54.3	-6.1	7.0	41.2	-	50.9	-9.7
06:00 PM - 07:00 PM	51.7	54.0	-2.3	7.0	44.7	-	50.8	-6.1
07:00 PM - 08:00 PM	55.3	54.7	0.6	7.0	48.3	-	51.4	-3.1
08:00 PM - 09:00 PM	52.3	54.1	-1.8	7.0	45.3	-	51.1	-5.8
09:00 PM - 10:00 PM	49.7	54.0	-4.3	7.0	42.7	-	51.0	-8.3
10:00 PM - 10:05 PM	48.7	51.4	-2.7	7.0	-	44.7	49.7	-5.0
10:05 PM - 10:10 PM	49.0	51.2	-2.2	7.0	-	45.0	49.1	-4.1
10:10 PM - 10:15 PM	48.9	50.5	-1.6	7.0	-	44.9	48.3	-3.4
10:15 PM - 10:20 PM	48.6	51.8	-3.2	7.0	-	44.6	49.1	-4.5
10:20 PM - 10:25 PM	48.2	52.0	-3.8	7.0	-	44.2	49.4	-5.2
10:25 PM - 10:30 PM	47.9	51.7	-3.8	7.0	-	43.9	48.5	-4.6
10:30 PM - 10:35 PM	47.3	50.7	-3.4	7.0	-	43.3	48.5	-5.2
10:35 PM - 10:40 PM	47.1	49.1	-2.0	7.0	-	43.1	47.6	-4.5
10:40 PM - 10:45 PM	47.0	50.5	-3.5	7.0	-	43.0	47.9	-4.9
10:45 PM - 10:50 PM	46.9	49.7	-2.8	7.0	-	42.9	48.1	-5.2
10:50 PM - 10:55 PM	46.9	51.5	-4.6	7.0	-	42.9	49.3	-6.4
10:55 PM - 11:00 PM	48.3	51.4	-3.1	7.0	-	44.3	48.4	-4.1
11:00 PM - 11:05 PM	48.0	51.1	-3.1	7.0	-	44.0	48.6	-4.6
11:05 PM - 11:10 PM	48.1	50.1	-2.0	7.0	-	44.1	47.4	-3.3
11:10 PM - 11:15 PM	47.4	50.8	-3.4	7.0	-	43.4	48.1	-4.7
11:15 PM - 11:20 PM	46.9	50.4	-3.5	7.0	-	42.9	48.0	-5.1
11:20 PM - 11:25 PM	47.6	49.8	-2.2	7.0	-	43.6	47.3	-3.7
11:25 PM - 11:30 PM	47.9	50.1	-2.2	7.0	-	43.9	46.8	-2.9
11:30 PM - 11:35 PM	47.7	49.5	-1.8	7.0	-	43.7	47.8	-4.1
11:35 PM - 11:40 PM	47.1	51.1	-4.0	7.0	-	43.1	48.7	-5.6
11:40 PM - 11:45 PM	47.4	50.2	-2.8	7.0	-	43.4	48.5	-5.1
11:45 PM - 11:50 PM	46.4	50.2	-3.8	7.0	-	42.4	47.6	-5.2
11:50 PM - 11:55 PM	46.2	51.3	-5.1	7.0	-	42.2	48.5	-6.3
11:55 PM - 12:00 AM	46.3	50.3	-4.0	7.0	-	42.3	47.5	-5.2
12:00 AM - 12:05 AM	46.7	50.9	-4.2	7.0	-	42.7	47.9	-5.2
12:05 AM - 12:10 AM	46.3	51.3	-5.0	7.0	-	42.3	48.8	-6.5
12:10 AM - 12:15 AM	46.8	50.7	-3.9	7.0	-	42.8	47.9	-5.1
12:15 AM - 12:20 AM	46.4	52.4	-6.0	7.0	-	42.4	48.2	-5.8
12:20 AM - 12:25 AM	47.1	50.8	-3.7	7.0	-	43.1	47.6	-4.5
12:25 AM - 12:30 AM	47.5	50.1	-2.6	7.0	-	43.5	47.5	-4.0

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601913-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2317289-4
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 10 - 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า ปรับค่าเสียงจากแหล่งกำเนิด (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
	กลางวัน (A-C)	กลางคืน (A-C)+3						
12:30 AM - 12:35 AM	47.7	49.7	-2.0	7.0	-	43.7	47.9	-4.2
12:35 AM - 12:40 AM	48.0	50.8	-2.8	7.0	-	44.0	48.4	-4.4
12:40 AM - 12:45 AM	47.6	48.8	-1.2	7.0	-	43.6	47.2	-3.6
12:45 AM - 12:50 AM	47.5	50.3	-2.8	7.0	-	43.5	47.3	-3.8
12:50 AM - 12:55 AM	47.5	51.9	-4.4	7.0	-	43.5	47.9	-4.4
12:55 AM - 01:00 AM	47.3	51.4	-4.1	7.0	-	43.3	48.1	-4.8
01:00 AM - 01:05 AM	47.2	49.0	-1.8	7.0	-	43.2	46.9	-3.7
01:05 AM - 01:10 AM	46.5	50.5	-4.0	7.0	-	42.5	47.5	-5.0
01:10 AM - 01:15 AM	46.4	52.1	-5.7	7.0	-	42.4	47.0	-4.6
01:15 AM - 01:20 AM	46.9	50.2	-3.3	7.0	-	42.9	46.7	-3.8
01:20 AM - 01:25 AM	46.8	48.7	-1.9	7.0	-	42.8	46.9	-4.1
01:25 AM - 01:30 AM	46.9	49.2	-2.3	7.0	-	42.9	47.4	-4.5
01:30 AM - 01:35 AM	47.2	49.4	-2.2	7.0	-	43.2	46.8	-3.6
01:35 AM - 01:40 AM	47.4	54.5	-7.1	7.0	-	43.4	47.2	-3.8
01:40 AM - 01:45 AM	47.3	50.5	-3.2	7.0	-	43.3	48.1	-4.8
01:45 AM - 01:50 AM	47.5	49.1	-1.6	7.0	-	43.5	47.1	-3.6
01:50 AM - 01:55 AM	48.1	49.9	-1.8	7.0	-	44.1	48.1	-4.0
01:55 AM - 02:00 AM	49.3	48.9	0.4	7.0	-	45.3	47.0	-1.7
02:00 AM - 02:05 AM	49.3	47.8	1.5	4.5	-	47.8	46.6	1.2
02:05 AM - 02:10 AM	48.8	47.9	0.9	7.0	-	44.8	46.0	-1.2
02:10 AM - 02:15 AM	48.6	49.7	-1.1	7.0	-	44.6	46.8	-2.2
02:15 AM - 02:20 AM	48.3	48.6	-0.3	7.0	-	44.3	46.7	-2.4
02:20 AM - 02:25 AM	51.6	47.8	3.8	2.0	-	52.6	46.6	6.0
02:25 AM - 02:30 AM	48.8	48.6	0.2	7.0	-	44.8	46.9	-2.1
02:30 AM - 02:35 AM	47.7	47.8	-0.1	7.0	-	43.7	46.5	-2.8
02:35 AM - 02:40 AM	48.0	48.5	-0.5	7.0	-	44.0	47.0	-3.0
02:40 AM - 02:45 AM	47.6	48.4	-0.8	7.0	-	43.6	47.1	-3.5
02:45 AM - 02:50 AM	47.8	49.7	-1.9	7.0	-	43.8	48.2	-4.4
02:50 AM - 02:55 AM	47.5	48.2	-0.7	7.0	-	43.5	46.6	-3.1
02:55 AM - 03:00 AM	47.3	48.6	-1.3	7.0	-	43.3	46.8	-3.5
03:00 AM - 03:05 AM	47.0	48.7	-1.7	7.0	-	43.0	46.9	-3.9
03:05 AM - 03:10 AM	47.1	49.2	-2.1	7.0	-	43.1	47.3	-4.2
03:10 AM - 03:15 AM	48.2	48.0	0.2	7.0	-	44.2	46.1	-1.9
03:15 AM - 03:20 AM	46.3	47.8	-1.5	7.0	-	42.3	45.8	-3.5
03:20 AM - 03:25 AM	48.4	48.3	0.1	7.0	-	44.4	46.9	-2.5
03:25 AM - 03:30 AM	46.8	47.7	-0.9	7.0	-	42.8	46.0	-3.2
03:30 AM - 03:35 AM	47.0	48.4	-1.4	7.0	-	43.0	46.7	-3.7
03:35 AM - 03:40 AM	46.0	47.8	-1.8	7.0	-	42.0	46.5	-4.5
03:40 AM - 03:45 AM	45.4	48.9	-3.5	7.0	-	41.4	46.9	-5.5
03:45 AM - 03:50 AM	46.2	47.8	-1.6	7.0	-	42.2	46.4	-4.2

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601913-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-4
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 10 - 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:50 AM - 03:55 AM	46.3	46.9	-0.6	7.0	-	42.3	45.7	-3.4
03:55 AM - 04:00 AM	45.5	47.5	-2.0	7.0	-	41.5	46.1	-4.6
04:00 AM - 04:05 AM	46.0	48.2	-2.2	7.0	-	42.0	46.1	-4.1
04:05 AM - 04:10 AM	45.8	48.2	-2.4	7.0	-	41.8	46.7	-4.9
04:10 AM - 04:15 AM	44.8	48.8	-4.0	7.0	-	40.8	47.0	-6.2
04:15 AM - 04:20 AM	45.1	47.9	-2.8	7.0	-	41.1	46.5	-5.4
04:20 AM - 04:25 AM	45.1	48.2	-3.1	7.0	-	41.1	46.4	-5.3
04:25 AM - 04:30 AM	47.7	48.3	-0.6	7.0	-	43.7	46.6	-2.9
04:30 AM - 04:35 AM	49.8	48.9	0.9	7.0	-	45.8	47.5	-1.7
04:35 AM - 04:40 AM	45.1	48.8	-3.7	7.0	-	41.1	47.9	-6.8
04:40 AM - 04:45 AM	44.3	48.0	-3.7	7.0	-	40.3	46.0	-5.7
04:45 AM - 04:50 AM	45.2	48.1	-2.9	7.0	-	41.2	46.0	-4.8
04:50 AM - 04:55 AM	45.3	47.4	-2.1	7.0	-	41.3	46.1	-4.8
04:55 AM - 05:00 AM	45.0	48.0	-3.0	7.0	-	41.0	46.0	-5.0
05:00 AM - 05:05 AM	45.5	47.8	-2.3	7.0	-	41.5	46.1	-4.6
05:05 AM - 05:10 AM	46.0	48.0	-2.0	7.0	-	42.0	46.3	-4.3
05:10 AM - 05:15 AM	45.5	47.6	-2.1	7.0	-	41.5	45.9	-4.4
05:15 AM - 05:20 AM	46.0	47.2	-1.2	7.0	-	42.0	45.5	-3.5
05:20 AM - 05:25 AM	52.8	47.7	5.1	1.5	-	54.3	46.1	8.2
05:25 AM - 05:30 AM	55.9	48.1	7.8	0.5	-	58.4	46.4	12.0
05:30 AM - 05:35 AM	52.9	48.5	4.4	2.0	-	53.9	46.2	7.7
05:35 AM - 05:40 AM	44.3	49.0	-4.7	7.0	-	40.3	46.9	-6.6
05:40 AM - 05:45 AM	43.7	47.5	-3.8	7.0	-	39.7	45.5	-5.8
05:45 AM - 05:50 AM	46.3	47.8	-1.5	7.0	-	42.3	46.0	-3.7
05:50 AM - 05:55 AM	45.0	48.2	-3.2	7.0	-	41.0	46.0	-5.0
05:55 AM - 06:00 AM	52.5	47.5	5.0	1.5	-	54.0	45.8	8.2
06:00 AM - 07:00 AM	50.2	47.8	2.4	4.5	45.7	-	46.1	-0.4
07:00 AM - 08:00 AM	49.1	48.6	0.5	7.0	42.1	-	46.2	-4.1
08:00 AM - 09:00 AM	47.3	52.3	-5.0	7.0	40.3	-	49.4	-9.1
09:00 AM - 10:00 AM	46.8	53.9	-7.1	7.0	39.8	-	50.1	-10.3
10:00 AM - 11:00 AM	46.8	55.9	-9.1	7.0	39.8	-	52.7	-12.9
11:00 AM - 12:00 PM	48.0	54.6	-6.6	7.0	41.0	-	50.7	-9.7

ค่ามาตรฐาน

≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
 - ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 10-11 มีนาคม 2566
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-4 วันที่ตรวจวัด 15-16 มิถุนายน 2566)

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601914-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-5
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 11 - 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (B)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:00 PM - 01:00 PM	47.2	54.9	-7.7	7.0	40.2	-	51.3	-11.1
01:00 PM - 02:00 PM	48.3	54.2	-5.9	7.0	41.3	-	51.8	-10.5
02:00 PM - 03:00 PM	48.2	53.2	-5.0	7.0	41.2	-	50.4	-9.2
03:00 PM - 04:00 PM	49.2	53.6	-4.4	7.0	42.2	-	50.4	-8.2
04:00 PM - 05:00 PM	49.2	54.9	-5.7	7.0	42.2	-	51.7	-9.5
05:00 PM - 06:00 PM	48.9	54.3	-5.4	7.0	41.9	-	50.8	-8.9
06:00 PM - 07:00 PM	50.4	55.3	-4.9	7.0	43.4	-	51.5	-8.1
07:00 PM - 08:00 PM	50.7	55.8	-5.1	7.0	43.7	-	52.2	-8.5
08:00 PM - 09:00 PM	49.6	54.8	-5.2	7.0	42.6	-	51.2	-8.6
09:00 PM - 10:00 PM	49.4	53.1	-3.7	7.0	42.4	-	50.9	-8.5
10:00 PM - 10:05 PM	51.1	51.7	-0.6	7.0	-	47.1	49.4	-2.3
10:05 PM - 10:10 PM	49.9	50.8	-0.9	7.0	-	45.9	48.9	-3.0
10:10 PM - 10:15 PM	49.4	51.1	-1.7	7.0	-	45.4	48.9	-3.5
10:15 PM - 10:20 PM	50.0	50.4	-0.4	7.0	-	46.0	49.0	-3.0
10:20 PM - 10:25 PM	50.0	51.1	-1.1	7.0	-	46.0	48.4	-2.4
10:25 PM - 10:30 PM	50.1	50.7	-0.6	7.0	-	46.1	49.2	-3.1
10:30 PM - 10:35 PM	49.9	50.4	-0.5	7.0	-	45.9	48.9	-3.0
10:35 PM - 10:40 PM	49.3	50.7	-1.4	7.0	-	45.3	49.2	-3.9
10:40 PM - 10:45 PM	49.7	50.3	-0.6	7.0	-	45.7	48.6	-2.9
10:45 PM - 10:50 PM	49.3	51.9	-2.6	7.0	-	45.3	49.5	-4.2
10:50 PM - 10:55 PM	50.4	51.3	-0.9	7.0	-	46.4	49.1	-2.7
10:55 PM - 11:00 PM	50.3	50.8	-0.5	7.0	-	46.3	49.3	-3.0
11:00 PM - 11:05 PM	49.5	51.8	-2.3	7.0	-	45.5	49.3	-3.8
11:05 PM - 11:10 PM	50.5	50.9	-0.4	7.0	-	46.5	49.0	-2.5
11:10 PM - 11:15 PM	51.1	50.4	0.7	7.0	-	47.1	48.9	-1.8
11:15 PM - 11:20 PM	51.6	50.5	1.1	7.0	-	47.6	49.2	-1.6
11:20 PM - 11:25 PM	50.6	50.0	0.6	7.0	-	46.6	48.7	-2.1
11:25 PM - 11:30 PM	50.7	50.0	0.7	7.0	-	46.7	48.6	-1.9
11:30 PM - 11:35 PM	50.9	50.5	0.4	7.0	-	46.9	49.0	-2.1
11:35 PM - 11:40 PM	49.8	50.9	-1.1	7.0	-	45.8	48.8	-3.0
11:40 PM - 11:45 PM	50.7	49.8	0.9	7.0	-	46.7	48.5	-1.8
11:45 PM - 11:50 PM	50.8	50.2	0.6	7.0	-	46.8	48.9	-2.1
11:50 PM - 11:55 PM	50.2	51.0	-0.8	7.0	-	46.2	49.1	-2.9
11:55 PM - 12:00 AM	50.2	53.1	-2.9	7.0	-	46.2	49.3	-3.1
12:00 AM - 12:05 AM	50.4	50.5	-0.1	7.0	-	46.4	48.9	-2.5
12:05 AM - 12:10 AM	50.1	51.4	-1.3	7.0	-	46.1	49.0	-2.9
12:10 AM - 12:15 AM	49.3	51.2	-1.9	7.0	-	45.3	49.4	-4.1
12:15 AM - 12:20 AM	49.7	50.9	-1.2	7.0	-	45.7	48.7	-3.0
12:20 AM - 12:25 AM	49.6	52.8	-3.2	7.0	-	45.6	49.7	-4.1
12:25 AM - 12:30 AM	49.6	50.6	-1.0	7.0	-	45.6	48.7	-3.1

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601914-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2317289-5
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 11 - 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:30 AM - 12:35 AM	50.0	50.2	-0.2	7.0	-	46.0	47.9	-1.9
12:35 AM - 12:40 AM	49.9	49.8	0.1	7.0	-	45.9	47.6	-1.7
12:40 AM - 12:45 AM	50.9	50.4	0.5	7.0	-	46.9	47.8	-0.9
12:45 AM - 12:50 AM	50.9	50.2	0.7	7.0	-	46.9	47.8	-0.9
12:50 AM - 12:55 AM	50.6	51.8	-1.2	7.0	-	46.6	48.7	-2.1
12:55 AM - 01:00 AM	50.0	53.1	-3.1	7.0	-	46.0	49.3	-3.3
01:00 AM - 01:05 AM	50.2	50.5	-0.3	7.0	-	46.2	48.5	-2.3
01:05 AM - 01:10 AM	50.2	49.6	0.6	7.0	-	46.2	48.0	-1.8
01:10 AM - 01:15 AM	49.9	48.9	1.0	7.0	-	45.9	47.3	-1.4
01:15 AM - 01:20 AM	49.2	48.8	0.4	7.0	-	45.2	47.2	-2.0
01:20 AM - 01:25 AM	49.2	49.0	0.2	7.0	-	45.2	47.6	-2.4
01:25 AM - 01:30 AM	49.3	49.3	0.0	7.0	-	45.3	47.3	-2.0
01:30 AM - 01:35 AM	47.7	47.5	0.2	7.0	-	43.7	46.4	-2.7
01:35 AM - 01:40 AM	49.1	48.4	0.7	7.0	-	45.1	46.8	-1.7
01:40 AM - 01:45 AM	49.6	47.2	2.4	4.5	-	48.1	46.0	2.1
01:45 AM - 01:50 AM	49.8	47.5	2.3	4.5	-	48.3	46.2	2.1
01:50 AM - 01:55 AM	48.0	47.6	0.4	7.0	-	44.0	46.2	-2.2
01:55 AM - 02:00 AM	48.0	48.8	-0.8	7.0	-	44.0	46.9	-2.9
02:00 AM - 02:05 AM	48.0	47.6	0.4	7.0	-	44.0	46.2	-2.2
02:05 AM - 02:10 AM	45.8	47.3	-1.5	7.0	-	41.8	45.7	-3.9
02:10 AM - 02:15 AM	45.3	49.0	-3.7	7.0	-	41.3	46.8	-5.5
02:15 AM - 02:20 AM	45.2	47.4	-2.2	7.0	-	41.2	46.5	-5.3
02:20 AM - 02:25 AM	45.6	48.0	-2.4	7.0	-	41.6	46.0	-4.4
02:25 AM - 02:30 AM	46.1	48.3	-2.2	7.0	-	42.1	46.6	-4.5
02:30 AM - 02:35 AM	45.5	47.0	-1.5	7.0	-	41.5	45.4	-3.9
02:35 AM - 02:40 AM	46.0	46.6	-0.6	7.0	-	42.0	45.8	-3.8
02:40 AM - 02:45 AM	45.3	46.8	-1.5	7.0	-	41.3	45.4	-4.1
02:45 AM - 02:50 AM	44.5	46.6	-2.1	7.0	-	40.5	45.3	-4.8
02:50 AM - 02:55 AM	44.5	47.5	-3.0	7.0	-	40.5	45.6	-5.1
02:55 AM - 03:00 AM	46.2	47.1	-0.9	7.0	-	42.2	45.8	-3.6
03:00 AM - 03:05 AM	46.7	46.4	0.3	7.0	-	42.7	45.1	-2.4
03:05 AM - 03:10 AM	45.2	46.3	-1.1	7.0	-	41.2	44.9	-3.7
03:10 AM - 03:15 AM	44.9	46.3	-1.4	7.0	-	40.9	45.2	-4.3
03:15 AM - 03:20 AM	44.9	46.4	-1.5	7.0	-	40.9	44.8	-3.9
03:20 AM - 03:25 AM	45.0	46.6	-1.6	7.0	-	41.0	45.2	-4.2
03:25 AM - 03:30 AM	45.1	46.8	-1.7	7.0	-	41.1	45.6	-4.5
03:30 AM - 03:35 AM	44.8	46.7	-1.9	7.0	-	40.8	45.3	-4.5
03:35 AM - 03:40 AM	44.2	47.0	-2.8	7.0	-	40.2	45.6	-5.4
03:40 AM - 03:45 AM	43.8	47.3	-3.5	7.0	-	39.8	46.1	-6.3
03:45 AM - 03:50 AM	44.8	46.6	-1.8	7.0	-	40.8	45.5	-4.7

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601914-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-5
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 11 - 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:50 AM - 03:55 AM	43.8	47.1	-3.3	7.0	-	39.8	45.1	-5.3
03:55 AM - 04:00 AM	43.3	47.7	-4.4	7.0	-	39.3	45.3	-6.0
04:00 AM - 04:05 AM	44.2	47.5	-3.3	7.0	-	40.2	46.2	-6.0
04:05 AM - 04:10 AM	45.4	47.2	-1.8	7.0	-	41.4	45.7	-4.3
04:10 AM - 04:15 AM	44.2	47.0	-2.8	7.0	-	40.2	46.1	-5.9
04:15 AM - 04:20 AM	44.0	46.6	-2.6	7.0	-	40.0	45.0	-5.0
04:20 AM - 04:25 AM	44.8	47.0	-2.2	7.0	-	40.8	45.1	-4.3
04:25 AM - 04:30 AM	44.9	46.5	-1.6	7.0	-	40.9	45.0	-4.1
04:30 AM - 04:35 AM	45.0	45.2	-0.2	7.0	-	41.0	44.3	-3.3
04:35 AM - 04:40 AM	44.6	45.8	-1.2	7.0	-	40.6	44.6	-4.0
04:40 AM - 04:45 AM	44.9	46.1	-1.2	7.0	-	40.9	44.7	-3.8
04:45 AM - 04:50 AM	44.9	44.9	0.0	7.0	-	40.9	43.7	-2.8
04:50 AM - 04:55 AM	44.9	44.9	0.0	7.0	-	40.9	44.1	-3.2
04:55 AM - 05:00 AM	44.5	45.7	-1.2	7.0	-	40.5	44.4	-3.9
05:00 AM - 05:05 AM	44.9	46.1	-1.2	7.0	-	40.9	45.1	-4.2
05:05 AM - 05:10 AM	45.4	46.0	-0.6	7.0	-	41.4	44.8	-3.4
05:10 AM - 05:15 AM	45.8	46.2	-0.4	7.0	-	41.8	44.6	-2.8
05:15 AM - 05:20 AM	48.5	46.2	2.3	4.5	-	47.0	44.7	2.3
05:20 AM - 05:25 AM	45.9	46.2	-0.3	7.0	-	41.9	44.8	-2.9
05:25 AM - 05:30 AM	45.9	45.8	0.1	7.0	-	41.9	44.8	-2.9
05:30 AM - 05:35 AM	45.3	45.9	-0.6	7.0	-	41.3	44.9	-3.6
05:35 AM - 05:40 AM	45.0	46.3	-1.3	7.0	-	41.0	45.1	-4.1
05:40 AM - 05:45 AM	50.2	47.1	3.1	3.0	-	50.2	45.8	4.4
05:45 AM - 05:50 AM	53.8	46.9	6.9	1.0	-	55.8	45.2	10.6
05:50 AM - 05:55 AM	53.7	45.7	8.0	0.5	-	56.2	44.5	11.7
05:55 AM - 06:00 AM	52.1	46.7	5.4	1.5	-	53.6	44.9	8.7
06:00 AM - 07:00 AM	50.7	47.4	3.3	3.0	47.7	-	45.8	1.9
07:00 AM - 08:00 AM	48.3	47.2	1.1	7.0	41.3	-	45.6	-4.3
08:00 AM - 09:00 AM	47.4	52.7	-5.3	7.0	40.4	-	48.5	-8.1
09:00 AM - 10:00 AM	46.8	52.0	-5.2	7.0	39.8	-	47.9	-8.1
10:00 AM - 11:00 AM	47.3	51.5	-4.2	7.0	40.3	-	48.5	-8.2
11:00 AM - 12:00 PM	47.0	51.8	-4.8	7.0	40.0	-	49.1	-9.1

ค่ามาตรฐาน

≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 11-12 มีนาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-5 วันที่ตรวจวัด 16-17 มิถุนายน 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601915-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-6
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
	กลางวัน (A-C)	กลางคืน (A-C)+3						
12:00 PM - 01:00 PM	48.0	51.5	-3.5	7.0	41.0	-	48.7	-7.7
01:00 PM - 02:00 PM	47.3	51.6	-4.3	7.0	40.3	-	48.6	-8.3
02:00 PM - 03:00 PM	47.7	51.7	-4.0	7.0	40.7	-	48.9	-8.2
03:00 PM - 04:00 PM	47.6	52.4	-4.8	7.0	40.6	-	49.4	-8.8
04:00 PM - 05:00 PM	48.9	53.2	-4.3	7.0	41.9	-	50.2	-8.3
05:00 PM - 06:00 PM	47.9	53.3	-5.4	7.0	40.9	-	50.3	-9.4
06:00 PM - 07:00 PM	49.6	52.3	-2.7	7.0	42.6	-	49.8	-7.2
07:00 PM - 08:00 PM	51.0	53.1	-2.1	7.0	44.0	-	50.4	-6.4
08:00 PM - 09:00 PM	50.8	52.5	-1.7	7.0	43.8	-	50.0	-6.2
09:00 PM - 10:00 PM	48.6	55.8	-7.2	7.0	41.6	-	50.5	-8.9
10:00 PM - 10:05 PM	48.8	51.0	-2.2	7.0	-	44.8	49.2	-4.4
10:05 PM - 10:10 PM	48.3	51.6	-3.3	7.0	-	44.3	49.1	-4.8
10:10 PM - 10:15 PM	50.0	52.0	-2.0	7.0	-	46.0	50.1	-4.1
10:15 PM - 10:20 PM	49.7	50.7	-1.0	7.0	-	45.7	49.5	-3.8
10:20 PM - 10:25 PM	50.0	50.7	-0.7	7.0	-	46.0	49.4	-3.4
10:25 PM - 10:30 PM	51.2	52.1	-0.9	7.0	-	47.2	49.9	-2.7
10:30 PM - 10:35 PM	51.5	51.6	-0.1	7.0	-	47.5	49.9	-2.4
10:35 PM - 10:40 PM	48.9	50.3	-1.4	7.0	-	44.9	48.3	-3.4
10:40 PM - 10:45 PM	48.8	51.1	-2.3	7.0	-	44.8	49.1	-4.3
10:45 PM - 10:50 PM	48.6	50.9	-2.3	7.0	-	44.6	49.0	-4.4
10:50 PM - 10:55 PM	48.1	51.6	-3.5	7.0	-	44.1	49.6	-5.5
10:55 PM - 11:00 PM	48.5	51.1	-2.6	7.0	-	44.5	49.3	-4.8
11:00 PM - 11:05 PM	50.1	51.7	-1.6	7.0	-	46.1	48.8	-2.7
11:05 PM - 11:10 PM	49.8	50.7	-0.9	7.0	-	45.8	49.2	-3.4
11:10 PM - 11:15 PM	49.1	51.0	-1.9	7.0	-	45.1	49.1	-4.0
11:15 PM - 11:20 PM	49.5	51.1	-1.6	7.0	-	45.5	49.3	-3.8
11:20 PM - 11:25 PM	49.3	51.7	-2.4	7.0	-	45.3	50.3	-5.0
11:25 PM - 11:30 PM	49.0	50.8	-1.8	7.0	-	45.0	49.2	-4.2
11:30 PM - 11:35 PM	48.9	52.2	-3.3	7.0	-	44.9	49.6	-4.7
11:35 PM - 11:40 PM	49.4	52.5	-3.1	7.0	-	45.4	50.1	-4.7
11:40 PM - 11:45 PM	49.2	53.2	-4.0	7.0	-	45.2	50.5	-5.3
11:45 PM - 11:50 PM	49.3	52.3	-3.0	7.0	-	45.3	50.4	-5.1
11:50 PM - 11:55 PM	49.2	53.7	-4.5	7.0	-	45.2	51.2	-6.0
11:55 PM - 12:00 AM	48.1	51.5	-3.4	7.0	-	44.1	49.3	-5.2
12:00 AM - 12:05 AM	47.5	52.2	-4.7	7.0	-	43.5	50.0	-6.5
12:05 AM - 12:10 AM	48.1	52.2	-4.1	7.0	-	44.1	50.5	-6.4
12:10 AM - 12:15 AM	47.8	52.8	-5.0	7.0	-	43.8	50.4	-6.6
12:15 AM - 12:20 AM	46.4	52.5	-6.1	7.0	-	42.4	50.3	-7.9
12:20 AM - 12:25 AM	46.7	52.3	-5.6	7.0	-	42.7	49.6	-6.9
12:25 AM - 12:30 AM	47.7	54.0	-6.3	7.0	-	43.7	50.1	-6.4

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317289

Date Received : Mar 17, 2023

Date Reported : Jun 26, 2023

Report Number : 2601915-1

Page 2 of 3

Sample No. 2317289-6
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:30 AM - 12:35 AM	47.8	52.7	-4.9	7.0	-	43.8	49.9	-6.1
12:35 AM - 12:40 AM	46.3	54.0	-7.7	7.0	-	42.3	50.5	-8.2
12:40 AM - 12:45 AM	46.3	51.7	-5.4	7.0	-	42.3	49.6	-7.3
12:45 AM - 12:50 AM	46.3	53.1	-6.8	7.0	-	42.3	49.4	-7.1
12:50 AM - 12:55 AM	46.9	54.5	-7.6	7.0	-	42.9	50.8	-7.9
12:55 AM - 01:00 AM	47.4	54.8	-7.4	7.0	-	43.4	50.8	-7.4
01:00 AM - 01:05 AM	46.8	53.3	-6.5	7.0	-	42.8	49.9	-7.1
01:05 AM - 01:10 AM	47.8	50.5	-2.7	7.0	-	43.8	48.2	-4.4
01:10 AM - 01:15 AM	46.9	51.4	-4.5	7.0	-	42.9	48.9	-6.0
01:15 AM - 01:20 AM	46.8	49.7	-2.9	7.0	-	42.8	48.2	-5.4
01:20 AM - 01:25 AM	46.7	48.0	-1.3	7.0	-	42.7	46.8	-4.1
01:25 AM - 01:30 AM	46.8	49.3	-2.5	7.0	-	42.8	47.2	-4.4
01:30 AM - 01:35 AM	47.0	50.4	-3.4	7.0	-	43.0	47.7	-4.7
01:35 AM - 01:40 AM	46.7	50.7	-4.0	7.0	-	42.7	47.9	-5.2
01:40 AM - 01:45 AM	47.8	48.9	-1.1	7.0	-	43.8	47.2	-3.4
01:45 AM - 01:50 AM	46.6	49.3	-2.7	7.0	-	42.6	47.2	-4.6
01:50 AM - 01:55 AM	46.9	49.8	-2.9	7.0	-	42.9	47.8	-4.9
01:55 AM - 02:00 AM	46.9	48.3	-1.4	7.0	-	42.9	47.0	-4.1
02:00 AM - 02:05 AM	48.7	50.3	-1.6	7.0	-	44.7	48.1	-3.4
02:05 AM - 02:10 AM	47.0	50.6	-3.6	7.0	-	43.0	49.1	-6.1
02:10 AM - 02:15 AM	47.1	48.8	-1.7	7.0	-	43.1	47.6	-4.5
02:15 AM - 02:20 AM	46.7	49.2	-2.5	7.0	-	42.7	48.1	-5.4
02:20 AM - 02:25 AM	46.7	49.7	-3.0	7.0	-	42.7	49.0	-6.3
02:25 AM - 02:30 AM	47.0	48.9	-1.9	7.0	-	43.0	48.0	-5.0
02:30 AM - 02:35 AM	48.1	48.1	0.0	7.0	-	44.1	47.1	-3.0
02:35 AM - 02:40 AM	48.6	48.2	0.4	7.0	-	44.6	46.9	-2.3
02:40 AM - 02:45 AM	47.7	49.0	-1.3	7.0	-	43.7	47.8	-4.1
02:45 AM - 02:50 AM	47.0	48.3	-1.3	7.0	-	43.0	47.3	-4.3
02:50 AM - 02:55 AM	49.4	48.6	0.8	7.0	-	45.4	47.0	-1.6
02:55 AM - 03:00 AM	46.6	49.1	-2.5	7.0	-	42.6	48.2	-5.6
03:00 AM - 03:05 AM	49.6	49.8	-0.2	7.0	-	45.6	49.0	-3.4
03:05 AM - 03:10 AM	48.6	49.0	-0.4	7.0	-	44.6	47.9	-3.3
03:10 AM - 03:15 AM	47.1	48.4	-1.3	7.0	-	43.1	46.9	-3.8
03:15 AM - 03:20 AM	46.1	47.6	-1.5	7.0	-	42.1	46.3	-4.2
03:20 AM - 03:25 AM	44.9	47.4	-2.5	7.0	-	40.9	46.3	-5.4
03:25 AM - 03:30 AM	44.7	48.0	-3.3	7.0	-	40.7	47.1	-6.4
03:30 AM - 03:35 AM	45.5	47.9	-2.4	7.0	-	41.5	46.5	-5.0
03:35 AM - 03:40 AM	45.0	46.9	-1.9	7.0	-	41.0	45.9	-4.9
03:40 AM - 03:45 AM	52.9	47.5	5.4	1.5	-	54.4	45.9	8.5
03:45 AM - 03:50 AM	45.6	48.0	-2.4	7.0	-	41.6	46.7	-5.1

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601915-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-6
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:50 AM - 03:55 AM	46.1	47.3	-1.2	7.0	-	42.1	45.8	-3.7
03:55 AM - 04:00 AM	46.3	49.1	-2.8	7.0	-	42.3	46.1	-3.8
04:00 AM - 04:05 AM	46.0	47.2	-1.2	7.0	-	42.0	46.0	-4.0
04:05 AM - 04:10 AM	46.1	46.3	-0.2	7.0	-	42.1	45.0	-2.9
04:10 AM - 04:15 AM	46.4	46.7	-0.3	7.0	-	42.4	45.6	-3.2
04:15 AM - 04:20 AM	46.4	46.6	-0.2	7.0	-	42.4	45.4	-3.0
04:20 AM - 04:25 AM	46.6	47.3	-0.7	7.0	-	42.6	46.0	-3.4
04:25 AM - 04:30 AM	53.3	47.3	6.0	1.5	-	54.8	46.0	8.8
04:30 AM - 04:35 AM	50.8	47.4	3.4	3.0	-	50.8	46.0	4.8
04:35 AM - 04:40 AM	46.5	49.8	-3.3	7.0	-	42.5	45.7	-3.2
04:40 AM - 04:45 AM	46.6	47.1	-0.5	7.0	-	42.6	45.4	-2.8
04:45 AM - 04:50 AM	46.7	47.0	-0.3	7.0	-	42.7	46.3	-3.6
04:50 AM - 04:55 AM	46.0	46.8	-0.8	7.0	-	42.0	45.7	-3.7
04:55 AM - 05:00 AM	45.3	46.4	-1.1	7.0	-	41.3	45.2	-3.9
05:00 AM - 05:05 AM	45.2	46.4	-1.2	7.0	-	41.2	45.0	-3.8
05:05 AM - 05:10 AM	44.3	46.6	-2.3	7.0	-	40.3	45.6	-5.3
05:10 AM - 05:15 AM	45.1	46.5	-1.4	7.0	-	41.1	45.5	-4.4
05:15 AM - 05:20 AM	44.0	47.9	-3.9	7.0	-	40.0	45.7	-5.7
05:20 AM - 05:25 AM	43.3	46.9	-3.6	7.0	-	39.3	46.1	-6.8
05:25 AM - 05:30 AM	45.1	47.3	-2.2	7.0	-	41.1	46.2	-5.1
05:30 AM - 05:35 AM	58.9	47.3	11.6	0.5	-	61.4	45.9	15.5
05:35 AM - 05:40 AM	54.7	46.1	8.6	0.5	-	57.2	45.1	12.1
05:40 AM - 05:45 AM	54.8	46.0	8.8	0.5	-	57.3	44.4	12.9
05:45 AM - 05:50 AM	44.2	47.7	-3.5	7.0	-	40.2	46.6	-6.4
05:50 AM - 05:55 AM	44.6	47.6	-3.0	7.0	-	40.6	46.5	-5.9
05:55 AM - 06:00 AM	51.7	48.1	3.6	2.0	-	52.7	46.6	6.1
06:00 AM - 07:00 AM	52.0	47.0	5.0	1.5	50.5	-	46.0	4.5
07:00 AM - 08:00 AM	49.1	48.2	0.9	7.0	42.1	-	46.9	-4.8
08:00 AM - 09:00 AM	49.2	57.2	-8.0	7.0	42.2	-	53.7	-11.5
09:00 AM - 10:00 AM	50.0	51.3	-1.3	7.0	43.0	-	49.1	-6.1
10:00 AM - 11:00 AM	47.6	51.9	-4.3	7.0	40.6	-	49.0	-8.4
11:00 AM - 12:00 PM	45.2	54.0	-8.8	7.0	38.2	-	50.8	-12.6

ค่ามาตรฐาน

≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
 - ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 12-13 มีนาคม 2566
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-6 วันที่ตรวจวัด 17-18 มิถุนายน 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601916-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-7
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด ^(A)	เสียงขณะ ไม่มีการรบกวน ^(B)	ผลต่าง ระดับเสียง ^(A-B)	ตัวปรับค่า ^(C)	ปรับค่าเสียงจากแหล่งกำเนิด ^(B)		เสียงพื้นฐาน ^(E)	ค่าระดับ การรบกวน ^(D-E)
					กลางวัน ^(A-C)	กลางคืน ^{(A-C)+3}		
12:00 PM - 01:00 PM	46.8	51.9	-5.1	7.0	39.8	-	49.7	-9.9
01:00 PM - 02:00 PM	46.2	53.0	-6.8	7.0	39.2	-	49.9	-10.7
02:00 PM - 03:00 PM	46.6	54.1	-7.5	7.0	39.6	-	50.8	-11.2
03:00 PM - 04:00 PM	48.3	55.0	-6.7	7.0	41.3	-	51.7	-10.4
04:00 PM - 05:00 PM	49.1	55.7	-6.6	7.0	42.1	-	52.5	-10.4
05:00 PM - 06:00 PM	48.2	55.3	-7.1	7.0	41.2	-	51.8	-10.6
06:00 PM - 07:00 PM	50.3	55.6	-5.3	7.0	43.3	-	52.2	-8.9
07:00 PM - 08:00 PM	49.0	55.3	-6.3	7.0	42.0	-	51.8	-9.8
08:00 PM - 09:00 PM	47.6	54.2	-6.6	7.0	40.6	-	51.1	-10.5
09:00 PM - 10:00 PM	46.8	53.5	-6.7	7.0	39.8	-	50.8	-11.0
10:00 PM - 10:05 PM	46.0	53.6	-7.6	7.0	-	42.0	49.3	-7.3
10:05 PM - 10:10 PM	46.1	50.5	-4.4	7.0	-	42.1	48.6	-6.5
10:10 PM - 10:15 PM	46.0	52.8	-6.8	7.0	-	42.0	49.3	-7.3
10:15 PM - 10:20 PM	45.8	50.3	-4.5	7.0	-	41.8	49.2	-7.4
10:20 PM - 10:25 PM	45.2	50.3	-5.1	7.0	-	41.2	49.0	-7.8
10:25 PM - 10:30 PM	46.0	51.8	-5.8	7.0	-	42.0	48.9	-6.9
10:30 PM - 10:35 PM	47.7	50.2	-2.5	7.0	-	43.7	48.4	-4.7
10:35 PM - 10:40 PM	45.1	50.0	-4.9	7.0	-	41.1	48.5	-7.4
10:40 PM - 10:45 PM	44.8	50.3	-5.5	7.0	-	40.8	48.8	-8.0
10:45 PM - 10:50 PM	45.1	50.6	-5.5	7.0	-	41.1	49.0	-7.9
10:50 PM - 10:55 PM	48.1	51.4	-3.3	7.0	-	44.1	49.0	-4.9
10:55 PM - 11:00 PM	49.0	49.9	-0.9	7.0	-	45.0	47.9	-2.9
11:00 PM - 11:05 PM	48.2	50.0	-1.8	7.0	-	44.2	48.4	-4.2
11:05 PM - 11:10 PM	47.3	50.1	-2.8	7.0	-	43.3	48.0	-4.7
11:10 PM - 11:15 PM	46.9	50.8	-3.9	7.0	-	42.9	48.1	-5.2
11:15 PM - 11:20 PM	45.8	51.0	-5.2	7.0	-	41.8	48.0	-6.2
11:20 PM - 11:25 PM	45.7	49.5	-3.8	7.0	-	41.7	47.9	-6.2
11:25 PM - 11:30 PM	46.4	49.4	-3.0	7.0	-	42.4	47.9	-5.5
11:30 PM - 11:35 PM	46.2	50.5	-4.3	7.0	-	42.2	47.8	-5.6
11:35 PM - 11:40 PM	46.9	50.4	-3.5	7.0	-	42.9	47.8	-4.9
11:40 PM - 11:45 PM	45.6	48.1	-2.5	7.0	-	41.6	46.8	-5.2
11:45 PM - 11:50 PM	45.7	54.9	-9.2	7.0	-	41.7	47.7	-6.0
11:50 PM - 11:55 PM	44.7	49.6	-4.9	7.0	-	40.7	47.6	-6.9
11:55 PM - 12:00 AM	44.0	52.0	-8.0	7.0	-	40.0	46.8	-6.8
12:00 AM - 12:05 AM	44.9	49.5	-4.6	7.0	-	40.9	47.0	-6.1
12:05 AM - 12:10 AM	45.1	48.5	-3.4	7.0	-	41.1	47.0	-5.9
12:10 AM - 12:15 AM	44.7	49.2	-4.5	7.0	-	40.7	46.7	-6.0
12:15 AM - 12:20 AM	44.4	49.2	-4.8	7.0	-	40.4	47.0	-6.6
12:20 AM - 12:25 AM	43.9	48.9	-5.0	7.0	-	39.9	46.3	-6.4
12:25 AM - 12:30 AM	44.4	49.8	-5.4	7.0	-	40.4	46.7	-6.3

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601916-1

Page 2 of 3

Sample No. 2317289-7
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:30 AM - 12:35 AM	43.8	48.0	-4.2	7.0	-	39.8	45.8	-6.0
12:35 AM - 12:40 AM	43.7	48.2	-4.5	7.0	-	39.7	46.1	-6.4
12:40 AM - 12:45 AM	44.2	48.0	-3.8	7.0	-	40.2	46.5	-6.3
12:45 AM - 12:50 AM	43.9	47.3	-3.4	7.0	-	39.9	45.9	-6.0
12:50 AM - 12:55 AM	44.1	50.7	-6.6	7.0	-	40.1	47.2	-7.1
12:55 AM - 01:00 AM	44.6	49.9	-5.3	7.0	-	40.6	46.2	-5.6
01:00 AM - 01:05 AM	43.8	48.5	-4.7	7.0	-	39.8	46.0	-6.2
01:05 AM - 01:10 AM	44.2	49.9	-5.7	7.0	-	40.2	45.8	-5.6
01:10 AM - 01:15 AM	44.2	47.2	-3.0	7.0	-	40.2	45.4	-5.2
01:15 AM - 01:20 AM	43.2	46.3	-3.1	7.0	-	39.2	44.9	-5.7
01:20 AM - 01:25 AM	44.0	49.5	-5.5	7.0	-	40.0	45.4	-5.4
01:25 AM - 01:30 AM	44.1	46.0	-1.9	7.0	-	40.1	44.5	-4.4
01:30 AM - 01:35 AM	45.4	46.0	-0.6	7.0	-	41.4	44.8	-3.4
01:35 AM - 01:40 AM	45.3	47.0	-1.7	7.0	-	41.3	45.4	-4.1
01:40 AM - 01:45 AM	44.1	45.8	-1.7	7.0	-	40.1	44.7	-4.6
01:45 AM - 01:50 AM	44.3	45.9	-1.6	7.0	-	40.3	44.7	-4.4
01:50 AM - 01:55 AM	45.9	45.7	0.2	7.0	-	41.9	44.1	-2.2
01:55 AM - 02:00 AM	44.0	46.5	-2.5	7.0	-	40.0	44.4	-4.4
02:00 AM - 02:05 AM	43.6	47.9	-4.3	7.0	-	39.6	44.8	-5.2
02:05 AM - 02:10 AM	44.0	46.7	-2.7	7.0	-	40.0	45.3	-5.3
02:10 AM - 02:15 AM	43.9	47.7	-3.8	7.0	-	39.9	45.8	-5.9
02:15 AM - 02:20 AM	43.4	47.1	-3.7	7.0	-	39.4	45.1	-5.7
02:20 AM - 02:25 AM	43.8	47.0	-3.2	7.0	-	39.8	45.4	-5.6
02:25 AM - 02:30 AM	44.0	46.7	-2.7	7.0	-	40.0	45.3	-5.3
02:30 AM - 02:35 AM	44.5	46.4	-1.9	7.0	-	40.5	45.3	-4.8
02:35 AM - 02:40 AM	44.2	46.7	-2.5	7.0	-	40.2	45.5	-5.3
02:40 AM - 02:45 AM	43.9	46.9	-3.0	7.0	-	39.9	45.5	-5.6
02:45 AM - 02:50 AM	43.3	46.9	-3.6	7.0	-	39.3	45.0	-5.7
02:50 AM - 02:55 AM	45.4	46.9	-1.5	7.0	-	41.4	45.3	-3.9
02:55 AM - 03:00 AM	43.7	48.0	-4.3	7.0	-	39.7	45.6	-5.9
03:00 AM - 03:05 AM	43.2	49.1	-5.9	7.0	-	39.2	45.9	-6.7
03:05 AM - 03:10 AM	43.3	47.3	-4.0	7.0	-	39.3	45.6	-6.3
03:10 AM - 03:15 AM	43.2	48.2	-5.0	7.0	-	39.2	46.2	-7.0
03:15 AM - 03:20 AM	43.7	47.8	-4.1	7.0	-	39.7	45.8	-6.1
03:20 AM - 03:25 AM	50.8	47.4	3.4	3.0	-	50.8	44.9	5.9
03:25 AM - 03:30 AM	44.8	50.0	-5.2	7.0	-	40.8	45.2	-4.4
03:30 AM - 03:35 AM	44.2	47.0	-2.8	7.0	-	40.2	44.9	-4.7
03:35 AM - 03:40 AM	42.8	46.9	-4.1	7.0	-	38.8	44.4	-5.6
03:40 AM - 03:45 AM	42.4	46.7	-4.3	7.0	-	38.4	44.5	-6.1
03:45 AM - 03:50 AM	43.2	47.0	-3.8	7.0	-	39.2	44.9	-5.7

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601916-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-7
Parameter เสียงรบกวน
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751283, 1401541)
Measurement Date Mar 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623387

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:50 AM - 03:55 AM	43.0	47.9	-4.9	7.0	-	39.0	45.3	-6.3
03:55 AM - 04:00 AM	43.3	46.9	-3.6	7.0	-	39.3	44.4	-5.1
04:00 AM - 04:05 AM	43.8	46.7	-2.9	7.0	-	39.8	44.8	-5.0
04:05 AM - 04:10 AM	43.1	47.2	-4.1	7.0	-	39.1	45.2	-6.1
04:10 AM - 04:15 AM	43.9	46.5	-2.6	7.0	-	39.9	45.0	-5.1
04:15 AM - 04:20 AM	44.0	46.4	-2.4	7.0	-	40.0	45.1	-5.1
04:20 AM - 04:25 AM	44.5	47.3	-2.8	7.0	-	40.5	45.7	-5.2
04:25 AM - 04:30 AM	44.5	47.7	-3.2	7.0	-	40.5	45.9	-5.4
04:30 AM - 04:35 AM	44.5	47.9	-3.4	7.0	-	40.5	46.5	-6.0
04:35 AM - 04:40 AM	45.2	48.8	-3.6	7.0	-	41.2	46.7	-5.5
04:40 AM - 04:45 AM	47.1	47.9	-0.8	7.0	-	43.1	46.0	-2.9
04:45 AM - 04:50 AM	46.8	47.0	-0.2	7.0	-	42.8	45.2	-2.4
04:50 AM - 04:55 AM	46.6	46.8	-0.2	7.0	-	42.6	44.9	-2.3
04:55 AM - 05:00 AM	46.6	46.3	0.3	7.0	-	42.6	44.1	-1.5
05:00 AM - 05:05 AM	46.6	47.0	-0.4	7.0	-	42.6	45.2	-2.6
05:05 AM - 05:10 AM	46.7	47.8	-1.1	7.0	-	42.7	46.2	-3.5
05:10 AM - 05:15 AM	46.6	46.7	-0.1	7.0	-	42.6	45.2	-2.6
05:15 AM - 05:20 AM	46.2	47.4	-1.2	7.0	-	42.2	45.8	-3.6
05:20 AM - 05:25 AM	46.0	47.5	-1.5	7.0	-	42.0	45.9	-3.9
05:25 AM - 05:30 AM	45.6	47.7	-2.1	7.0	-	41.6	46.2	-4.6
05:30 AM - 05:35 AM	46.7	47.6	-0.9	7.0	-	42.7	45.7	-3.0
05:35 AM - 05:40 AM	53.3	47.4	5.9	1.5	-	54.8	45.8	9.0
05:40 AM - 05:45 AM	51.8	46.6	5.2	1.5	-	53.3	44.8	8.5
05:45 AM - 05:50 AM	54.2	45.8	8.4	0.5	-	56.7	44.4	12.3
05:50 AM - 05:55 AM	53.5	46.5	7.0	1.0	-	55.5	44.7	10.8
05:55 AM - 06:00 AM	50.6	46.4	4.2	2.0	-	51.6	44.4	7.2
06:00 AM - 07:00 AM	50.9	45.4	5.5	1.5	49.4	-	44.2	5.2
07:00 AM - 08:00 AM	48.8	47.9	0.9	7.0	41.8	-	46.5	-4.7
08:00 AM - 09:00 AM	47.1	52.7	-5.6	7.0	40.1	-	49.7	-9.6
09:00 AM - 10:00 AM	50.0	54.5	-4.5	7.0	43.0	-	50.4	-7.4
10:00 AM - 11:00 AM	50.4	56.9	-6.5	7.0	43.4	-	54.0	-10.6
11:00 AM - 12:00 PM	51.6	55.4	-3.8	7.0	44.6	-	52.4	-7.8

ค่ามาตรฐาน

≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 13-14 มีนาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-7 วันที่ตรวจวัด 18-19 มิถุนายน 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2367140

Date Received : Jun 20, 2023

Date Reported : Jun 26, 2023

Report No. : 2692191-1

Page 1 of 3

Sample No. 2367140-1
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	55.5	82.4	52.0
01:00 PM - 02:00 PM	56.4	78.1	53.5
02:00 PM - 03:00 PM	56.2	82.0	52.6
03:00 PM - 04:00 PM	53.8	81.5	50.6
04:00 PM - 05:00 PM	55.8	77.8	52.7
05:00 PM - 06:00 PM	55.1	72.9	51.9
06:00 PM - 07:00 PM	56.1	78.0	53.0
07:00 PM - 08:00 PM	55.3	73.1	52.1
08:00 PM - 09:00 PM	55.1	76.0	51.9
09:00 PM - 10:00 PM	54.8	74.1	52.0
10:00 PM - 10:05 PM	54.1	63.7	51.3
10:05 PM - 10:10 PM	53.7	63.8	50.9
10:10 PM - 10:15 PM	53.2	60.9	50.5
10:15 PM - 10:20 PM	52.9	58.9	51.1
10:20 PM - 10:25 PM	53.5	63.9	50.6
10:25 PM - 10:30 PM	54.8	64.4	50.9
10:30 PM - 10:35 PM	52.3	56.8	50.4
10:35 PM - 10:40 PM	52.0	60.1	49.6
10:40 PM - 10:45 PM	50.8	57.2	48.9
10:45 PM - 10:50 PM	52.0	58.9	50.1
10:50 PM - 10:55 PM	52.1	60.6	49.9
10:55 PM - 11:00 PM	52.1	59.5	49.5
11:00 PM - 11:05 PM	51.4	59.6	49.2
11:05 PM - 11:10 PM	50.9	63.9	48.6
11:10 PM - 11:15 PM	50.7	56.7	49.2
11:15 PM - 11:20 PM	50.8	56.4	48.6
11:20 PM - 11:25 PM	53.2	59.7	50.3
11:25 PM - 11:30 PM	51.1	59.3	49.0
11:30 PM - 11:35 PM	54.7	62.5	49.4
11:35 PM - 11:40 PM	50.7	59.2	49.2
11:40 PM - 11:45 PM	50.6	56.0	48.9
11:45 PM - 11:50 PM	51.5	58.7	49.7
11:50 PM - 11:55 PM	51.5	58.7	49.2
11:55 PM - 12:00 AM	51.6	58.9	50.0
12:00 AM - 12:05 AM	52.4	59.1	50.3
12:05 AM - 12:10 AM	51.1	57.3	49.6
12:10 AM - 12:15 AM	52.3	65.9	49.5
12:15 AM - 12:20 AM	52.0	62.0	48.9
12:20 AM - 12:25 AM	50.6	56.4	48.7
12:25 AM - 12:30 AM	51.3	58.1	48.4

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2367140

Date Received : Jun 20, 2023

Date Reported : Jun 26, 2023

Report No. : 2692191-1

Page 2 of 3

Sample No. 2367140-1
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	49.6	54.5	47.8
12:35 AM - 12:40 AM	50.5	61.3	48.6
12:40 AM - 12:45 AM	50.1	57.0	47.9
12:45 AM - 12:50 AM	50.7	58.1	49.0
12:50 AM - 12:55 AM	51.9	58.2	49.2
12:55 AM - 01:00 AM	51.0	56.7	48.9
01:00 AM - 01:05 AM	50.5	58.7	48.5
01:05 AM - 01:10 AM	49.2	55.4	47.6
01:10 AM - 01:15 AM	49.9	60.5	47.4
01:15 AM - 01:20 AM	49.4	54.2	47.7
01:20 AM - 01:25 AM	49.3	56.5	46.9
01:25 AM - 01:30 AM	49.8	58.5	48.0
01:30 AM - 01:35 AM	49.6	55.0	47.3
01:35 AM - 01:40 AM	51.3	57.5	48.9
01:40 AM - 01:45 AM	49.8	53.9	47.8
01:45 AM - 01:50 AM	49.6	57.9	47.6
01:50 AM - 01:55 AM	49.4	54.3	47.6
01:55 AM - 02:00 AM	48.9	53.9	47.3
02:00 AM - 02:05 AM	49.4	64.5	47.6
02:05 AM - 02:10 AM	49.9	54.3	48.6
02:10 AM - 02:15 AM	50.0	56.7	47.9
02:15 AM - 02:20 AM	50.7	59.6	47.8
02:20 AM - 02:25 AM	49.5	54.1	48.1
02:25 AM - 02:30 AM	49.6	57.1	47.4
02:30 AM - 02:35 AM	49.8	61.8	47.4
02:35 AM - 02:40 AM	48.2	51.8	47.3
02:40 AM - 02:45 AM	50.1	61.5	47.7
02:45 AM - 02:50 AM	49.6	58.5	47.8
02:50 AM - 02:55 AM	49.1	52.9	47.9
02:55 AM - 03:00 AM	48.9	52.6	47.8
03:00 AM - 03:05 AM	51.0	59.7	48.4
03:05 AM - 03:10 AM	49.9	59.7	48.3
03:10 AM - 03:15 AM	49.8	54.5	48.3
03:15 AM - 03:20 AM	50.1	55.9	48.6
03:20 AM - 03:25 AM	50.4	56.8	48.6
03:25 AM - 03:30 AM	54.6	64.1	50.2
03:30 AM - 03:35 AM	51.3	59.6	49.4
03:35 AM - 03:40 AM	50.7	56.0	48.9
03:40 AM - 03:45 AM	52.4	62.0	49.4
03:45 AM - 03:50 AM	50.6	60.9	48.4

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2367140

Date Received : Jun 20, 2023

Date Reported : Jun 26, 2023

Report No. : 2692191-1

Page 3 of 3

Sample No. 2367140-1
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	50.1	56.0	48.4
03:55 AM - 04:00 AM	50.2	54.8	48.6
04:00 AM - 04:05 AM	52.2	59.7	49.5
04:05 AM - 04:10 AM	53.4	67.9	49.1
04:10 AM - 04:15 AM	51.8	63.1	49.3
04:15 AM - 04:20 AM	50.2	53.3	49.1
04:20 AM - 04:25 AM	52.2	63.5	49.2
04:25 AM - 04:30 AM	50.8	58.9	48.8
04:30 AM - 04:35 AM	50.4	66.9	48.5
04:35 AM - 04:40 AM	52.7	63.9	48.5
04:40 AM - 04:45 AM	50.6	55.1	48.7
04:45 AM - 04:50 AM	51.0	60.0	48.9
04:50 AM - 04:55 AM	49.5	55.0	48.3
04:55 AM - 05:00 AM	50.5	53.8	49.4
05:00 AM - 05:05 AM	51.7	62.4	49.2
05:05 AM - 05:10 AM	52.1	61.6	49.0
05:10 AM - 05:15 AM	51.6	61.5	48.9
05:15 AM - 05:20 AM	50.5	57.0	48.7
05:20 AM - 05:25 AM	49.5	57.0	48.0
05:25 AM - 05:30 AM	50.3	56.0	48.4
05:30 AM - 05:35 AM	50.1	59.7	48.2
05:35 AM - 05:40 AM	50.3	55.8	48.9
05:40 AM - 05:45 AM	50.0	55.4	48.3
05:45 AM - 05:50 AM	48.9	53.6	47.3
05:50 AM - 05:55 AM	49.3	52.8	48.1
05:55 AM - 06:00 AM	50.0	54.5	48.4
06:00 AM - 07:00 AM	50.8	63.8	48.5
07:00 AM - 08:00 AM	50.4	67.3	48.3
08:00 AM - 09:00 AM	53.7	80.9	50.8
09:00 AM - 10:00 AM	53.8	74.5	50.9
10:00 AM - 11:00 AM	56.3	69.1	53.8
11:00 AM - 12:00 PM	55.5	71.6	51.9

Reference Method :

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

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692192-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-2
Parameter Noise
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	55.0	70.3	51.9
01:00 PM - 02:00 PM	54.9	68.1	52.1
02:00 PM - 03:00 PM	53.8	63.8	50.8
03:00 PM - 04:00 PM	53.8	69.8	50.6
04:00 PM - 05:00 PM	55.7	71.5	52.7
05:00 PM - 06:00 PM	55.8	70.4	52.5
06:00 PM - 07:00 PM	56.0	72.0	52.4
07:00 PM - 08:00 PM	55.0	69.5	52.1
08:00 PM - 09:00 PM	54.6	72.1	52.0
09:00 PM - 10:00 PM	55.2	68.0	52.3
10:00 PM - 10:05 PM	51.9	57.5	49.9
10:05 PM - 10:10 PM	54.6	66.1	51.2
10:10 PM - 10:15 PM	53.4	58.8	51.2
10:15 PM - 10:20 PM	53.8	63.8	50.9
10:20 PM - 10:25 PM	54.9	61.8	52.3
10:25 PM - 10:30 PM	53.2	59.2	50.8
10:30 PM - 10:35 PM	53.5	63.5	51.1
10:35 PM - 10:40 PM	53.5	59.3	51.0
10:40 PM - 10:45 PM	51.8	58.9	49.9
10:45 PM - 10:50 PM	51.8	58.5	49.7
10:50 PM - 10:55 PM	51.1	58.3	49.1
10:55 PM - 11:00 PM	50.8	56.3	49.2
11:00 PM - 11:05 PM	50.7	55.7	48.7
11:05 PM - 11:10 PM	49.9	63.2	48.3
11:10 PM - 11:15 PM	50.4	61.3	48.2
11:15 PM - 11:20 PM	49.6	60.2	47.8
11:20 PM - 11:25 PM	50.3	59.0	48.6
11:25 PM - 11:30 PM	50.2	54.9	48.6
11:30 PM - 11:35 PM	50.9	60.2	48.1
11:35 PM - 11:40 PM	51.3	60.5	49.1
11:40 PM - 11:45 PM	49.8	57.1	48.0
11:45 PM - 11:50 PM	50.1	54.6	48.2
11:50 PM - 11:55 PM	49.9	55.7	47.9
11:55 PM - 12:00 AM	50.6	57.3	48.8
12:00 AM - 12:05 AM	51.2	60.4	48.5
12:05 AM - 12:10 AM	50.1	55.0	48.2
12:10 AM - 12:15 AM	50.7	57.5	48.6
12:15 AM - 12:20 AM	51.2	58.6	48.9
12:20 AM - 12:25 AM	52.7	63.1	48.5
12:25 AM - 12:30 AM	50.1	60.7	47.6

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Wilawan Borirak
Manager

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692192-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-2
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	49.7	56.9	47.6
12:35 AM - 12:40 AM	51.1	58.2	48.4
12:40 AM - 12:45 AM	51.4	71.3	48.2
12:45 AM - 12:50 AM	52.1	61.9	48.8
12:50 AM - 12:55 AM	51.6	61.9	48.6
12:55 AM - 01:00 AM	48.9	54.0	46.6
01:00 AM - 01:05 AM	48.8	59.7	46.5
01:05 AM - 01:10 AM	48.5	53.7	47.1
01:10 AM - 01:15 AM	48.7	59.5	46.6
01:15 AM - 01:20 AM	49.3	59.6	47.3
01:20 AM - 01:25 AM	48.3	52.7	46.4
01:25 AM - 01:30 AM	46.7	49.3	45.5
01:30 AM - 01:35 AM	47.6	54.2	46.2
01:35 AM - 01:40 AM	47.8	52.6	46.5
01:40 AM - 01:45 AM	47.4	55.3	45.8
01:45 AM - 01:50 AM	49.1	53.8	47.0
01:50 AM - 01:55 AM	48.7	53.1	47.3
01:55 AM - 02:00 AM	49.1	55.6	47.3
02:00 AM - 02:05 AM	51.1	60.6	47.1
02:05 AM - 02:10 AM	48.1	58.0	46.7
02:10 AM - 02:15 AM	48.5	62.2	46.1
02:15 AM - 02:20 AM	49.6	63.4	47.9
02:20 AM - 02:25 AM	48.5	54.3	47.5
02:25 AM - 02:30 AM	49.6	56.7	48.1
02:30 AM - 02:35 AM	50.2	60.7	48.2
02:35 AM - 02:40 AM	48.1	58.9	46.0
02:40 AM - 02:45 AM	47.4	52.3	46.3
02:45 AM - 02:50 AM	48.7	54.4	47.0
02:50 AM - 02:55 AM	46.9	54.4	45.5
02:55 AM - 03:00 AM	46.8	52.1	45.6
03:00 AM - 03:05 AM	47.9	62.7	45.5
03:05 AM - 03:10 AM	46.4	51.0	45.1
03:10 AM - 03:15 AM	46.9	53.3	45.5
03:15 AM - 03:20 AM	48.1	53.5	47.2
03:20 AM - 03:25 AM	48.2	54.8	47.5
03:25 AM - 03:30 AM	48.4	58.6	47.3
03:30 AM - 03:35 AM	47.8	52.5	47.0
03:35 AM - 03:40 AM	49.2	65.2	47.3
03:40 AM - 03:45 AM	48.7	53.3	47.8
03:45 AM - 03:50 AM	48.9	51.3	47.7

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692192-1

Page 3 of 3

Sample No. 2367140-2
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	50.9	55.0	50.0
03:55 AM - 04:00 AM	50.5	56.0	49.6
04:00 AM - 04:05 AM	50.2	63.2	49.2
04:05 AM - 04:10 AM	49.8	53.7	48.9
04:10 AM - 04:15 AM	49.9	62.2	48.9
04:15 AM - 04:20 AM	49.9	54.4	49.0
04:20 AM - 04:25 AM	49.8	54.4	48.9
04:25 AM - 04:30 AM	51.5	77.9	49.1
04:30 AM - 04:35 AM	49.3	51.3	48.5
04:35 AM - 04:40 AM	51.6	59.5	49.5
04:40 AM - 04:45 AM	50.3	57.1	49.1
04:45 AM - 04:50 AM	49.6	54.5	48.3
04:50 AM - 04:55 AM	49.2	54.5	47.9
04:55 AM - 05:00 AM	50.8	61.6	48.5
05:00 AM - 05:05 AM	51.1	67.1	48.9
05:05 AM - 05:10 AM	50.9	59.4	49.1
05:10 AM - 05:15 AM	50.9	57.2	49.0
05:15 AM - 05:20 AM	49.2	53.5	48.1
05:20 AM - 05:25 AM	50.4	58.2	48.7
05:25 AM - 05:30 AM	50.4	54.4	48.8
05:30 AM - 05:35 AM	49.3	57.9	48.2
05:35 AM - 05:40 AM	49.9	58.6	48.3
05:40 AM - 05:45 AM	50.4	66.9	48.8
05:45 AM - 05:50 AM	49.9	63.6	48.0
05:50 AM - 05:55 AM	49.7	55.6	47.6
05:55 AM - 06:00 AM	49.0	55.2	46.9
06:00 AM - 07:00 AM	49.2	58.9	47.1
07:00 AM - 08:00 AM	49.8	63.7	47.8
08:00 AM - 09:00 AM	55.0	69.6	51.2
09:00 AM - 10:00 AM	54.3	74.3	51.9
10:00 AM - 11:00 AM	56.9	73.9	54.1
11:00 AM - 12:00 PM	55.7	75.2	52.5

Reference Method :

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

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692193-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-3
Parameter Noise
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 14 - 15, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	55.9	82.7	52.1
01:00 PM - 02:00 PM	54.7	72.5	51.8
02:00 PM - 03:00 PM	53.0	68.8	50.0
03:00 PM - 04:00 PM	52.9	71.1	49.8
04:00 PM - 05:00 PM	54.6	71.3	51.3
05:00 PM - 06:00 PM	54.3	71.7	50.8
06:00 PM - 07:00 PM	55.1	71.5	51.7
07:00 PM - 08:00 PM	54.8	73.5	51.3
08:00 PM - 09:00 PM	55.5	80.0	51.6
09:00 PM - 10:00 PM	56.0	67.8	51.3
10:00 PM - 10:05 PM	53.0	61.0	50.4
10:05 PM - 10:10 PM	51.5	56.9	50.1
10:10 PM - 10:15 PM	50.8	55.5	49.1
10:15 PM - 10:20 PM	50.7	57.1	49.1
10:20 PM - 10:25 PM	52.9	61.1	50.3
10:25 PM - 10:30 PM	52.4	60.0	49.9
10:30 PM - 10:35 PM	51.8	58.8	50.0
10:35 PM - 10:40 PM	51.5	62.8	49.4
10:40 PM - 10:45 PM	51.2	58.6	49.0
10:45 PM - 10:50 PM	52.7	61.8	49.7
10:50 PM - 10:55 PM	52.2	60.2	49.9
10:55 PM - 11:00 PM	51.1	58.1	49.6
11:00 PM - 11:05 PM	51.5	61.3	49.7
11:05 PM - 11:10 PM	50.7	58.4	49.0
11:10 PM - 11:15 PM	50.5	58.8	48.2
11:15 PM - 11:20 PM	50.8	58.8	49.0
11:20 PM - 11:25 PM	50.5	60.1	49.1
11:25 PM - 11:30 PM	51.7	63.2	49.9
11:30 PM - 11:35 PM	50.6	57.0	48.8
11:35 PM - 11:40 PM	51.5	61.2	48.9
11:40 PM - 11:45 PM	51.6	66.0	49.7
11:45 PM - 11:50 PM	51.1	62.4	48.8
11:50 PM - 11:55 PM	51.7	62.4	50.1
11:55 PM - 12:00 AM	51.7	57.8	49.7
12:00 AM - 12:05 AM	52.6	63.4	50.1
12:05 AM - 12:10 AM	51.4	59.3	49.5
12:10 AM - 12:15 AM	51.8	58.4	49.7
12:15 AM - 12:20 AM	51.6	54.9	48.8
12:20 AM - 12:25 AM	52.1	60.9	49.3
12:25 AM - 12:30 AM	51.8	57.6	50.1

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Approved by

Wilawan Borirak
Manager

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692193-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-3
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 14 - 15, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	52.1	59.5	50.5
12:35 AM - 12:40 AM	51.2	62.2	48.6
12:40 AM - 12:45 AM	52.3	57.5	50.3
12:45 AM - 12:50 AM	52.6	60.3	50.0
12:50 AM - 12:55 AM	52.2	59.5	49.3
12:55 AM - 01:00 AM	50.9	58.6	49.0
01:00 AM - 01:05 AM	49.8	60.5	47.9
01:05 AM - 01:10 AM	50.7	57.8	48.5
01:10 AM - 01:15 AM	52.6	61.1	49.4
01:15 AM - 01:20 AM	51.3	60.5	49.1
01:20 AM - 01:25 AM	51.5	59.4	49.6
01:25 AM - 01:30 AM	51.1	65.5	48.2
01:30 AM - 01:35 AM	50.5	58.6	48.7
01:35 AM - 01:40 AM	51.0	58.8	48.6
01:40 AM - 01:45 AM	49.9	64.0	47.9
01:45 AM - 01:50 AM	50.7	62.9	47.3
01:50 AM - 01:55 AM	50.0	59.6	47.8
01:55 AM - 02:00 AM	50.6	64.5	47.9
02:00 AM - 02:05 AM	51.2	61.9	48.7
02:05 AM - 02:10 AM	49.4	65.1	47.0
02:10 AM - 02:15 AM	49.2	56.3	47.2
02:15 AM - 02:20 AM	50.4	61.7	47.1
02:20 AM - 02:25 AM	48.7	53.4	47.4
02:25 AM - 02:30 AM	48.8	54.0	47.1
02:30 AM - 02:35 AM	49.3	57.9	47.3
02:35 AM - 02:40 AM	51.3	68.1	48.4
02:40 AM - 02:45 AM	49.4	55.5	47.6
02:45 AM - 02:50 AM	48.8	56.0	47.6
02:50 AM - 02:55 AM	49.4	61.1	47.7
02:55 AM - 03:00 AM	48.5	57.2	46.8
03:00 AM - 03:05 AM	48.9	54.6	47.5
03:05 AM - 03:10 AM	48.4	61.4	46.5
03:10 AM - 03:15 AM	48.3	53.5	46.4
03:15 AM - 03:20 AM	47.4	58.1	45.3
03:20 AM - 03:25 AM	47.5	53.6	46.0
03:25 AM - 03:30 AM	48.1	57.0	46.4
03:30 AM - 03:35 AM	48.3	56.3	46.7
03:35 AM - 03:40 AM	48.5	57.7	46.4
03:40 AM - 03:45 AM	48.5	54.3	47.2
03:45 AM - 03:50 AM	50.1	61.1	47.6

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692193-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-3
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 14 - 15, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	49.2	59.3	47.1
03:55 AM - 04:00 AM	48.0	56.2	46.2
04:00 AM - 04:05 AM	47.5	52.1	46.1
04:05 AM - 04:10 AM	49.2	55.1	47.8
04:10 AM - 04:15 AM	48.9	55.8	47.1
04:15 AM - 04:20 AM	48.1	54.9	46.3
04:20 AM - 04:25 AM	49.3	62.4	46.5
04:25 AM - 04:30 AM	48.4	55.8	46.6
04:30 AM - 04:35 AM	48.0	60.4	46.2
04:35 AM - 04:40 AM	48.6	58.0	47.1
04:40 AM - 04:45 AM	48.0	56.5	46.2
04:45 AM - 04:50 AM	48.5	55.6	46.6
04:50 AM - 04:55 AM	49.5	59.7	46.8
04:55 AM - 05:00 AM	48.0	52.9	46.8
05:00 AM - 05:05 AM	48.0	53.6	46.3
05:05 AM - 05:10 AM	47.2	53.9	46.1
05:10 AM - 05:15 AM	48.4	56.1	46.8
05:15 AM - 05:20 AM	48.0	56.1	46.2
05:20 AM - 05:25 AM	47.3	54.7	45.8
05:25 AM - 05:30 AM	48.9	58.9	46.1
05:30 AM - 05:35 AM	47.3	54.5	45.8
05:35 AM - 05:40 AM	47.1	56.3	45.6
05:40 AM - 05:45 AM	47.3	56.1	45.6
05:45 AM - 05:50 AM	47.1	54.2	45.5
05:50 AM - 05:55 AM	48.1	56.4	46.2
05:55 AM - 06:00 AM	47.9	55.9	46.1
06:00 AM - 07:00 AM	48.4	58.0	46.5
07:00 AM - 08:00 AM	48.1	58.9	46.1
08:00 AM - 09:00 AM	52.5	68.6	49.5
09:00 AM - 10:00 AM	54.0	75.5	50.3
10:00 AM - 11:00 AM	55.7	75.5	53.1
11:00 AM - 12:00 PM	54.9	74.3	51.3

Reference Method :

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

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692194-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-4
Parameter Noise
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 15 - 16, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	54.3	72.2	51.2
01:00 PM - 02:00 PM	54.9	79.8	51.8
02:00 PM - 03:00 PM	53.2	72.0	50.2
03:00 PM - 04:00 PM	52.9	69.7	49.7
04:00 PM - 05:00 PM	54.0	66.0	50.8
05:00 PM - 06:00 PM	54.3	69.3	50.9
06:00 PM - 07:00 PM	54.0	69.2	50.8
07:00 PM - 08:00 PM	54.7	71.1	51.4
08:00 PM - 09:00 PM	54.1	66.4	51.1
09:00 PM - 10:00 PM	54.0	81.9	51.0
10:00 PM - 10:05 PM	51.4	60.5	49.7
10:05 PM - 10:10 PM	51.2	56.5	49.1
10:10 PM - 10:15 PM	50.5	59.3	48.3
10:15 PM - 10:20 PM	51.8	67.6	49.1
10:20 PM - 10:25 PM	52.0	59.4	49.4
10:25 PM - 10:30 PM	51.7	61.9	48.5
10:30 PM - 10:35 PM	50.7	58.2	48.5
10:35 PM - 10:40 PM	49.1	54.1	47.6
10:40 PM - 10:45 PM	50.5	64.1	47.9
10:45 PM - 10:50 PM	49.7	54.6	48.1
10:50 PM - 10:55 PM	51.5	66.9	49.3
10:55 PM - 11:00 PM	51.4	58.5	48.4
11:00 PM - 11:05 PM	51.1	60.1	48.6
11:05 PM - 11:10 PM	50.1	59.4	47.4
11:10 PM - 11:15 PM	50.8	58.7	48.1
11:15 PM - 11:20 PM	50.4	68.8	48.0
11:20 PM - 11:25 PM	49.8	58.0	47.3
11:25 PM - 11:30 PM	50.1	61.6	46.8
11:30 PM - 11:35 PM	49.5	55.4	47.8
11:35 PM - 11:40 PM	51.1	62.3	48.7
11:40 PM - 11:45 PM	50.2	60.2	48.5
11:45 PM - 11:50 PM	50.2	64.6	47.6
11:50 PM - 11:55 PM	51.3	67.1	48.5
11:55 PM - 12:00 AM	50.3	58.6	47.5
12:00 AM - 12:05 AM	50.9	62.7	47.9
12:05 AM - 12:10 AM	51.3	57.5	48.8
12:10 AM - 12:15 AM	50.7	59.9	47.9
12:15 AM - 12:20 AM	52.4	65.5	48.2
12:20 AM - 12:25 AM	50.8	57.7	47.6
12:25 AM - 12:30 AM	50.1	59.2	47.5

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

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692194-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-4
Parameter Noise
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 15 - 16, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	49.7	59.2	47.9
12:35 AM - 12:40 AM	50.8	58.3	48.4
12:40 AM - 12:45 AM	48.8	53.7	47.2
12:45 AM - 12:50 AM	50.3	58.7	47.3
12:50 AM - 12:55 AM	51.9	58.6	47.9
12:55 AM - 01:00 AM	51.4	58.6	48.1
01:00 AM - 01:05 AM	49.0	55.8	46.9
01:05 AM - 01:10 AM	50.5	67.9	47.5
01:10 AM - 01:15 AM	52.1	68.0	47.0
01:15 AM - 01:20 AM	50.2	63.1	46.7
01:20 AM - 01:25 AM	48.7	55.9	46.9
01:25 AM - 01:30 AM	49.2	55.6	47.4
01:30 AM - 01:35 AM	49.4	55.9	46.8
01:35 AM - 01:40 AM	54.5	73.8	47.2
01:40 AM - 01:45 AM	50.5	69.0	48.1
01:45 AM - 01:50 AM	49.1	54.4	47.1
01:50 AM - 01:55 AM	49.9	58.1	48.1
01:55 AM - 02:00 AM	48.9	53.8	47.0
02:00 AM - 02:05 AM	47.8	51.7	46.6
02:05 AM - 02:10 AM	47.9	58.3	46.0
02:10 AM - 02:15 AM	49.7	57.0	46.8
02:15 AM - 02:20 AM	48.6	55.4	46.7
02:20 AM - 02:25 AM	47.8	53.1	46.6
02:25 AM - 02:30 AM	48.6	53.6	46.9
02:30 AM - 02:35 AM	47.8	51.7	46.5
02:35 AM - 02:40 AM	48.5	56.5	47.0
02:40 AM - 02:45 AM	48.4	52.9	47.1
02:45 AM - 02:50 AM	49.7	55.0	48.2
02:50 AM - 02:55 AM	48.2	54.4	46.6
02:55 AM - 03:00 AM	48.6	54.0	46.8
03:00 AM - 03:05 AM	48.7	54.2	46.9
03:05 AM - 03:10 AM	49.2	53.6	47.3
03:10 AM - 03:15 AM	48.0	66.2	46.1
03:15 AM - 03:20 AM	47.8	58.1	45.8
03:20 AM - 03:25 AM	48.3	52.9	46.9
03:25 AM - 03:30 AM	47.7	55.1	46.0
03:30 AM - 03:35 AM	48.4	58.3	46.7
03:35 AM - 03:40 AM	47.8	54.2	46.5
03:40 AM - 03:45 AM	48.9	56.0	46.9
03:45 AM - 03:50 AM	47.8	52.9	46.4

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692194-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-4
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 15 - 16, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	46.9	51.4	45.7
03:55 AM - 04:00 AM	47.5	52.2	46.1
04:00 AM - 04:05 AM	48.2	55.5	46.1
04:05 AM - 04:10 AM	48.2	53.5	46.7
04:10 AM - 04:15 AM	48.8	54.9	47.0
04:15 AM - 04:20 AM	47.9	52.8	46.5
04:20 AM - 04:25 AM	48.2	54.2	46.4
04:25 AM - 04:30 AM	48.3	54.9	46.6
04:30 AM - 04:35 AM	48.9	54.4	47.5
04:35 AM - 04:40 AM	48.8	52.9	47.9
04:40 AM - 04:45 AM	48.0	53.0	46.0
04:45 AM - 04:50 AM	48.1	52.6	46.0
04:50 AM - 04:55 AM	47.4	51.8	46.1
04:55 AM - 05:00 AM	48.0	52.5	46.0
05:00 AM - 05:05 AM	47.8	56.3	46.1
05:05 AM - 05:10 AM	48.0	55.5	46.3
05:10 AM - 05:15 AM	47.6	54.2	45.9
05:15 AM - 05:20 AM	47.2	51.9	45.5
05:20 AM - 05:25 AM	47.7	51.8	46.1
05:25 AM - 05:30 AM	48.1	59.2	46.4
05:30 AM - 05:35 AM	48.5	56.7	46.2
05:35 AM - 05:40 AM	49.0	57.3	46.9
05:40 AM - 05:45 AM	47.5	56.8	45.5
05:45 AM - 05:50 AM	47.8	52.2	46.0
05:50 AM - 05:55 AM	48.2	54.2	46.0
05:55 AM - 06:00 AM	47.5	51.5	45.8
06:00 AM - 07:00 AM	47.8	56.0	46.1
07:00 AM - 08:00 AM	48.6	63.6	46.2
08:00 AM - 09:00 AM	52.3	66.6	49.4
09:00 AM - 10:00 AM	53.9	79.9	50.1
10:00 AM - 11:00 AM	55.9	76.1	52.7
11:00 AM - 12:00 PM	54.6	72.9	50.7

Reference Method :

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

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692195-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-5
Parameter Noise
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 16 - 17, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	54.9	79.9	51.3
01:00 PM - 02:00 PM	54.2	65.4	51.8
02:00 PM - 03:00 PM	53.2	70.8	50.4
03:00 PM - 04:00 PM	53.6	70.8	50.4
04:00 PM - 05:00 PM	54.9	73.8	51.7
05:00 PM - 06:00 PM	54.3	68.8	50.8
06:00 PM - 07:00 PM	55.3	72.8	51.5
07:00 PM - 08:00 PM	55.8	75.1	52.2
08:00 PM - 09:00 PM	54.8	77.8	51.2
09:00 PM - 10:00 PM	53.1	69.3	50.9
10:00 PM - 10:05 PM	51.7	59.4	49.4
10:05 PM - 10:10 PM	50.8	55.6	48.9
10:10 PM - 10:15 PM	51.1	59.6	48.9
10:15 PM - 10:20 PM	50.4	55.4	49.0
10:20 PM - 10:25 PM	51.1	59.1	48.4
10:25 PM - 10:30 PM	50.7	56.4	49.2
10:30 PM - 10:35 PM	50.4	56.9	48.9
10:35 PM - 10:40 PM	50.7	56.3	49.2
10:40 PM - 10:45 PM	50.3	58.9	48.6
10:45 PM - 10:50 PM	51.9	62.8	49.5
10:50 PM - 10:55 PM	51.3	61.2	49.1
10:55 PM - 11:00 PM	50.8	61.3	49.3
11:00 PM - 11:05 PM	51.8	62.5	49.3
11:05 PM - 11:10 PM	50.9	56.6	49.0
11:10 PM - 11:15 PM	50.4	55.8	48.9
11:15 PM - 11:20 PM	50.5	54.3	49.2
11:20 PM - 11:25 PM	50.0	54.7	48.7
11:25 PM - 11:30 PM	50.0	55.5	48.6
11:30 PM - 11:35 PM	50.5	59.5	49.0
11:35 PM - 11:40 PM	50.9	59.3	48.8
11:40 PM - 11:45 PM	49.8	54.5	48.5
11:45 PM - 11:50 PM	50.2	53.2	48.9
11:50 PM - 11:55 PM	51.0	61.8	49.1
11:55 PM - 12:00 AM	53.1	72.9	49.3
12:00 AM - 12:05 AM	50.5	56.9	48.9
12:05 AM - 12:10 AM	51.4	62.4	49.0
12:10 AM - 12:15 AM	51.2	56.9	49.4
12:15 AM - 12:20 AM	50.9	58.6	48.7
12:20 AM - 12:25 AM	52.8	63.9	49.7
12:25 AM - 12:30 AM	50.6	58.6	48.7

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Wilawan Borirak
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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692195-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-5
Parameter Noise
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 16 - 17, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	50.2	56.7	47.9
12:35 AM - 12:40 AM	49.8	58.8	47.6
12:40 AM - 12:45 AM	50.4	58.0	47.8
12:45 AM - 12:50 AM	50.2	59.5	47.8
12:50 AM - 12:55 AM	51.8	62.1	48.7
12:55 AM - 01:00 AM	53.1	67.1	49.3
01:00 AM - 01:05 AM	50.5	57.3	48.5
01:05 AM - 01:10 AM	49.6	55.0	48.0
01:10 AM - 01:15 AM	48.9	53.2	47.3
01:15 AM - 01:20 AM	48.8	60.3	47.2
01:20 AM - 01:25 AM	49.0	54.8	47.6
01:25 AM - 01:30 AM	49.3	53.9	47.3
01:30 AM - 01:35 AM	47.5	50.9	46.4
01:35 AM - 01:40 AM	48.4	54.7	46.8
01:40 AM - 01:45 AM	47.2	54.7	46.0
01:45 AM - 01:50 AM	47.5	52.5	46.2
01:50 AM - 01:55 AM	47.6	54.2	46.2
01:55 AM - 02:00 AM	48.8	55.7	46.9
02:00 AM - 02:05 AM	47.6	53.7	46.2
02:05 AM - 02:10 AM	47.3	53.3	45.7
02:10 AM - 02:15 AM	49.0	57.4	46.8
02:15 AM - 02:20 AM	47.4	50.8	46.5
02:20 AM - 02:25 AM	48.0	54.4	46.0
02:25 AM - 02:30 AM	48.3	53.9	46.6
02:30 AM - 02:35 AM	47.0	56.5	45.4
02:35 AM - 02:40 AM	46.6	50.2	45.8
02:40 AM - 02:45 AM	46.8	54.3	45.4
02:45 AM - 02:50 AM	46.6	49.4	45.3
02:50 AM - 02:55 AM	47.5	51.8	45.6
02:55 AM - 03:00 AM	47.1	53.9	45.8
03:00 AM - 03:05 AM	46.4	54.8	45.1
03:05 AM - 03:10 AM	46.3	50.9	44.9
03:10 AM - 03:15 AM	46.3	50.6	45.2
03:15 AM - 03:20 AM	46.4	51.2	44.8
03:20 AM - 03:25 AM	46.6	50.6	45.2
03:25 AM - 03:30 AM	46.8	49.7	45.6
03:30 AM - 03:35 AM	46.7	51.3	45.3
03:35 AM - 03:40 AM	47.0	50.5	45.6
03:40 AM - 03:45 AM	47.3	52.3	46.1
03:45 AM - 03:50 AM	46.6	50.1	45.5

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692195-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-5
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 16 - 17, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	47.1	59.2	45.1
03:55 AM - 04:00 AM	47.7	61.8	45.3
04:00 AM - 04:05 AM	47.5	55.0	46.2
04:05 AM - 04:10 AM	47.2	50.8	45.7
04:10 AM - 04:15 AM	47.0	51.2	46.1
04:15 AM - 04:20 AM	46.6	54.9	45.0
04:20 AM - 04:25 AM	47.0	54.6	45.1
04:25 AM - 04:30 AM	46.5	57.1	45.0
04:30 AM - 04:35 AM	45.2	50.9	44.3
04:35 AM - 04:40 AM	45.8	51.3	44.6
04:40 AM - 04:45 AM	46.1	50.7	44.7
04:45 AM - 04:50 AM	44.9	48.8	43.7
04:50 AM - 04:55 AM	44.9	48.1	44.1
04:55 AM - 05:00 AM	45.7	52.3	44.4
05:00 AM - 05:05 AM	46.1	49.9	45.1
05:05 AM - 05:10 AM	46.0	51.8	44.8
05:10 AM - 05:15 AM	46.2	50.8	44.6
05:15 AM - 05:20 AM	46.2	52.6	44.7
05:20 AM - 05:25 AM	46.2	57.2	44.8
05:25 AM - 05:30 AM	45.8	50.0	44.8
05:30 AM - 05:35 AM	45.9	48.6	44.9
05:35 AM - 05:40 AM	46.3	50.2	45.1
05:40 AM - 05:45 AM	47.1	55.1	45.8
05:45 AM - 05:50 AM	46.9	52.5	45.2
05:50 AM - 05:55 AM	45.7	51.1	44.5
05:55 AM - 06:00 AM	46.7	58.5	44.9
06:00 AM - 07:00 AM	47.4	59.0	45.8
07:00 AM - 08:00 AM	47.2	65.9	45.6
08:00 AM - 09:00 AM	52.7	67.8	48.5
09:00 AM - 10:00 AM	52.0	79.8	47.9
10:00 AM - 11:00 AM	51.5	66.4	48.5
11:00 AM - 12:00 PM	51.8	64.0	49.1

Reference Method :

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

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692196-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-6
Parameter Noise
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 17 - 18, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	51.5	67.2	48.7
01:00 PM - 02:00 PM	51.6	63.1	48.6
02:00 PM - 03:00 PM	51.7	67.7	48.9
03:00 PM - 04:00 PM	52.4	63.8	49.4
04:00 PM - 05:00 PM	53.2	68.3	50.2
05:00 PM - 06:00 PM	53.3	82.1	50.3
06:00 PM - 07:00 PM	52.3	72.7	49.8
07:00 PM - 08:00 PM	53.1	72.4	50.4
08:00 PM - 09:00 PM	52.5	64.2	50.0
09:00 PM - 10:00 PM	55.8	67.5	50.5
10:00 PM - 10:05 PM	51.0	58.4	49.2
10:05 PM - 10:10 PM	51.6	59.6	49.1
10:10 PM - 10:15 PM	52.0	58.4	50.1
10:15 PM - 10:20 PM	50.7	57.0	49.5
10:20 PM - 10:25 PM	50.7	56.0	49.4
10:25 PM - 10:30 PM	52.1	61.7	49.9
10:30 PM - 10:35 PM	51.6	58.5	49.9
10:35 PM - 10:40 PM	50.3	55.4	48.3
10:40 PM - 10:45 PM	51.1	60.3	49.1
10:45 PM - 10:50 PM	50.9	55.7	49.0
10:50 PM - 10:55 PM	51.6	56.8	49.6
10:55 PM - 11:00 PM	51.1	57.3	49.3
11:00 PM - 11:05 PM	51.7	61.3	48.8
11:05 PM - 11:10 PM	50.7	58.9	49.2
11:10 PM - 11:15 PM	51.0	60.1	49.1
11:15 PM - 11:20 PM	51.1	65.9	49.3
11:20 PM - 11:25 PM	51.7	59.5	50.3
11:25 PM - 11:30 PM	50.8	55.9	49.2
11:30 PM - 11:35 PM	52.2	63.8	49.6
11:35 PM - 11:40 PM	52.5	61.9	50.1
11:40 PM - 11:45 PM	53.2	61.1	50.5
11:45 PM - 11:50 PM	52.3	61.2	50.4
11:50 PM - 11:55 PM	53.7	60.4	51.2
11:55 PM - 12:00 AM	51.5	62.7	49.3
12:00 AM - 12:05 AM	52.2	60.8	50.0
12:05 AM - 12:10 AM	52.2	59.1	50.5
12:10 AM - 12:15 AM	52.8	61.9	50.4
12:15 AM - 12:20 AM	52.5	60.8	50.3
12:20 AM - 12:25 AM	52.3	63.4	49.6
12:25 AM - 12:30 AM	54.0	65.2	50.1

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692196-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-6
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 17 - 18, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	52.7	61.3	49.9
12:35 AM - 12:40 AM	54.0	64.0	50.5
12:40 AM - 12:45 AM	51.7	61.0	49.6
12:45 AM - 12:50 AM	53.1	64.0	49.4
12:50 AM - 12:55 AM	54.5	62.4	50.8
12:55 AM - 01:00 AM	54.8	65.1	50.8
01:00 AM - 01:05 AM	53.3	62.6	49.9
01:05 AM - 01:10 AM	50.5	60.6	48.2
01:10 AM - 01:15 AM	51.4	60.1	48.9
01:15 AM - 01:20 AM	49.7	56.4	48.2
01:20 AM - 01:25 AM	48.0	52.6	46.8
01:25 AM - 01:30 AM	49.3	57.8	47.2
01:30 AM - 01:35 AM	50.4	58.5	47.7
01:35 AM - 01:40 AM	50.7	59.8	47.9
01:40 AM - 01:45 AM	48.9	56.0	47.2
01:45 AM - 01:50 AM	49.3	60.1	47.2
01:50 AM - 01:55 AM	49.8	58.8	47.8
01:55 AM - 02:00 AM	48.3	52.3	47.0
02:00 AM - 02:05 AM	50.3	55.8	48.1
02:05 AM - 02:10 AM	50.6	56.2	49.1
02:10 AM - 02:15 AM	48.8	53.4	47.6
02:15 AM - 02:20 AM	49.2	52.9	48.1
02:20 AM - 02:25 AM	49.7	52.4	49.0
02:25 AM - 02:30 AM	48.9	53.7	48.0
02:30 AM - 02:35 AM	48.1	55.2	47.1
02:35 AM - 02:40 AM	48.2	52.5	46.9
02:40 AM - 02:45 AM	49.0	53.6	47.8
02:45 AM - 02:50 AM	48.3	51.4	47.3
02:50 AM - 02:55 AM	48.6	61.8	47.0
02:55 AM - 03:00 AM	49.1	56.6	48.2
03:00 AM - 03:05 AM	49.8	57.6	49.0
03:05 AM - 03:10 AM	49.0	56.2	47.9
03:10 AM - 03:15 AM	48.4	55.9	46.9
03:15 AM - 03:20 AM	47.6	53.3	46.3
03:20 AM - 03:25 AM	47.4	52.1	46.3
03:25 AM - 03:30 AM	48.0	51.1	47.1
03:30 AM - 03:35 AM	47.9	54.1	46.5
03:35 AM - 03:40 AM	46.9	50.8	45.9
03:40 AM - 03:45 AM	47.5	60.1	45.9
03:45 AM - 03:50 AM	48.0	52.1	46.7

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692196-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-6
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 17 - 18, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	47.3	53.1	45.8
03:55 AM - 04:00 AM	49.1	63.7	46.1
04:00 AM - 04:05 AM	47.2	50.3	46.0
04:05 AM - 04:10 AM	46.3	49.8	45.0
04:10 AM - 04:15 AM	46.7	50.4	45.6
04:15 AM - 04:20 AM	46.6	56.8	45.4
04:20 AM - 04:25 AM	47.3	52.0	46.0
04:25 AM - 04:30 AM	47.3	51.0	46.0
04:30 AM - 04:35 AM	47.4	54.6	46.0
04:35 AM - 04:40 AM	49.8	75.0	45.7
04:40 AM - 04:45 AM	47.1	54.5	45.4
04:45 AM - 04:50 AM	47.0	50.7	46.3
04:50 AM - 04:55 AM	46.8	50.5	45.7
04:55 AM - 05:00 AM	46.4	50.4	45.2
05:00 AM - 05:05 AM	46.4	52.5	45.0
05:05 AM - 05:10 AM	46.6	50.5	45.6
05:10 AM - 05:15 AM	46.5	52.6	45.5
05:15 AM - 05:20 AM	47.9	55.8	45.7
05:20 AM - 05:25 AM	46.9	51.0	46.1
05:25 AM - 05:30 AM	47.3	50.1	46.2
05:30 AM - 05:35 AM	47.3	53.2	45.9
05:35 AM - 05:40 AM	46.1	49.9	45.1
05:40 AM - 05:45 AM	46.0	53.5	44.4
05:45 AM - 05:50 AM	47.7	51.1	46.6
05:50 AM - 05:55 AM	47.6	53.8	46.5
05:55 AM - 06:00 AM	48.1	56.1	46.6
06:00 AM - 07:00 AM	47.0	56.4	46.0
07:00 AM - 08:00 AM	48.2	57.1	46.9
08:00 AM - 09:00 AM	57.2	84.1	53.7
09:00 AM - 10:00 AM	51.3	68.3	49.1
10:00 AM - 11:00 AM	51.9	74.4	49.0
11:00 AM - 12:00 PM	54.0	76.1	50.8

Reference Method :

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

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692197-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-7
Parameter Noise
Location วิทยาลัยเทคโนโลยีโออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 18 - 19, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	51.9	64.2	49.7
01:00 PM - 02:00 PM	53.0	72.3	49.9
02:00 PM - 03:00 PM	54.1	68.6	50.8
03:00 PM - 04:00 PM	55.0	73.9	51.7
04:00 PM - 05:00 PM	55.7	70.5	52.5
05:00 PM - 06:00 PM	55.3	74.0	51.8
06:00 PM - 07:00 PM	55.6	76.6	52.2
07:00 PM - 08:00 PM	55.3	76.4	51.8
08:00 PM - 09:00 PM	54.2	78.0	51.1
09:00 PM - 10:00 PM	53.5	71.4	50.8
10:00 PM - 10:05 PM	53.6	68.8	49.3
10:05 PM - 10:10 PM	50.5	56.1	48.6
10:10 PM - 10:15 PM	52.8	68.0	49.3
10:15 PM - 10:20 PM	50.3	57.5	49.2
10:20 PM - 10:25 PM	50.3	55.6	49.0
10:25 PM - 10:30 PM	51.8	60.2	48.9
10:30 PM - 10:35 PM	50.2	57.4	48.4
10:35 PM - 10:40 PM	50.0	56.4	48.5
10:40 PM - 10:45 PM	50.3	58.8	48.8
10:45 PM - 10:50 PM	50.6	55.6	49.0
10:50 PM - 10:55 PM	51.4	61.4	49.0
10:55 PM - 11:00 PM	49.9	56.3	47.9
11:00 PM - 11:05 PM	50.0	57.6	48.4
11:05 PM - 11:10 PM	50.1	64.5	48.0
11:10 PM - 11:15 PM	50.8	58.0	48.1
11:15 PM - 11:20 PM	51.0	60.1	48.0
11:20 PM - 11:25 PM	49.5	55.7	47.9
11:25 PM - 11:30 PM	49.4	56.6	47.9
11:30 PM - 11:35 PM	50.5	61.7	47.8
11:35 PM - 11:40 PM	50.4	60.2	47.8
11:40 PM - 11:45 PM	48.1	52.9	46.8
11:45 PM - 11:50 PM	54.9	78.9	47.7
11:50 PM - 11:55 PM	49.6	56.9	47.6
11:55 PM - 12:00 AM	52.0	65.9	46.8
12:00 AM - 12:05 AM	49.5	57.8	47.0
12:05 AM - 12:10 AM	48.5	54.9	47.0
12:10 AM - 12:15 AM	49.2	63.0	46.7
12:15 AM - 12:20 AM	49.2	55.7	47.0
12:20 AM - 12:25 AM	48.9	58.8	46.3
12:25 AM - 12:30 AM	49.8	59.7	46.7

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Approved by

Wilawan Borirak
Manager

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692197-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-7
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 18 - 19, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:30 AM - 12:35 AM	48.0	56.6	45.8
12:35 AM - 12:40 AM	48.2	59.2	46.1
12:40 AM - 12:45 AM	48.0	56.2	46.5
12:45 AM - 12:50 AM	47.3	54.7	45.9
12:50 AM - 12:55 AM	50.7	59.7	47.2
12:55 AM - 01:00 AM	49.9	68.2	46.2
01:00 AM - 01:05 AM	48.5	59.1	46.0
01:05 AM - 01:10 AM	49.9	61.3	45.8
01:10 AM - 01:15 AM	47.2	55.1	45.4
01:15 AM - 01:20 AM	46.3	49.6	44.9
01:20 AM - 01:25 AM	49.5	63.2	45.4
01:25 AM - 01:30 AM	46.0	52.0	44.5
01:30 AM - 01:35 AM	46.0	51.3	44.8
01:35 AM - 01:40 AM	47.0	53.9	45.4
01:40 AM - 01:45 AM	45.8	50.1	44.7
01:45 AM - 01:50 AM	45.9	50.4	44.7
01:50 AM - 01:55 AM	45.7	55.1	44.1
01:55 AM - 02:00 AM	46.5	56.1	44.4
02:00 AM - 02:05 AM	47.9	57.8	44.8
02:05 AM - 02:10 AM	46.7	51.3	45.3
02:10 AM - 02:15 AM	47.7	54.9	45.8
02:15 AM - 02:20 AM	47.1	55.9	45.1
02:20 AM - 02:25 AM	47.0	54.1	45.4
02:25 AM - 02:30 AM	46.7	51.4	45.3
02:30 AM - 02:35 AM	46.4	50.2	45.3
02:35 AM - 02:40 AM	46.7	50.2	45.5
02:40 AM - 02:45 AM	46.9	55.1	45.5
02:45 AM - 02:50 AM	46.9	58.2	45.0
02:50 AM - 02:55 AM	46.9	55.1	45.3
02:55 AM - 03:00 AM	48.0	56.2	45.6
03:00 AM - 03:05 AM	49.1	60.4	45.9
03:05 AM - 03:10 AM	47.3	51.0	45.6
03:10 AM - 03:15 AM	48.2	52.1	46.2
03:15 AM - 03:20 AM	47.8	51.4	45.8
03:20 AM - 03:25 AM	47.4	57.3	44.9
03:25 AM - 03:30 AM	50.0	63.5	45.2
03:30 AM - 03:35 AM	47.0	51.4	44.9
03:35 AM - 03:40 AM	46.9	55.4	44.4
03:40 AM - 03:45 AM	46.7	52.3	44.5
03:45 AM - 03:50 AM	47.0	51.1	44.9

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692197-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-7
Parameter Noise
Location วิทยาลัยเทคโนโลยีไออาร์พีซี (GPS 47P 0751274, 1401545) (Shut down)
Measurement Date Jun 18 - 19, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00873057

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:50 AM - 03:55 AM	47.9	53.1	45.3
03:55 AM - 04:00 AM	46.9	55.0	44.4
04:00 AM - 04:05 AM	46.7	54.6	44.8
04:05 AM - 04:10 AM	47.2	51.1	45.2
04:10 AM - 04:15 AM	46.5	55.3	45.0
04:15 AM - 04:20 AM	46.4	51.8	45.1
04:20 AM - 04:25 AM	47.3	50.9	45.7
04:25 AM - 04:30 AM	47.7	51.7	45.9
04:30 AM - 04:35 AM	47.9	51.2	46.5
04:35 AM - 04:40 AM	48.8	57.7	46.7
04:40 AM - 04:45 AM	47.9	52.7	46.0
04:45 AM - 04:50 AM	47.0	51.5	45.2
04:50 AM - 04:55 AM	46.8	52.1	44.9
04:55 AM - 05:00 AM	46.3	52.7	44.1
05:00 AM - 05:05 AM	47.0	52.4	45.2
05:05 AM - 05:10 AM	47.8	52.5	46.2
05:10 AM - 05:15 AM	46.7	53.3	45.2
05:15 AM - 05:20 AM	47.4	61.4	45.8
05:20 AM - 05:25 AM	47.5	63.7	45.9
05:25 AM - 05:30 AM	47.7	60.3	46.2
05:30 AM - 05:35 AM	47.6	62.8	45.7
05:35 AM - 05:40 AM	47.4	60.2	45.8
05:40 AM - 05:45 AM	46.6	62.0	44.8
05:45 AM - 05:50 AM	45.8	60.8	44.4
05:50 AM - 05:55 AM	46.5	55.8	44.7
05:55 AM - 06:00 AM	46.4	50.9	44.4
06:00 AM - 07:00 AM	45.4	57.6	44.2
07:00 AM - 08:00 AM	47.9	59.5	46.5
08:00 AM - 09:00 AM	52.7	63.6	49.7
09:00 AM - 10:00 AM	54.5	74.4	50.4
10:00 AM - 11:00 AM	56.9	70.2	54.0
11:00 AM - 12:00 PM	55.4	71.0	52.4

Reference Method :

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

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601917-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-8
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 07 - 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด ^(A)	เสียงขณะ ไม่มีการรบกวน ^(B)	ผลต่าง ระดับเสียง ^(A-B)	ตัวปรับค่า ^(C)	ปรับค่าเสียงจากแหล่งกำเนิด ^(B)		เสียงพื้นฐาน ^(E)	ค่าระดับ การรบกวน ^(D-E)
					กลางวัน ^(A-C)	กลางคืน ^{(A-C)+3}		
10:00 AM - 11:00 AM	53.5	50.2	3.3	3.0	50.5	-	42.4	8.1
11:00 AM - 12:00 PM	50.5	48.4	2.1	4.5	46.0	-	42.4	3.6
12:00 PM - 01:00 PM	49.6	48.2	1.4	7.0	42.6	-	42.5	0.1
01:00 PM - 02:00 PM	49.4	50.2	-0.8	7.0	42.4	-	43.6	-1.2
02:00 PM - 03:00 PM	49.3	50.8	-1.5	7.0	42.3	-	43.4	-1.1
03:00 PM - 04:00 PM	51.1	50.1	1.0	7.0	44.1	-	44.0	0.1
04:00 PM - 05:00 PM	51.3	50.1	1.2	7.0	44.3	-	43.9	0.4
05:00 PM - 06:00 PM	51.9	49.6	2.3	4.5	47.4	-	43.9	3.5
06:00 PM - 07:00 PM	55.9	50.0	5.9	1.5	54.4	-	44.7	9.7
07:00 PM - 08:00 PM	54.3	53.9	0.4	7.0	47.3	-	49.6	-2.3
08:00 PM - 09:00 PM	51.2	50.8	0.4	7.0	44.2	-	47.0	-2.8
09:00 PM - 10:00 PM	49.5	49.1	0.4	7.0	42.5	-	46.1	-3.6
10:00 PM - 10:05 PM	49.5	49.8	-0.3	7.0	-	45.5	46.4	-0.9
10:05 PM - 10:10 PM	49.3	49.5	-0.2	7.0	-	45.3	47.5	-2.2
10:10 PM - 10:15 PM	48.8	49.2	-0.4	7.0	-	44.8	46.8	-2.0
10:15 PM - 10:20 PM	48.5	53.9	-5.4	7.0	-	44.5	46.6	-2.1
10:20 PM - 10:25 PM	49.0	49.1	-0.1	7.0	-	45.0	47.0	-2.0
10:25 PM - 10:30 PM	48.6	49.1	-0.5	7.0	-	44.6	46.5	-1.9
10:30 PM - 10:35 PM	47.9	49.0	-1.1	7.0	-	43.9	45.9	-2.0
10:35 PM - 10:40 PM	47.7	49.3	-1.6	7.0	-	43.7	47.0	-3.3
10:40 PM - 10:45 PM	48.2	49.6	-1.4	7.0	-	44.2	46.7	-2.5
10:45 PM - 10:50 PM	48.5	48.3	0.2	7.0	-	44.5	46.0	-1.5
10:50 PM - 10:55 PM	48.0	49.2	-1.2	7.0	-	44.0	46.3	-2.3
10:55 PM - 11:00 PM	47.8	51.7	-3.9	7.0	-	43.8	48.1	-4.3
11:00 PM - 11:05 PM	48.0	49.1	-1.1	7.0	-	44.0	47.1	-3.1
11:05 PM - 11:10 PM	48.0	48.7	-0.7	7.0	-	44.0	46.7	-2.7
11:10 PM - 11:15 PM	47.6	48.8	-1.2	7.0	-	43.6	46.5	-2.9
11:15 PM - 11:20 PM	47.9	50.2	-2.3	7.0	-	43.9	46.9	-3.0
11:20 PM - 11:25 PM	47.8	49.3	-1.5	7.0	-	43.8	46.9	-3.1
11:25 PM - 11:30 PM	46.8	48.2	-1.4	7.0	-	42.8	44.4	-1.6
11:30 PM - 11:35 PM	47.9	47.2	0.7	7.0	-	43.9	44.4	-0.5
11:35 PM - 11:40 PM	48.4	48.2	0.2	7.0	-	44.4	44.6	-0.2
11:40 PM - 11:45 PM	48.2	47.9	0.3	7.0	-	44.2	45.2	-1.0
11:45 PM - 11:50 PM	49.3	46.8	2.5	3.0	-	49.3	44.2	5.1
11:50 PM - 11:55 PM	48.5	50.2	-1.7	7.0	-	44.5	46.6	-2.1
11:55 PM - 12:00 AM	48.1	49.3	-1.2	7.0	-	44.1	46.1	-2.0
12:00 AM - 12:05 AM	46.1	48.8	-2.7	7.0	-	42.1	45.4	-3.3
12:05 AM - 12:10 AM	47.6	48.1	-0.5	7.0	-	43.6	44.5	-0.9
12:10 AM - 12:15 AM	48.7	49.1	-0.4	7.0	-	44.7	45.2	-0.5
12:15 AM - 12:20 AM	52.2	48.9	3.3	3.0	-	52.2	45.2	7.0

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601917-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2317289-8
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 07 - 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:20 AM - 12:25 AM	50.3	47.3	3.0	3.0	-	50.3	45.4	4.9
12:25 AM - 12:30 AM	52.1	46.6	5.5	1.5	-	53.6	44.4	9.2
12:30 AM - 12:35 AM	46.5	46.4	0.1	7.0	-	42.5	44.9	-2.4
12:35 AM - 12:40 AM	49.6	46.6	3.0	3.0	-	49.6	44.3	5.3
12:40 AM - 12:45 AM	47.9	48.5	-0.6	7.0	-	43.9	45.5	-1.6
12:45 AM - 12:50 AM	49.0	49.2	-0.2	7.0	-	45.0	45.4	-0.4
12:50 AM - 12:55 AM	49.0	48.1	0.9	7.0	-	45.0	44.1	0.9
12:55 AM - 01:00 AM	48.0	48.4	-0.4	7.0	-	44.0	44.4	-0.4
01:00 AM - 01:05 AM	48.6	46.0	2.6	3.0	-	48.6	43.2	5.4
01:05 AM - 01:10 AM	47.6	47.7	-0.1	7.0	-	43.6	44.6	-1.0
01:10 AM - 01:15 AM	46.8	48.3	-1.5	7.0	-	42.8	45.2	-2.4
01:15 AM - 01:20 AM	48.9	47.7	1.2	7.0	-	44.9	44.1	0.8
01:20 AM - 01:25 AM	45.5	50.5	-5.0	7.0	-	41.5	45.6	-4.1
01:25 AM - 01:30 AM	45.1	49.0	-3.9	7.0	-	41.1	45.7	-4.6
01:30 AM - 01:35 AM	44.9	49.2	-4.3	7.0	-	40.9	45.4	-4.5
01:35 AM - 01:40 AM	51.1	46.6	4.5	1.5	-	52.6	43.9	8.7
01:40 AM - 01:45 AM	45.2	44.3	0.9	7.0	-	41.2	43.3	-2.1
01:45 AM - 01:50 AM	45.7	49.8	-4.1	7.0	-	41.7	43.8	-2.1
01:50 AM - 01:55 AM	46.1	49.5	-3.4	7.0	-	42.1	44.3	-2.2
01:55 AM - 02:00 AM	49.8	47.0	2.8	3.0	-	49.8	43.7	6.1
02:00 AM - 02:05 AM	47.1	48.0	-0.9	7.0	-	43.1	44.6	-1.5
02:05 AM - 02:10 AM	47.0	46.6	0.4	7.0	-	43.0	44.1	-1.1
02:10 AM - 02:15 AM	51.9	47.1	4.8	1.5	-	53.4	44.8	8.6
02:15 AM - 02:20 AM	49.0	46.1	2.9	3.0	-	49.0	43.5	5.5
02:20 AM - 02:25 AM	49.4	48.3	1.1	7.0	-	45.4	44.2	1.2
02:25 AM - 02:30 AM	49.5	48.9	0.6	7.0	-	45.5	45.5	0.0
02:30 AM - 02:35 AM	48.1	50.9	-2.8	7.0	-	44.1	47.3	-3.2
02:35 AM - 02:40 AM	47.1	49.1	-2.0	7.0	-	43.1	44.8	-1.7
02:40 AM - 02:45 AM	46.3	48.6	-2.3	7.0	-	42.3	45.8	-3.5
02:45 AM - 02:50 AM	44.9	49.2	-4.3	7.0	-	40.9	45.7	-4.8
02:50 AM - 02:55 AM	46.4	48.2	-1.8	7.0	-	42.4	45.7	-3.3
02:55 AM - 03:00 AM	45.4	48.9	-3.5	7.0	-	41.4	45.6	-4.2
03:00 AM - 03:05 AM	45.9	47.9	-2.0	7.0	-	41.9	45.2	-3.3
03:05 AM - 03:10 AM	43.7	48.4	-4.7	7.0	-	39.7	45.9	-6.2
03:10 AM - 03:15 AM	44.2	48.2	-4.0	7.0	-	40.2	45.6	-5.4
03:15 AM - 03:20 AM	44.3	50.3	-6.0	7.0	-	40.3	46.0	-5.7
03:20 AM - 03:25 AM	46.9	51.2	-4.3	7.0	-	42.9	47.1	-4.2
03:25 AM - 03:30 AM	49.0	49.7	-0.7	7.0	-	45.0	46.1	-1.1
03:30 AM - 03:35 AM	47.7	49.9	-2.2	7.0	-	43.7	46.8	-3.1
03:35 AM - 03:40 AM	52.1	49.3	2.8	3.0	-	52.1	45.9	6.2

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601917-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-8
Parameter เสียงรบกวน
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 07 - 08, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (B)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:40 AM - 03:45 AM	46.0	47.3	-1.3	7.0	-	42.0	44.1	-2.1
03:45 AM - 03:50 AM	46.3	49.2	-2.9	7.0	-	42.3	46.3	-4.0
03:50 AM - 03:55 AM	47.3	48.9	-1.6	7.0	-	43.3	46.2	-2.9
03:55 AM - 04:00 AM	49.8	51.3	-1.5	7.0	-	45.8	48.1	-2.3
04:00 AM - 04:05 AM	50.4	46.8	3.6	2.0	-	51.4	43.4	8.0
04:05 AM - 04:10 AM	47.1	48.5	-1.4	7.0	-	43.1	44.7	-1.6
04:10 AM - 04:15 AM	47.0	46.5	0.5	7.0	-	43.0	42.9	0.1
04:15 AM - 04:20 AM	46.9	46.7	0.2	7.0	-	42.9	42.4	0.5
04:20 AM - 04:25 AM	45.9	46.7	-0.8	7.0	-	41.9	41.8	0.1
04:25 AM - 04:30 AM	44.9	47.6	-2.7	7.0	-	40.9	43.2	-2.3
04:30 AM - 04:35 AM	46.4	51.7	-5.3	7.0	-	42.4	45.9	-3.5
04:35 AM - 04:40 AM	49.4	51.3	-1.9	7.0	-	45.4	44.5	0.9
04:40 AM - 04:45 AM	46.5	47.8	-1.3	7.0	-	42.5	43.2	-0.7
04:45 AM - 04:50 AM	46.3	48.4	-2.1	7.0	-	42.3	41.8	0.5
04:50 AM - 04:55 AM	47.1	46.9	0.2	7.0	-	43.1	42.6	0.5
04:55 AM - 05:00 AM	46.6	45.5	1.1	7.0	-	42.6	43.0	-0.4
05:00 AM - 05:05 AM	50.2	45.5	4.7	1.5	-	51.7	42.5	9.2
05:05 AM - 05:10 AM	47.3	45.6	1.7	4.5	-	45.8	42.7	3.1
05:10 AM - 05:15 AM	46.9	46.5	0.4	7.0	-	42.9	43.6	-0.7
05:15 AM - 05:20 AM	49.7	46.2	3.5	2.0	-	50.7	42.2	8.5
05:20 AM - 05:25 AM	55.8	46.9	8.9	0.5	-	58.3	42.0	16.3
05:25 AM - 05:30 AM	55.9	48.1	7.8	0.5	-	58.4	44.8	13.6
05:30 AM - 05:35 AM	48.0	47.8	0.2	7.0	-	44.0	43.8	0.2
05:35 AM - 05:40 AM	47.5	48.0	-0.5	7.0	-	43.5	44.5	-1.0
05:40 AM - 05:45 AM	47.8	47.9	-0.1	7.0	-	43.8	42.5	1.3
05:45 AM - 05:50 AM	48.8	48.4	0.4	7.0	-	44.8	42.3	2.5
05:50 AM - 05:55 AM	51.2	50.9	0.3	7.0	-	47.2	43.1	4.1
05:55 AM - 06:00 AM	50.9	60.8	-9.9	7.0	-	46.9	56.0	-9.1
06:00 AM - 07:00 AM	54.9	51.7	3.2	3.0	51.9	-	45.0	6.9
07:00 AM - 08:00 AM	52.7	53.1	-0.4	7.0	45.7	-	44.8	0.9
08:00 AM - 09:00 AM	51.7	51.8	-0.1	7.0	44.7	-	43.9	0.8
09:00 AM - 10:00 AM	49.8	52.2	-2.4	7.0	42.8	-	43.2	-0.4
ค่ามาตรฐาน								≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
 - ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
- ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 07-08 มีนาคม 2566
- ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-8 วันที่ตรวจวัด 12-13 มิถุนายน 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601918-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-9
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 08 - 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด ^(A)	เสียงขณะ ไม่มีการรบกวน ^(B)	ผลต่าง ระดับเสียง ^(A-B)	ตัวปรับค่า ^(C)	ปรับค่าเสียงจากแหล่งกำเนิด ^(B)		เสียงพื้นฐาน ^(E)	ค่าระดับ การรบกวน ^(D-E)
					กลางวัน ^(A-C)	กลางคืน ^{(A-C)+3}		
10:00 AM - 11:00 AM	48.7	50.2	-1.5	7.0	41.7	-	44.3	-2.6
11:00 AM - 12:00 PM	51.8	53.0	-1.2	7.0	44.8	-	45.0	-0.2
12:00 PM - 01:00 PM	49.7	51.6	-1.9	7.0	42.7	-	45.8	-3.1
01:00 PM - 02:00 PM	50.7	49.9	0.8	7.0	43.7	-	44.0	-0.3
02:00 PM - 03:00 PM	50.1	51.2	-1.1	7.0	43.1	-	43.8	-0.7
03:00 PM - 04:00 PM	50.3	49.5	0.8	7.0	43.3	-	43.5	-0.2
04:00 PM - 05:00 PM	50.1	49.5	0.6	7.0	43.1	-	44.1	-1.0
05:00 PM - 06:00 PM	51.0	52.3	-1.3	7.0	44.0	-	45.6	-1.6
06:00 PM - 07:00 PM	53.6	51.6	2.0	4.5	49.1	-	46.9	2.2
07:00 PM - 08:00 PM	53.4	54.8	-1.4	7.0	46.4	-	50.4	-4.0
08:00 PM - 09:00 PM	50.7	49.8	0.9	7.0	43.7	-	46.8	-3.1
09:00 PM - 10:00 PM	53.4	49.3	4.1	2.0	51.4	-	46.0	5.4
10:00 PM - 10:05 PM	49.7	46.7	3.0	3.0	-	49.7	44.4	5.3
10:05 PM - 10:10 PM	49.1	47.4	1.7	4.5	-	47.6	44.5	3.1
10:10 PM - 10:15 PM	50.3	47.4	2.9	3.0	-	50.3	44.5	5.8
10:15 PM - 10:20 PM	47.8	47.9	-0.1	7.0	-	43.8	44.8	-1.0
10:20 PM - 10:25 PM	48.9	47.1	1.8	4.5	-	47.4	44.2	3.2
10:25 PM - 10:30 PM	49.4	48.5	0.9	7.0	-	45.4	44.5	0.9
10:30 PM - 10:35 PM	54.3	47.4	6.9	1.0	-	56.3	45.0	11.3
10:35 PM - 10:40 PM	54.7	46.2	8.5	0.5	-	57.2	44.4	12.8
10:40 PM - 10:45 PM	49.5	46.8	2.7	3.0	-	49.5	45.3	4.2
10:45 PM - 10:50 PM	46.6	48.3	-1.7	7.0	-	42.6	44.9	-2.3
10:50 PM - 10:55 PM	48.0	47.8	0.2	7.0	-	44.0	44.0	0.0
10:55 PM - 11:00 PM	50.9	45.8	5.1	1.5	-	52.4	43.7	8.7
11:00 PM - 11:05 PM	47.3	47.1	0.2	7.0	-	43.3	43.8	-0.5
11:05 PM - 11:10 PM	47.9	47.6	0.3	7.0	-	43.9	44.8	-0.9
11:10 PM - 11:15 PM	49.9	50.5	-0.6	7.0	-	45.9	46.4	-0.5
11:15 PM - 11:20 PM	46.9	52.1	-5.2	7.0	-	42.9	49.5	-6.6
11:20 PM - 11:25 PM	47.4	51.1	-3.7	7.0	-	43.4	46.3	-2.9
11:25 PM - 11:30 PM	46.3	49.9	-3.6	7.0	-	42.3	44.7	-2.4
11:30 PM - 11:35 PM	47.3	50.9	-3.6	7.0	-	43.3	46.3	-3.0
11:35 PM - 11:40 PM	48.7	55.3	-6.6	7.0	-	44.7	46.5	-1.8
11:40 PM - 11:45 PM	46.4	48.2	-1.8	7.0	-	42.4	45.0	-2.6
11:45 PM - 11:50 PM	55.7	46.5	9.2	0.5	-	58.2	44.4	13.8
11:50 PM - 11:55 PM	48.3	46.0	2.3	4.5	-	46.8	44.5	2.3
11:55 PM - 12:00 AM	49.1	47.7	1.4	7.0	-	45.1	44.6	0.5
12:00 AM - 12:05 AM	49.6	46.4	3.2	3.0	-	49.6	45.0	4.6
12:05 AM - 12:10 AM	57.3	50.6	6.7	1.0	-	59.3	45.6	13.7
12:10 AM - 12:15 AM	50.0	47.4	2.6	3.0	-	50.0	45.4	4.6
12:15 AM - 12:20 AM	58.4	47.0	11.4	0.5	-	60.9	45.2	15.7

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601918-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2317289-9
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 08 - 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
	กลางวัน (A-C)	กลางคืน (A-C)+3						
12:20 AM - 12:25 AM	47.9	47.8	0.1	7.0	-	43.9	45.0	-1.1
12:25 AM - 12:30 AM	48.6	46.4	2.2	4.5	-	47.1	44.5	2.6
12:30 AM - 12:35 AM	47.6	46.7	0.9	7.0	-	43.6	45.2	-1.6
12:35 AM - 12:40 AM	47.6	46.4	1.2	7.0	-	43.6	44.9	-1.3
12:40 AM - 12:45 AM	58.0	46.6	11.4	0.5	-	60.5	44.5	16.0
12:45 AM - 12:50 AM	52.5	46.8	5.7	1.5	-	54.0	44.9	9.1
12:50 AM - 12:55 AM	48.5	47.6	0.9	7.0	-	44.5	45.5	-1.0
12:55 AM - 01:00 AM	47.9	46.9	1.0	7.0	-	43.9	44.7	-0.8
01:00 AM - 01:05 AM	50.0	47.6	2.4	4.5	-	48.5	45.4	3.1
01:05 AM - 01:10 AM	47.7	47.1	0.6	7.0	-	43.7	45.6	-1.9
01:10 AM - 01:15 AM	48.3	46.8	1.5	4.5	-	46.8	45.5	1.3
01:15 AM - 01:20 AM	47.9	46.7	1.2	7.0	-	43.9	44.7	-0.8
01:20 AM - 01:25 AM	47.2	46.0	1.2	7.0	-	43.2	44.4	-1.2
01:25 AM - 01:30 AM	48.3	46.8	1.5	4.5	-	46.8	44.9	1.9
01:30 AM - 01:35 AM	47.6	45.7	1.9	4.5	-	46.1	44.1	2.0
01:35 AM - 01:40 AM	48.7	45.9	2.8	3.0	-	48.7	44.2	4.5
01:40 AM - 01:45 AM	47.2	47.3	-0.1	7.0	-	43.2	44.4	-1.2
01:45 AM - 01:50 AM	46.6	46.5	0.1	7.0	-	42.6	44.0	-1.4
01:50 AM - 01:55 AM	47.3	49.8	-2.5	7.0	-	43.3	45.2	-1.9
01:55 AM - 02:00 AM	46.6	50.8	-4.2	7.0	-	42.6	46.7	-4.1
02:00 AM - 02:05 AM	45.8	51.2	-5.4	7.0	-	41.8	48.6	-6.8
02:05 AM - 02:10 AM	51.0	50.2	0.8	7.0	-	47.0	47.9	-0.9
02:10 AM - 02:15 AM	55.2	50.5	4.7	1.5	-	56.7	48.2	8.5
02:15 AM - 02:20 AM	46.9	51.8	-4.9	7.0	-	42.9	48.1	-5.2
02:20 AM - 02:25 AM	46.2	49.5	-3.3	7.0	-	42.2	47.5	-5.3
02:25 AM - 02:30 AM	46.3	48.3	-2.0	7.0	-	42.3	45.4	-3.1
02:30 AM - 02:35 AM	47.4	49.0	-1.6	7.0	-	43.4	46.7	-3.3
02:35 AM - 02:40 AM	46.9	49.4	-2.5	7.0	-	42.9	46.5	-3.6
02:40 AM - 02:45 AM	47.6	48.6	-1.0	7.0	-	43.6	45.1	-1.5
02:45 AM - 02:50 AM	54.1	49.7	4.4	2.0	-	55.1	44.4	10.7
02:50 AM - 02:55 AM	56.3	48.7	7.6	0.5	-	58.8	41.6	17.2
02:55 AM - 03:00 AM	51.3	44.1	7.2	1.0	-	53.3	41.2	12.1
03:00 AM - 03:05 AM	48.7	45.0	3.7	2.0	-	49.7	40.6	9.1
03:05 AM - 03:10 AM	47.9	45.9	2.0	4.5	-	46.4	44.1	2.3
03:10 AM - 03:15 AM	48.0	47.3	0.7	7.0	-	44.0	44.2	-0.2
03:15 AM - 03:20 AM	47.2	46.0	1.2	7.0	-	43.2	43.7	-0.5
03:20 AM - 03:25 AM	48.7	46.2	2.5	3.0	-	48.7	44.3	4.4
03:25 AM - 03:30 AM	48.8	48.5	0.3	7.0	-	44.8	46.0	-1.2
03:30 AM - 03:35 AM	47.2	46.0	1.2	7.0	-	43.2	44.1	-0.9
03:35 AM - 03:40 AM	45.9	46.9	-1.0	7.0	-	41.9	44.3	-2.4

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601918-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-9
Parameter เสียงรบกวน
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 08 - 09, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (B)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:40 AM - 03:45 AM	47.4	46.1	1.3	7.0	-	43.4	44.3	-0.9
03:45 AM - 03:50 AM	44.8	44.8	0.0	7.0	-	40.8	41.3	-0.5
03:50 AM - 03:55 AM	44.6	45.9	-1.3	7.0	-	40.6	44.1	-3.5
03:55 AM - 04:00 AM	44.5	45.7	-1.2	7.0	-	40.5	44.0	-3.5
04:00 AM - 04:05 AM	46.1	44.9	1.2	7.0	-	42.1	43.3	-1.2
04:05 AM - 04:10 AM	46.2	45.0	1.2	7.0	-	42.2	42.9	-0.7
04:10 AM - 04:15 AM	45.3	45.6	-0.3	7.0	-	41.3	43.6	-2.3
04:15 AM - 04:20 AM	45.1	44.9	0.2	7.0	-	41.1	42.9	-1.8
04:20 AM - 04:25 AM	46.7	44.5	2.2	4.5	-	45.2	42.6	2.6
04:25 AM - 04:30 AM	46.0	45.8	0.2	7.0	-	42.0	43.1	-1.1
04:30 AM - 04:35 AM	47.8	46.5	1.3	7.0	-	43.8	43.5	0.3
04:35 AM - 04:40 AM	51.0	45.4	5.6	1.5	-	52.5	43.4	9.1
04:40 AM - 04:45 AM	45.9	47.1	-1.2	7.0	-	41.9	44.7	-2.8
04:45 AM - 04:50 AM	46.1	45.7	0.4	7.0	-	42.1	43.6	-1.5
04:50 AM - 04:55 AM	46.4	45.7	0.7	7.0	-	42.4	43.5	-1.1
04:55 AM - 05:00 AM	50.5	46.3	4.2	2.0	-	51.5	43.6	7.9
05:00 AM - 05:05 AM	46.6	48.9	-2.3	7.0	-	42.6	40.4	2.2
05:05 AM - 05:10 AM	47.3	43.0	4.3	2.0	-	48.3	39.8	8.5
05:10 AM - 05:15 AM	48.0	42.3	5.7	1.5	-	49.5	39.4	10.1
05:15 AM - 05:20 AM	52.0	43.1	8.9	0.5	-	54.5	39.7	14.8
05:20 AM - 05:25 AM	49.7	43.5	6.2	1.5	-	51.2	40.2	11.0
05:25 AM - 05:30 AM	50.6	43.3	7.3	1.0	-	52.6	40.7	11.9
05:30 AM - 05:35 AM	49.7	43.4	6.3	1.5	-	51.2	40.8	10.4
05:35 AM - 05:40 AM	48.9	44.1	4.8	1.5	-	50.4	40.5	9.9
05:40 AM - 05:45 AM	53.9	46.2	7.7	0.5	-	56.4	41.0	15.4
05:45 AM - 05:50 AM	50.2	47.3	2.9	3.0	-	50.2	41.4	8.8
05:50 AM - 05:55 AM	51.1	62.2	-11.1	7.0	-	47.1	46.4	0.7
05:55 AM - 06:00 AM	52.2	59.2	-7.0	7.0	-	48.2	58.2	-10.0
06:00 AM - 07:00 AM	54.8	49.8	5.0	1.5	53.3	-	45.0	8.3
07:00 AM - 08:00 AM	54.2	51.9	2.3	4.5	49.7	-	46.4	3.3
08:00 AM - 09:00 AM	52.8	51.8	1.0	7.0	45.8	-	45.9	-0.1
09:00 AM - 10:00 AM	51.0	50.6	0.4	7.0	44.0	-	46.0	-2.0
ค่ามาตรฐาน	≤ 10							

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 08-09 มีนาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-9 วันที่ตรวจวัด 13-14 มิถุนายน 2566)

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601919-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-10
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 09 - 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (B)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
	แหล่งกำเนิด (A-C)	กลางคืน (A-C)+3			กลางวัน (A-C)	กลางคืน (A-C)+3		
10:00 AM - 11:00 AM	49.9	49.1	0.8	7.0	42.9	-	44.5	-1.6
11:00 AM - 12:00 PM	49.2	49.9	-0.7	7.0	42.2	-	45.6	-3.4
12:00 PM - 01:00 PM	49.6	48.2	1.4	7.0	42.6	-	41.3	1.3
01:00 PM - 02:00 PM	48.3	47.7	0.6	7.0	41.3	-	43.4	-2.1
02:00 PM - 03:00 PM	48.7	48.9	-0.2	7.0	41.7	-	42.9	-1.2
03:00 PM - 04:00 PM	52.4	48.8	3.6	2.0	50.4	-	42.7	7.7
04:00 PM - 05:00 PM	54.5	52.0	2.5	3.0	51.5	-	42.6	8.9
05:00 PM - 06:00 PM	50.9	53.7	-2.8	7.0	43.9	-	44.4	-0.5
06:00 PM - 07:00 PM	53.4	53.8	-0.4	7.0	46.4	-	45.1	1.3
07:00 PM - 08:00 PM	51.2	53.6	-2.4	7.0	44.2	-	50.1	-5.9
08:00 PM - 09:00 PM	50.1	49.8	0.3	7.0	43.1	-	47.1	-4.0
09:00 PM - 10:00 PM	49.1	48.1	1.0	7.0	42.1	-	45.2	-3.1
10:00 PM - 10:05 PM	47.1	46.6	0.5	7.0	-	43.1	43.5	-0.4
10:05 PM - 10:10 PM	48.6	45.2	3.4	3.0	-	48.6	43.8	4.8
10:10 PM - 10:15 PM	48.8	47.6	1.2	7.0	-	44.8	43.9	0.9
10:15 PM - 10:20 PM	48.9	46.2	2.7	3.0	-	48.9	44.3	4.6
10:20 PM - 10:25 PM	56.1	46.9	9.2	0.5	-	58.6	44.2	14.4
10:25 PM - 10:30 PM	49.5	47.9	1.6	4.5	-	48.0	43.6	4.4
10:30 PM - 10:35 PM	50.9	46.2	4.7	1.5	-	52.4	42.9	9.5
10:35 PM - 10:40 PM	49.5	45.6	3.9	2.0	-	50.5	42.9	7.6
10:40 PM - 10:45 PM	49.3	46.2	3.1	3.0	-	49.3	43.0	6.3
10:45 PM - 10:50 PM	52.2	50.8	1.4	7.0	-	48.2	45.9	2.3
10:50 PM - 10:55 PM	49.5	48.2	1.3	7.0	-	45.5	46.0	-0.5
10:55 PM - 11:00 PM	49.8	48.2	1.6	4.5	-	48.3	46.3	2.0
11:00 PM - 11:05 PM	49.4	48.2	1.2	7.0	-	45.4	45.8	-0.4
11:05 PM - 11:10 PM	51.7	47.5	4.2	2.0	-	52.7	45.7	7.0
11:10 PM - 11:15 PM	49.2	46.4	2.8	3.0	-	49.2	45.4	3.8
11:15 PM - 11:20 PM	49.3	46.4	2.9	3.0	-	49.3	45.3	4.0
11:20 PM - 11:25 PM	52.7	48.5	4.2	2.0	-	53.7	45.6	8.1
11:25 PM - 11:30 PM	49.9	47.6	2.3	4.5	-	48.4	45.7	2.7
11:30 PM - 11:35 PM	49.2	48.5	0.7	7.0	-	45.2	45.7	-0.5
11:35 PM - 11:40 PM	48.6	49.6	-1.0	7.0	-	44.6	46.1	-1.5
11:40 PM - 11:45 PM	48.1	47.5	0.6	7.0	-	44.1	45.6	-1.5
11:45 PM - 11:50 PM	48.5	47.5	1.0	7.0	-	44.5	46.1	-1.6
11:50 PM - 11:55 PM	47.4	52.2	-4.8	7.0	-	43.4	47.3	-3.9
11:55 PM - 12:00 AM	47.5	47.6	-0.1	7.0	-	43.5	45.4	-1.9
12:00 AM - 12:05 AM	49.5	48.5	1.0	7.0	-	45.5	47.0	-1.5
12:05 AM - 12:10 AM	47.7	48.4	-0.7	7.0	-	43.7	46.4	-2.7
12:10 AM - 12:15 AM	48.0	47.3	0.7	7.0	-	44.0	45.3	-1.3
12:15 AM - 12:20 AM	48.6	48.2	0.4	7.0	-	44.6	46.3	-1.7

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601919-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2317289-10
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 09 - 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))								
เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:20 AM - 12:25 AM	47.5	49.1	-1.6	7.0	-	43.5	47.2	-3.7
12:25 AM - 12:30 AM	47.7	48.6	-0.9	7.0	-	43.7	47.2	-3.5
12:30 AM - 12:35 AM	47.2	47.5	-0.3	7.0	-	43.2	45.8	-2.6
12:35 AM - 12:40 AM	50.0	49.7	0.3	7.0	-	46.0	46.3	-0.3
12:40 AM - 12:45 AM	48.3	48.8	-0.5	7.0	-	44.3	47.6	-3.3
12:45 AM - 12:50 AM	48.8	48.9	-0.1	7.0	-	44.8	47.3	-2.5
12:50 AM - 12:55 AM	47.9	48.4	-0.5	7.0	-	43.9	45.2	-1.3
12:55 AM - 01:00 AM	47.4	48.2	-0.8	7.0	-	43.4	45.8	-2.4
01:00 AM - 01:05 AM	47.0	46.1	0.9	7.0	-	43.0	44.2	-1.2
01:05 AM - 01:10 AM	48.4	46.4	2.0	4.5	-	46.9	44.0	2.9
01:10 AM - 01:15 AM	49.6	47.3	2.3	4.5	-	48.1	45.7	2.4
01:15 AM - 01:20 AM	48.7	50.6	-1.9	7.0	-	44.7	45.2	-0.5
01:20 AM - 01:25 AM	48.4	48.8	-0.4	7.0	-	44.4	43.8	0.6
01:25 AM - 01:30 AM	48.9	45.8	3.1	3.0	-	48.9	42.8	6.1
01:30 AM - 01:35 AM	47.9	45.9	2.0	4.5	-	46.4	43.5	2.9
01:35 AM - 01:40 AM	47.3	46.9	0.4	7.0	-	43.3	42.7	0.6
01:40 AM - 01:45 AM	47.1	48.0	-0.9	7.0	-	43.1	43.0	0.1
01:45 AM - 01:50 AM	47.8	50.1	-2.3	7.0	-	43.8	44.7	-0.9
01:50 AM - 01:55 AM	47.6	50.3	-2.7	7.0	-	43.6	45.5	-1.9
01:55 AM - 02:00 AM	48.0	50.9	-2.9	7.0	-	44.0	46.3	-2.3
02:00 AM - 02:05 AM	46.4	51.0	-4.6	7.0	-	42.4	45.9	-3.5
02:05 AM - 02:10 AM	46.5	49.9	-3.4	7.0	-	42.5	44.8	-2.3
02:10 AM - 02:15 AM	47.7	48.9	-1.2	7.0	-	43.7	46.1	-2.4
02:15 AM - 02:20 AM	46.9	48.2	-1.3	7.0	-	42.9	45.8	-2.9
02:20 AM - 02:25 AM	48.0	47.7	0.3	7.0	-	44.0	45.6	-1.6
02:25 AM - 02:30 AM	46.8	47.8	-1.0	7.0	-	42.8	45.3	-2.5
02:30 AM - 02:35 AM	48.9	49.0	-0.1	7.0	-	44.9	45.8	-0.9
02:35 AM - 02:40 AM	47.0	47.6	-0.6	7.0	-	43.0	45.0	-2.0
02:40 AM - 02:45 AM	47.4	47.4	0.0	7.0	-	43.4	44.8	-1.4
02:45 AM - 02:50 AM	46.2	47.4	-1.2	7.0	-	42.2	45.2	-3.0
02:50 AM - 02:55 AM	48.7	47.3	1.4	7.0	-	44.7	45.2	-0.5
02:55 AM - 03:00 AM	45.2	47.0	-1.8	7.0	-	41.2	43.9	-2.7
03:00 AM - 03:05 AM	45.1	47.5	-2.4	7.0	-	41.1	43.7	-2.6
03:05 AM - 03:10 AM	46.3	46.5	-0.2	7.0	-	42.3	43.4	-1.1
03:10 AM - 03:15 AM	45.6	51.4	-5.8	7.0	-	41.6	43.4	-1.8
03:15 AM - 03:20 AM	46.4	49.6	-3.2	7.0	-	42.4	44.3	-1.9
03:20 AM - 03:25 AM	46.4	51.2	-4.8	7.0	-	42.4	46.0	-3.6
03:25 AM - 03:30 AM	46.6	51.5	-4.9	7.0	-	42.6	45.1	-2.5
03:30 AM - 03:35 AM	46.6	50.5	-3.9	7.0	-	42.6	43.9	-1.3
03:35 AM - 03:40 AM	47.0	51.6	-4.6	7.0	-	43.0	47.5	-4.5

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601919-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-10
Parameter เสียงรบกวน
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 09 - 10, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:40 AM - 03:45 AM	46.2	50.6	-4.4	7.0	-	42.2	44.4	-2.2
03:45 AM - 03:50 AM	46.7	48.2	-1.5	7.0	-	42.7	41.4	1.3
03:50 AM - 03:55 AM	47.0	50.0	-3.0	7.0	-	43.0	43.0	0.0
03:55 AM - 04:00 AM	46.9	49.4	-2.5	7.0	-	42.9	42.5	0.4
04:00 AM - 04:05 AM	46.6	48.2	-1.6	7.0	-	42.6	41.2	1.4
04:05 AM - 04:10 AM	47.5	47.4	0.1	7.0	-	43.5	41.1	2.4
04:10 AM - 04:15 AM	48.4	46.3	2.1	4.5	-	46.9	41.0	5.9
04:15 AM - 04:20 AM	48.9	42.7	6.2	1.5	-	50.4	40.4	10.0
04:20 AM - 04:25 AM	47.7	43.3	4.4	2.0	-	48.7	39.9	8.8
04:25 AM - 04:30 AM	47.8	42.2	5.6	1.5	-	49.3	39.3	10.0
04:30 AM - 04:35 AM	46.8	42.3	4.5	1.5	-	48.3	39.4	8.9
04:35 AM - 04:40 AM	45.9	40.9	5.0	1.5	-	47.4	39.1	8.3
04:40 AM - 04:45 AM	48.3	42.1	6.2	1.5	-	49.8	39.3	10.5
04:45 AM - 04:50 AM	47.1	41.5	5.6	1.5	-	48.6	39.1	9.5
04:50 AM - 04:55 AM	47.7	41.3	6.4	1.5	-	49.2	39.4	9.8
04:55 AM - 05:00 AM	48.0	43.7	4.3	2.0	-	49.0	39.7	9.3
05:00 AM - 05:05 AM	50.8	43.0	7.8	0.5	-	53.3	39.4	13.9
05:05 AM - 05:10 AM	47.8	46.4	1.4	7.0	-	43.8	39.0	4.8
05:10 AM - 05:15 AM	48.9	49.9	-1.0	7.0	-	44.9	39.8	5.1
05:15 AM - 05:20 AM	49.0	41.5	7.5	0.5	-	51.5	38.9	12.6
05:20 AM - 05:25 AM	50.4	43.1	7.3	1.0	-	52.4	39.2	13.2
05:25 AM - 05:30 AM	49.7	43.7	6.0	1.5	-	51.2	38.9	12.3
05:30 AM - 05:35 AM	47.5	42.2	5.3	1.5	-	49.0	38.9	10.1
05:35 AM - 05:40 AM	48.0	45.3	2.7	3.0	-	48.0	39.6	8.4
05:40 AM - 05:45 AM	48.6	44.7	3.9	2.0	-	49.6	39.9	9.7
05:45 AM - 05:50 AM	49.8	46.2	3.6	2.0	-	50.8	41.0	9.8
05:50 AM - 05:55 AM	55.4	56.2	-0.8	7.0	-	51.4	42.4	9.0
05:55 AM - 06:00 AM	56.5	54.4	2.1	4.5	-	55.0	47.5	7.5
06:00 AM - 07:00 AM	53.6	51.6	2.0	4.5	49.1	-	43.5	5.6
07:00 AM - 08:00 AM	53.8	55.1	-1.3	7.0	46.8	-	43.2	3.6
08:00 AM - 09:00 AM	52.1	51.7	0.4	7.0	45.1	-	43.8	1.3
09:00 AM - 10:00 AM	52.8	50.8	2.0	4.5	48.3	-	42.7	5.6
ค่ามาตรฐาน								≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 09-10 มีนาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-10 วันที่ตรวจวัด 14-15 มิถุนายน 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601920-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-11
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 10 - 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
	แหล่งกำเนิด (A-C)	กลางคืน (A-C)+3			กลางวัน (A-C)	กลางคืน (A-C)+3		
10:00 AM - 11:00 AM	52.0	49.4	2.6	3.0	49.0	-	41.6	7.4
11:00 AM - 12:00 PM	51.4	50.2	1.2	7.0	44.4	-	42.6	1.8
12:00 PM - 01:00 PM	50.0	51.0	-1.0	7.0	43.0	-	41.9	1.1
01:00 PM - 02:00 PM	51.8	49.7	2.1	4.5	47.3	-	42.8	4.5
02:00 PM - 03:00 PM	53.2	48.2	5.0	1.5	51.7	-	40.9	10.8
03:00 PM - 04:00 PM	53.6	50.2	3.4	3.0	50.6	-	41.5	9.1
04:00 PM - 05:00 PM	53.8	50.1	3.7	2.0	51.8	-	42.0	9.8
05:00 PM - 06:00 PM	52.1	51.5	0.6	7.0	45.1	-	44.5	0.6
06:00 PM - 07:00 PM	54.6	50.4	4.2	2.0	52.6	-	45.3	7.3
07:00 PM - 08:00 PM	50.4	57.6	-7.2	7.0	43.4	-	53.9	-10.5
08:00 PM - 09:00 PM	52.7	49.4	3.3	3.0	49.7	-	45.9	3.8
09:00 PM - 10:00 PM	50.1	48.0	2.1	4.5	45.6	-	45.2	0.4
10:00 PM - 10:05 PM	49.1	48.7	0.4	7.0	-	45.1	44.5	0.6
10:05 PM - 10:10 PM	48.3	47.7	0.6	7.0	-	44.3	44.5	-0.2
10:10 PM - 10:15 PM	51.1	45.1	6.0	1.5	-	52.6	43.6	9.0
10:15 PM - 10:20 PM	50.1	46.2	3.9	2.0	-	51.1	43.5	7.6
10:20 PM - 10:25 PM	49.5	44.6	4.9	1.5	-	51.0	43.4	7.6
10:25 PM - 10:30 PM	49.0	46.3	2.7	3.0	-	49.0	44.1	4.9
10:30 PM - 10:35 PM	49.2	45.3	3.9	2.0	-	50.2	43.2	7.0
10:35 PM - 10:40 PM	48.5	45.9	2.6	3.0	-	48.5	43.7	4.8
10:40 PM - 10:45 PM	51.1	45.1	6.0	1.5	-	52.6	43.1	9.5
10:45 PM - 10:50 PM	47.9	47.3	0.6	7.0	-	43.9	43.3	0.6
10:50 PM - 10:55 PM	48.2	47.3	0.9	7.0	-	44.2	43.3	0.9
10:55 PM - 11:00 PM	49.3	46.5	2.8	3.0	-	49.3	42.8	6.5
11:00 PM - 11:05 PM	49.3	45.2	4.1	2.0	-	50.3	42.5	7.8
11:05 PM - 11:10 PM	51.0	46.0	5.0	1.5	-	52.5	43.2	9.3
11:10 PM - 11:15 PM	50.1	46.1	4.0	2.0	-	51.1	43.6	7.5
11:15 PM - 11:20 PM	52.9	45.1	7.8	0.5	-	55.4	42.7	12.7
11:20 PM - 11:25 PM	50.6	44.7	5.9	1.5	-	52.1	42.6	9.5
11:25 PM - 11:30 PM	48.5	45.2	3.3	3.0	-	48.5	42.8	5.7
11:30 PM - 11:35 PM	51.5	45.9	5.6	1.5	-	53.0	43.2	9.8
11:35 PM - 11:40 PM	49.7	47.4	2.3	4.5	-	48.2	43.6	4.6
11:40 PM - 11:45 PM	48.5	45.7	2.8	3.0	-	48.5	43.3	5.2
11:45 PM - 11:50 PM	49.2	46.9	2.3	4.5	-	47.7	43.8	3.9
11:50 PM - 11:55 PM	48.9	45.3	3.6	2.0	-	49.9	43.1	6.8
11:55 PM - 12:00 AM	47.3	52.2	-4.9	7.0	-	43.3	43.2	0.1
12:00 AM - 12:05 AM	48.0	47.2	0.8	7.0	-	44.0	43.3	0.7
12:05 AM - 12:10 AM	47.9	49.1	-1.2	7.0	-	43.9	43.7	0.2
12:10 AM - 12:15 AM	48.0	48.7	-0.7	7.0	-	44.0	43.9	0.1
12:15 AM - 12:20 AM	48.3	47.8	0.5	7.0	-	44.3	43.7	0.6

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601920-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2317289-11
Parameter เสียงรบกวน
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 10 - 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:20 AM - 12:25 AM	49.0	47.6	1.4	7.0	-	45.0	43.9	1.1
12:25 AM - 12:30 AM	47.5	48.6	-1.1	7.0	-	43.5	44.1	-0.6
12:30 AM - 12:35 AM	47.7	47.0	0.7	7.0	-	43.7	43.9	-0.2
12:35 AM - 12:40 AM	47.1	47.2	-0.1	7.0	-	43.1	43.9	-0.8
12:40 AM - 12:45 AM	47.8	46.9	0.9	7.0	-	43.8	42.8	1.0
12:45 AM - 12:50 AM	48.0	46.9	1.1	7.0	-	44.0	43.4	0.6
12:50 AM - 12:55 AM	51.6	47.4	4.2	2.0	-	52.6	44.0	8.6
12:55 AM - 01:00 AM	48.6	47.1	1.5	4.5	-	47.1	43.8	3.3
01:00 AM - 01:05 AM	52.7	48.5	4.2	2.0	-	53.7	44.2	9.5
01:05 AM - 01:10 AM	54.5	48.5	6.0	1.5	-	56.0	45.5	10.5
01:10 AM - 01:15 AM	48.1	46.2	1.9	4.5	-	46.6	42.2	4.4
01:15 AM - 01:20 AM	48.6	46.5	2.1	4.5	-	47.1	43.3	3.8
01:20 AM - 01:25 AM	48.4	48.0	0.4	7.0	-	44.4	45.0	-0.6
01:25 AM - 01:30 AM	48.0	47.2	0.8	7.0	-	44.0	44.3	-0.3
01:30 AM - 01:35 AM	46.9	47.9	-1.0	7.0	-	42.9	45.2	-2.3
01:35 AM - 01:40 AM	45.7	47.5	-1.8	7.0	-	41.7	45.2	-3.5
01:40 AM - 01:45 AM	45.9	47.5	-1.6	7.0	-	41.9	45.2	-3.3
01:45 AM - 01:50 AM	47.7	46.7	1.0	7.0	-	43.7	43.5	0.2
01:50 AM - 01:55 AM	48.0	47.7	0.3	7.0	-	44.0	44.4	-0.4
01:55 AM - 02:00 AM	47.7	46.6	1.1	7.0	-	43.7	43.7	0.0
02:00 AM - 02:05 AM	48.0	46.7	1.3	7.0	-	44.0	43.8	0.2
02:05 AM - 02:10 AM	49.0	49.5	-0.5	7.0	-	45.0	45.7	-0.7
02:10 AM - 02:15 AM	48.4	47.7	0.7	7.0	-	44.4	44.3	0.1
02:15 AM - 02:20 AM	46.9	46.0	0.9	7.0	-	42.9	42.6	0.3
02:20 AM - 02:25 AM	46.6	46.3	0.3	7.0	-	42.6	43.3	-0.7
02:25 AM - 02:30 AM	46.7	46.9	-0.2	7.0	-	42.7	43.2	-0.5
02:30 AM - 02:35 AM	46.4	48.2	-1.8	7.0	-	42.4	44.5	-2.1
02:35 AM - 02:40 AM	46.5	47.1	-0.6	7.0	-	42.5	44.2	-1.7
02:40 AM - 02:45 AM	48.4	46.9	1.5	4.5	-	46.9	44.1	2.8
02:45 AM - 02:50 AM	48.8	46.8	2.0	4.5	-	47.3	44.1	3.2
02:50 AM - 02:55 AM	51.1	46.9	4.2	2.0	-	52.1	43.5	8.6
02:55 AM - 03:00 AM	52.8	47.0	5.8	1.5	-	54.3	43.9	10.4
03:00 AM - 03:05 AM	48.4	46.8	1.6	4.5	-	46.9	43.7	3.2
03:05 AM - 03:10 AM	50.2	48.2	2.0	4.5	-	48.7	43.9	4.8
03:10 AM - 03:15 AM	49.3	47.6	1.7	4.5	-	47.8	42.7	5.1
03:15 AM - 03:20 AM	49.1	46.6	2.5	3.0	-	49.1	42.2	6.9
03:20 AM - 03:25 AM	49.7	45.1	4.6	1.5	-	51.2	43.0	8.2
03:25 AM - 03:30 AM	48.4	45.3	3.1	3.0	-	48.4	43.1	5.3
03:30 AM - 03:35 AM	48.4	46.2	2.2	4.5	-	46.9	43.1	3.8
03:35 AM - 03:40 AM	47.8	46.3	1.5	4.5	-	46.3	43.1	3.2

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601920-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-11
Parameter เสียงรบกวน
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 10 - 11, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:40 AM - 03:45 AM	47.6	46.1	1.5	4.5	-	46.1	42.6	3.5
03:45 AM - 03:50 AM	48.0	46.4	1.6	4.5	-	46.5	43.4	3.1
03:50 AM - 03:55 AM	48.9	47.7	1.2	7.0	-	44.9	43.8	1.1
03:55 AM - 04:00 AM	49.4	46.7	2.7	3.0	-	49.4	43.2	6.2
04:00 AM - 04:05 AM	48.6	47.6	1.0	7.0	-	44.6	43.9	0.7
04:05 AM - 04:10 AM	48.1	44.2	3.9	2.0	-	49.1	40.5	8.6
04:10 AM - 04:15 AM	48.3	43.8	4.5	1.5	-	49.8	41.3	8.5
04:15 AM - 04:20 AM	52.3	46.0	6.3	1.5	-	53.8	41.3	12.5
04:20 AM - 04:25 AM	48.5	46.2	2.3	4.5	-	47.0	41.6	5.4
04:25 AM - 04:30 AM	47.2	44.4	2.8	3.0	-	47.2	40.3	6.9
04:30 AM - 04:35 AM	46.9	44.6	2.3	4.5	-	45.4	40.0	5.4
04:35 AM - 04:40 AM	47.9	42.5	5.4	1.5	-	49.4	39.5	9.9
04:40 AM - 04:45 AM	50.2	43.4	6.8	1.0	-	52.2	39.2	13.0
04:45 AM - 04:50 AM	49.6	41.6	8.0	0.5	-	52.1	39.1	13.0
04:50 AM - 04:55 AM	48.7	40.4	8.3	0.5	-	51.2	39.1	12.1
04:55 AM - 05:00 AM	50.6	40.9	9.7	0.5	-	53.1	38.8	14.3
05:00 AM - 05:05 AM	51.0	43.2	7.8	0.5	-	53.5	40.6	12.9
05:05 AM - 05:10 AM	49.3	48.1	1.2	7.0	-	45.3	40.8	4.5
05:10 AM - 05:15 AM	48.3	42.3	6.0	1.5	-	49.8	39.5	10.3
05:15 AM - 05:20 AM	51.1	43.0	8.1	0.5	-	53.6	39.0	14.6
05:20 AM - 05:25 AM	49.7	42.8	6.9	1.0	-	51.7	39.5	12.2
05:25 AM - 05:30 AM	49.4	42.5	6.9	1.0	-	51.4	40.0	11.4
05:30 AM - 05:35 AM	48.3	43.7	4.6	1.5	-	49.8	40.1	9.7
05:35 AM - 05:40 AM	47.6	44.2	3.4	3.0	-	47.6	40.5	7.1
05:40 AM - 05:45 AM	49.5	44.6	4.9	1.5	-	51.0	40.6	10.4
05:45 AM - 05:50 AM	51.9	45.9	6.0	1.5	-	53.4	41.0	12.4
05:50 AM - 05:55 AM	53.2	56.3	-3.1	7.0	-	49.2	43.6	5.6
05:55 AM - 06:00 AM	61.0	60.7	0.3	7.0	-	57.0	53.7	3.3
06:00 AM - 07:00 AM	54.6	52.8	1.8	4.5	50.1	-	43.2	6.9
07:00 AM - 08:00 AM	53.0	50.5	2.5	3.0	50.0	-	43.4	6.6
08:00 AM - 09:00 AM	56.3	50.6	5.7	1.5	54.8	-	42.3	12.5
09:00 AM - 10:00 AM	50.5	47.7	2.8	3.0	47.5	-	42.1	5.4
ค่ามาตรฐาน	≤ 10							

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 10-11 มีนาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-11 วันที่ตรวจวัด 15-16 มิถุนายน 2566)

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601921-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-12
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 11 - 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด ^(A)	เสียงขณะ ไม่มีการรบกวน ^(B)	ผลต่าง ระดับเสียง ^(A-B)	ตัวปรับค่า ^(C)	ปรับค่าเสียงจากแหล่งกำเนิด ^(B)		เสียงพื้นฐาน ^(E)	ค่าระดับ การรบกวน ^(D-E)
					กลางวัน ^(A-C)	กลางคืน ^{(A-C)+3}		
10:00 AM - 11:00 AM	51.4	47.5	3.9	2.0	49.4	-	41.8	7.6
11:00 AM - 12:00 PM	52.3	47.4	4.9	1.5	50.8	-	42.2	8.6
12:00 PM - 01:00 PM	52.2	49.0	3.2	3.0	49.2	-	42.3	6.9
01:00 PM - 02:00 PM	52.0	51.2	0.8	7.0	45.0	-	43.9	1.1
02:00 PM - 03:00 PM	52.3	50.2	2.1	4.5	47.8	-	43.0	4.8
03:00 PM - 04:00 PM	51.9	55.1	-3.2	7.0	44.9	-	42.9	2.0
04:00 PM - 05:00 PM	52.4	50.7	1.7	4.5	47.9	-	43.0	4.9
05:00 PM - 06:00 PM	52.4	51.1	1.3	7.0	45.4	-	44.1	1.3
06:00 PM - 07:00 PM	52.5	55.8	-3.3	7.0	45.5	-	44.9	0.6
07:00 PM - 08:00 PM	50.2	51.4	-1.2	7.0	43.2	-	46.4	-3.2
08:00 PM - 09:00 PM	49.8	49.2	0.6	7.0	42.8	-	46.4	-3.6
09:00 PM - 10:00 PM	50.3	48.6	1.7	4.5	45.8	-	45.4	0.4
10:00 PM - 10:05 PM	51.1	49.6	1.5	4.5	-	49.6	46.0	3.6
10:05 PM - 10:10 PM	51.9	50.2	1.7	4.5	-	50.4	46.1	4.3
10:10 PM - 10:15 PM	48.7	49.9	-1.2	7.0	-	44.7	44.8	-0.1
10:15 PM - 10:20 PM	47.1	50.4	-3.3	7.0	-	43.1	46.5	-3.4
10:20 PM - 10:25 PM	48.2	49.7	-1.5	7.0	-	44.2	44.7	-0.5
10:25 PM - 10:30 PM	49.2	49.5	-0.3	7.0	-	45.2	43.9	1.3
10:30 PM - 10:35 PM	51.5	46.0	5.5	1.5	-	53.0	43.2	9.8
10:35 PM - 10:40 PM	49.5	45.4	4.1	2.0	-	50.5	43.1	7.4
10:40 PM - 10:45 PM	50.2	45.4	4.8	1.5	-	51.7	43.1	8.6
10:45 PM - 10:50 PM	47.7	46.1	1.6	4.5	-	46.2	43.4	2.8
10:50 PM - 10:55 PM	47.3	46.7	0.6	7.0	-	43.3	43.6	-0.3
10:55 PM - 11:00 PM	47.1	48.8	-1.7	7.0	-	43.1	46.8	-3.7
11:00 PM - 11:05 PM	53.0	47.0	6.0	1.5	-	54.5	43.1	11.4
11:05 PM - 11:10 PM	47.5	45.4	2.1	4.5	-	46.0	43.3	2.7
11:10 PM - 11:15 PM	47.5	44.1	3.4	3.0	-	47.5	42.6	4.9
11:15 PM - 11:20 PM	51.5	44.6	6.9	1.0	-	53.5	42.9	10.6
11:20 PM - 11:25 PM	48.2	45.8	2.4	4.5	-	46.7	43.3	3.4
11:25 PM - 11:30 PM	47.3	46.1	1.2	7.0	-	43.3	43.1	0.2
11:30 PM - 11:35 PM	48.3	44.9	3.4	3.0	-	48.3	43.3	5.0
11:35 PM - 11:40 PM	51.7	46.8	4.9	1.5	-	53.2	44.2	9.0
11:40 PM - 11:45 PM	54.8	47.8	7.0	1.0	-	56.8	44.9	11.9
11:45 PM - 11:50 PM	52.0	47.8	4.2	2.0	-	53.0	44.6	8.4
11:50 PM - 11:55 PM	48.7	47.4	1.3	7.0	-	44.7	44.0	0.7
11:55 PM - 12:00 AM	47.0	50.9	-3.9	7.0	-	43.0	46.0	-3.0
12:00 AM - 12:05 AM	46.6	48.3	-1.7	7.0	-	42.6	44.8	-2.2
12:05 AM - 12:10 AM	48.6	47.8	0.8	7.0	-	44.6	44.4	0.2
12:10 AM - 12:15 AM	48.0	49.9	-1.9	7.0	-	44.0	44.7	-0.7
12:15 AM - 12:20 AM	47.5	54.3	-6.8	7.0	-	43.5	51.5	-8.0

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317289

Date Received : Mar 17, 2023

Date Reported : Jun 26, 2023

Report Number : 2601921-1

Page 2 of 3

Sample No. 2317289-12
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 11 - 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด	เสียงขณะ ไม่มีการรบกวน	ผลต่าง ระดับเสียง	ตัวปรับค่า	ปรับค่าเสียงจากแหล่งกำเนิด		เสียงพื้นฐาน	ค่าระดับ การรบกวน
	(A)	(B)	(A-B)	(C)	กลางวัน (A-C)	กลางคืน (A-C)+3	(E)	(D-E)
12:20 AM - 12:25 AM	46.8	54.1	-7.3	7.0	-	42.8	50.2	-7.4
12:25 AM - 12:30 AM	46.3	53.5	-7.2	7.0	-	42.3	50.5	-8.2
12:30 AM - 12:35 AM	45.4	52.3	-6.9	7.0	-	41.4	45.5	-4.1
12:35 AM - 12:40 AM	48.5	55.3	-6.8	7.0	-	44.5	51.3	-6.8
12:40 AM - 12:45 AM	45.5	54.3	-8.8	7.0	-	41.5	51.4	-9.9
12:45 AM - 12:50 AM	45.0	53.7	-8.7	7.0	-	41.0	50.6	-9.6
12:50 AM - 12:55 AM	45.7	53.4	-7.7	7.0	-	41.7	50.1	-8.4
12:55 AM - 01:00 AM	46.3	53.0	-6.7	7.0	-	42.3	48.4	-6.1
01:00 AM - 01:05 AM	47.0	52.8	-5.8	7.0	-	43.0	49.4	-6.4
01:05 AM - 01:10 AM	46.8	51.3	-4.5	7.0	-	42.8	45.4	-2.6
01:10 AM - 01:15 AM	48.1	51.5	-3.4	7.0	-	44.1	45.2	-1.1
01:15 AM - 01:20 AM	47.6	50.9	-3.3	7.0	-	43.6	45.4	-1.8
01:20 AM - 01:25 AM	46.3	51.3	-5.0	7.0	-	42.3	45.9	-3.6
01:25 AM - 01:30 AM	48.1	48.8	-0.7	7.0	-	44.1	43.6	0.5
01:30 AM - 01:35 AM	45.8	45.0	0.8	7.0	-	41.8	42.8	-1.0
01:35 AM - 01:40 AM	45.7	49.0	-3.3	7.0	-	41.7	44.6	-2.9
01:40 AM - 01:45 AM	45.1	48.5	-3.4	7.0	-	41.1	44.5	-3.4
01:45 AM - 01:50 AM	46.2	49.7	-3.5	7.0	-	42.2	44.1	-1.9
01:50 AM - 01:55 AM	46.4	47.8	-1.4	7.0	-	42.4	43.5	-1.1
01:55 AM - 02:00 AM	45.2	50.4	-5.2	7.0	-	41.2	43.8	-2.6
02:00 AM - 02:05 AM	49.0	49.2	-0.2	7.0	-	45.0	44.2	0.8
02:05 AM - 02:10 AM	47.4	48.7	-1.3	7.0	-	43.4	43.4	0.0
02:10 AM - 02:15 AM	48.1	49.6	-1.5	7.0	-	44.1	44.6	-0.5
02:15 AM - 02:20 AM	44.3	47.5	-3.2	7.0	-	40.3	43.0	-2.7
02:20 AM - 02:25 AM	44.4	48.6	-4.2	7.0	-	40.4	42.7	-2.3
02:25 AM - 02:30 AM	45.6	43.5	2.1	4.5	-	44.1	41.5	2.6
02:30 AM - 02:35 AM	44.9	44.1	0.8	7.0	-	40.9	40.9	0.0
02:35 AM - 02:40 AM	44.8	46.4	-1.6	7.0	-	40.8	41.3	-0.5
02:40 AM - 02:45 AM	46.1	44.7	1.4	7.0	-	42.1	41.6	0.5
02:45 AM - 02:50 AM	45.3	46.3	-1.0	7.0	-	41.3	41.8	-0.5
02:50 AM - 02:55 AM	45.2	44.7	0.5	7.0	-	41.2	41.2	0.0
02:55 AM - 03:00 AM	44.9	44.5	0.4	7.0	-	40.9	40.9	0.0
03:00 AM - 03:05 AM	45.2	46.2	-1.0	7.0	-	41.2	41.8	-0.6
03:05 AM - 03:10 AM	46.8	46.3	0.5	7.0	-	42.8	41.5	1.3
03:10 AM - 03:15 AM	46.7	47.6	-0.9	7.0	-	42.7	43.0	-0.3
03:15 AM - 03:20 AM	46.9	46.1	0.8	7.0	-	42.9	41.2	1.7
03:20 AM - 03:25 AM	46.8	44.8	2.0	4.5	-	45.3	42.6	2.7
03:25 AM - 03:30 AM	46.7	44.1	2.6	3.0	-	46.7	42.1	4.6
03:30 AM - 03:35 AM	46.4	45.5	0.9	7.0	-	42.4	43.0	-0.6
03:35 AM - 03:40 AM	45.8	45.8	0.0	7.0	-	41.8	43.3	-1.5

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601921-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-12
Parameter เสียงรบกวน
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 11 - 12, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (B)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:40 AM - 03:45 AM	44.9	45.6	-0.7	7.0	-	40.9	43.1	-2.2
03:45 AM - 03:50 AM	46.6	45.8	0.8	7.0	-	42.6	43.3	-0.7
03:50 AM - 03:55 AM	45.9	44.5	1.4	7.0	-	41.9	41.0	0.9
03:55 AM - 04:00 AM	45.1	44.2	0.9	7.0	-	41.1	41.3	-0.2
04:00 AM - 04:05 AM	45.5	44.7	0.8	7.0	-	41.5	41.4	0.1
04:05 AM - 04:10 AM	48.7	43.1	5.6	1.5	-	50.2	40.2	10.0
04:10 AM - 04:15 AM	48.5	42.7	5.8	1.5	-	50.0	40.7	9.3
04:15 AM - 04:20 AM	48.8	44.8	4.0	2.0	-	49.8	41.3	8.5
04:20 AM - 04:25 AM	46.9	43.1	3.8	2.0	-	47.9	40.7	7.2
04:25 AM - 04:30 AM	46.2	45.0	1.2	7.0	-	42.2	41.3	0.9
04:30 AM - 04:35 AM	46.9	47.4	-0.5	7.0	-	42.9	42.3	0.6
04:35 AM - 04:40 AM	47.8	48.0	-0.2	7.0	-	43.8	42.9	0.9
04:40 AM - 04:45 AM	49.0	49.0	0.0	7.0	-	45.0	43.2	1.8
04:45 AM - 04:50 AM	47.8	43.4	4.4	2.0	-	48.8	40.9	7.9
04:50 AM - 04:55 AM	46.7	43.1	3.6	2.0	-	47.7	40.6	7.1
04:55 AM - 05:00 AM	47.2	42.5	4.7	1.5	-	48.7	39.9	8.8
05:00 AM - 05:05 AM	46.6	42.2	4.4	2.0	-	47.6	39.4	8.2
05:05 AM - 05:10 AM	48.4	42.1	6.3	1.5	-	49.9	39.7	10.2
05:10 AM - 05:15 AM	50.4	42.4	8.0	0.5	-	52.9	39.8	13.1
05:15 AM - 05:20 AM	48.3	42.4	5.9	1.5	-	49.8	39.7	10.1
05:20 AM - 05:25 AM	47.6	42.8	4.8	1.5	-	49.1	39.9	9.2
05:25 AM - 05:30 AM	48.8	43.4	5.4	1.5	-	50.3	40.0	10.3
05:30 AM - 05:35 AM	48.9	43.2	5.7	1.5	-	50.4	40.6	9.8
05:35 AM - 05:40 AM	47.1	43.8	3.3	3.0	-	47.1	40.2	6.9
05:40 AM - 05:45 AM	50.4	43.5	6.9	1.0	-	52.4	40.9	11.5
05:45 AM - 05:50 AM	50.5	49.3	1.2	7.0	-	46.5	41.6	4.9
05:50 AM - 05:55 AM	50.2	53.2	-3.0	7.0	-	46.2	41.5	4.7
05:55 AM - 06:00 AM	53.4	54.1	-0.7	7.0	-	49.4	44.9	4.5
06:00 AM - 07:00 AM	54.3	52.2	2.1	4.5	49.8	-	44.1	5.7
07:00 AM - 08:00 AM	54.9	52.0	2.9	3.0	51.9	-	43.2	8.7
08:00 AM - 09:00 AM	53.2	50.5	2.7	3.0	50.2	-	43.0	7.2
09:00 AM - 10:00 AM	52.8	49.9	2.9	3.0	49.8	-	42.6	7.2
ค่ามาตรฐาน	≤ 10							

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 11-12 มีนาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-12 วันที่ตรวจวัด 16-17 มิถุนายน 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601922-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-13
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด ^(A)	เสียงขณะ ไม่มีการรบกวน ^(B)	ผลต่าง ระดับเสียง ^(A-B)	ตัวปรับค่า ^(C)	ปรับค่าเสียงจากแหล่งกำเนิด ^(B)		เสียงพื้นฐาน ^(E)	ค่าระดับ การรบกวน ^(D-E)
					กลางวัน ^(A-C)	กลางคืน ^{(A-C)+3}		
10:00 AM - 11:00 AM	52.5	49.5	3.0	3.0	49.5	-	42.1	7.4
11:00 AM - 12:00 PM	50.5	49.4	1.1	7.0	43.5	-	43.4	0.1
12:00 PM - 01:00 PM	50.4	49.0	1.4	7.0	43.4	-	43.4	0.0
01:00 PM - 02:00 PM	51.3	50.3	1.0	7.0	44.3	-	44.9	-0.6
02:00 PM - 03:00 PM	50.8	51.7	-0.9	7.0	43.8	-	45.1	-1.3
03:00 PM - 04:00 PM	51.0	50.7	0.3	7.0	44.0	-	45.0	-1.0
04:00 PM - 05:00 PM	52.3	52.2	0.1	7.0	45.3	-	44.9	0.4
05:00 PM - 06:00 PM	50.9	50.9	0.0	7.0	43.9	-	45.1	-1.2
06:00 PM - 07:00 PM	52.5	50.7	1.8	4.5	48.0	-	45.4	2.6
07:00 PM - 08:00 PM	49.5	50.3	-0.8	7.0	42.5	-	45.2	-2.7
08:00 PM - 09:00 PM	50.6	48.4	2.2	4.5	46.1	-	45.3	0.8
09:00 PM - 10:00 PM	47.2	49.0	-1.8	7.0	40.2	-	44.9	-4.7
10:00 PM - 10:05 PM	46.9	52.6	-5.7	7.0	-	42.9	45.3	-2.4
10:05 PM - 10:10 PM	46.5	47.7	-1.2	7.0	-	42.5	44.8	-2.3
10:10 PM - 10:15 PM	51.8	51.7	0.1	7.0	-	47.8	44.6	3.2
10:15 PM - 10:20 PM	47.9	48.9	-1.0	7.0	-	43.9	44.5	-0.6
10:20 PM - 10:25 PM	50.7	49.3	1.4	7.0	-	46.7	45.8	0.9
10:25 PM - 10:30 PM	51.3	49.7	1.6	4.5	-	49.8	45.5	4.3
10:30 PM - 10:35 PM	49.7	49.5	0.2	7.0	-	45.7	45.3	0.4
10:35 PM - 10:40 PM	48.1	50.1	-2.0	7.0	-	44.1	45.6	-1.5
10:40 PM - 10:45 PM	47.4	49.6	-2.2	7.0	-	43.4	44.8	-1.4
10:45 PM - 10:50 PM	48.5	48.1	0.4	7.0	-	44.5	44.4	0.1
10:50 PM - 10:55 PM	48.9	49.3	-0.4	7.0	-	44.9	45.2	-0.3
10:55 PM - 11:00 PM	47.6	47.3	0.3	7.0	-	43.6	44.5	-0.9
11:00 PM - 11:05 PM	48.5	47.4	1.1	7.0	-	44.5	43.4	1.1
11:05 PM - 11:10 PM	48.8	46.5	2.3	4.5	-	47.3	44.3	3.0
11:10 PM - 11:15 PM	47.7	48.2	-0.5	7.0	-	43.7	45.0	-1.3
11:15 PM - 11:20 PM	46.3	47.9	-1.6	7.0	-	42.3	46.3	-4.0
11:20 PM - 11:25 PM	47.8	47.9	-0.1	7.0	-	43.8	46.2	-2.4
11:25 PM - 11:30 PM	45.0	48.9	-3.9	7.0	-	41.0	46.1	-5.1
11:30 PM - 11:35 PM	48.3	47.4	0.9	7.0	-	44.3	44.3	0.0
11:35 PM - 11:40 PM	51.2	48.0	3.2	3.0	-	51.2	44.7	6.5
11:40 PM - 11:45 PM	47.4	47.7	-0.3	7.0	-	43.4	45.4	-2.0
11:45 PM - 11:50 PM	49.1	49.0	0.1	7.0	-	45.1	47.0	-1.9
11:50 PM - 11:55 PM	47.3	49.2	-1.9	7.0	-	43.3	47.4	-4.1
11:55 PM - 12:00 AM	53.3	49.3	4.0	2.0	-	54.3	46.9	7.4
12:00 AM - 12:05 AM	49.0	47.8	1.2	7.0	-	45.0	44.8	0.2
12:05 AM - 12:10 AM	46.5	46.9	-0.4	7.0	-	42.5	44.1	-1.6
12:10 AM - 12:15 AM	47.6	46.9	0.7	7.0	-	43.6	44.1	-0.5
12:15 AM - 12:20 AM	48.3	47.4	0.9	7.0	-	44.3	45.2	-0.9

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601922-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2317289-13
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:20 AM - 12:25 AM	48.5	47.2	1.3	7.0	-	44.5	45.5	-1.0
12:25 AM - 12:30 AM	46.5	48.4	-1.9	7.0	-	42.5	46.6	-4.1
12:30 AM - 12:35 AM	49.4	48.8	0.6	7.0	-	45.4	47.4	-2.0
12:35 AM - 12:40 AM	49.2	49.0	0.2	7.0	-	45.2	48.0	-2.8
12:40 AM - 12:45 AM	54.1	49.3	4.8	1.5	-	55.6	46.1	9.5
12:45 AM - 12:50 AM	48.0	47.1	0.9	7.0	-	44.0	46.0	-2.0
12:50 AM - 12:55 AM	48.0	46.8	1.2	7.0	-	44.0	45.9	-1.9
12:55 AM - 01:00 AM	46.4	46.0	0.4	7.0	-	42.4	44.6	-2.2
01:00 AM - 01:05 AM	46.2	44.6	1.6	4.5	-	44.7	43.6	1.1
01:05 AM - 01:10 AM	46.8	45.7	1.1	7.0	-	42.8	44.2	-1.4
01:10 AM - 01:15 AM	47.3	45.6	1.7	4.5	-	45.8	43.7	2.1
01:15 AM - 01:20 AM	47.5	46.5	1.0	7.0	-	43.5	43.8	-0.3
01:20 AM - 01:25 AM	46.4	44.9	1.5	4.5	-	44.9	43.1	1.8
01:25 AM - 01:30 AM	46.9	45.0	1.9	4.5	-	45.4	43.3	2.1
01:30 AM - 01:35 AM	47.3	45.0	2.3	4.5	-	45.8	43.1	2.7
01:35 AM - 01:40 AM	47.2	44.7	2.5	3.0	-	47.2	43.3	3.9
01:40 AM - 01:45 AM	48.1	45.6	2.5	3.0	-	48.1	43.4	4.7
01:45 AM - 01:50 AM	50.7	45.2	5.5	1.5	-	52.2	43.3	8.9
01:50 AM - 01:55 AM	46.9	44.5	2.4	4.5	-	45.4	43.5	1.9
01:55 AM - 02:00 AM	46.2	44.4	1.8	4.5	-	44.7	43.6	1.1
02:00 AM - 02:05 AM	45.8	44.7	1.1	7.0	-	41.8	43.5	-1.7
02:05 AM - 02:10 AM	44.9	44.9	0.0	7.0	-	40.9	43.8	-2.9
02:10 AM - 02:15 AM	44.9	45.1	-0.2	7.0	-	40.9	43.0	-2.1
02:15 AM - 02:20 AM	44.6	43.9	0.7	7.0	-	40.6	42.3	-1.7
02:20 AM - 02:25 AM	44.1	43.0	1.1	7.0	-	40.1	41.5	-1.4
02:25 AM - 02:30 AM	43.7	42.0	1.7	4.5	-	42.2	40.8	1.4
02:30 AM - 02:35 AM	43.3	41.4	1.9	4.5	-	41.8	40.4	1.4
02:35 AM - 02:40 AM	43.2	42.2	1.0	7.0	-	39.2	40.4	-1.2
02:40 AM - 02:45 AM	44.6	44.8	-0.2	7.0	-	40.6	42.3	-1.7
02:45 AM - 02:50 AM	47.3	43.0	4.3	2.0	-	48.3	41.7	6.6
02:50 AM - 02:55 AM	45.7	43.1	2.6	3.0	-	45.7	42.0	3.7
02:55 AM - 03:00 AM	43.9	44.2	-0.3	7.0	-	39.9	42.6	-2.7
03:00 AM - 03:05 AM	44.4	43.0	1.4	7.0	-	40.4	42.1	-1.7
03:05 AM - 03:10 AM	44.0	43.6	0.4	7.0	-	40.0	42.6	-2.6
03:10 AM - 03:15 AM	44.3	44.3	0.0	7.0	-	40.3	42.9	-2.6
03:15 AM - 03:20 AM	43.5	43.9	-0.4	7.0	-	39.5	41.8	-2.3
03:20 AM - 03:25 AM	43.9	42.9	1.0	7.0	-	39.9	41.5	-1.6
03:25 AM - 03:30 AM	48.1	43.1	5.0	1.5	-	49.6	41.3	8.3
03:30 AM - 03:35 AM	63.0	45.3	17.7	0.0	-	66.0	41.0	25.0
03:35 AM - 03:40 AM	54.1	43.4	10.7	0.5	-	56.6	41.7	14.9

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601922-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-13
Parameter เสียงรบกวน
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:40 AM - 03:45 AM	42.3	43.6	-1.3	7.0	-	38.3	41.9	-3.6
03:45 AM - 03:50 AM	43.8	44.7	-0.9	7.0	-	39.8	42.4	-2.6
03:50 AM - 03:55 AM	43.3	43.9	-0.6	7.0	-	39.3	42.0	-2.7
03:55 AM - 04:00 AM	45.5	44.0	1.5	4.5	-	44.0	41.9	2.1
04:00 AM - 04:05 AM	44.8	43.4	1.4	7.0	-	40.8	42.1	-1.3
04:05 AM - 04:10 AM	44.4	46.4	-2.0	7.0	-	40.4	44.4	-4.0
04:10 AM - 04:15 AM	43.7	47.4	-3.7	7.0	-	39.7	46.1	-6.4
04:15 AM - 04:20 AM	45.0	46.2	-1.2	7.0	-	41.0	45.5	-4.5
04:20 AM - 04:25 AM	49.1	46.4	2.7	3.0	-	49.1	45.1	4.0
04:25 AM - 04:30 AM	48.8	45.7	3.1	3.0	-	48.8	44.6	4.2
04:30 AM - 04:35 AM	46.4	47.4	-1.0	7.0	-	42.4	44.6	-2.2
04:35 AM - 04:40 AM	46.3	45.4	0.9	7.0	-	42.3	44.5	-2.2
04:40 AM - 04:45 AM	44.4	46.9	-2.5	7.0	-	40.4	44.3	-3.9
04:45 AM - 04:50 AM	45.5	45.7	-0.2	7.0	-	41.5	44.2	-2.7
04:50 AM - 04:55 AM	45.2	47.0	-1.8	7.0	-	41.2	44.1	-2.9
04:55 AM - 05:00 AM	47.5	44.9	2.6	3.0	-	47.5	43.4	4.1
05:00 AM - 05:05 AM	46.9	44.2	2.7	3.0	-	46.9	43.3	3.6
05:05 AM - 05:10 AM	48.7	45.4	3.3	3.0	-	48.7	43.9	4.8
05:10 AM - 05:15 AM	47.7	46.5	1.2	7.0	-	43.7	44.2	-0.5
05:15 AM - 05:20 AM	47.6	46.8	0.8	7.0	-	43.6	45.6	-2.0
05:20 AM - 05:25 AM	58.8	47.1	11.7	0.5	-	61.3	45.9	15.4
05:25 AM - 05:30 AM	60.0	47.0	13.0	0.0	-	63.0	46.0	17.0
05:30 AM - 05:35 AM	49.4	47.9	1.5	4.5	-	47.9	46.9	1.0
05:35 AM - 05:40 AM	46.5	48.4	-1.9	7.0	-	42.5	47.3	-4.8
05:40 AM - 05:45 AM	51.7	48.3	3.4	3.0	-	51.7	47.0	4.7
05:45 AM - 05:50 AM	51.1	48.2	2.9	3.0	-	51.1	46.5	4.6
05:50 AM - 05:55 AM	53.5	47.9	5.6	1.5	-	55.0	46.3	8.7
05:55 AM - 06:00 AM	54.0	49.2	4.8	1.5	-	55.5	46.8	8.7
06:00 AM - 07:00 AM	52.8	49.3	3.5	2.0	50.8	-	45.9	4.9
07:00 AM - 08:00 AM	54.7	49.7	5.0	1.5	53.2	-	45.4	7.8
08:00 AM - 09:00 AM	51.5	51.8	-0.3	7.0	44.5	-	45.4	-0.9
09:00 AM - 10:00 AM	52.5	51.7	0.8	7.0	45.5	-	44.2	1.3
ค่ามาตรฐาน								≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 12-13 มีนาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-13 วันที่ตรวจวัด 17-18 มิถุนายน 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601923-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2317289-14
Parameter เสียงรบกวน
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจาก แหล่งกำเนิด ^(A)	เสียงขณะ ไม่มีการรบกวน ^(B)	ผลต่าง ระดับเสียง ^(A-B)	ตัวปรับค่า ^(C)	ปรับค่าเสียงจากแหล่งกำเนิด ^(B)		เสียงพื้นฐาน ^(E)	ค่าระดับ การรบกวน ^(D-E)
					กลางวัน ^(A-C)	กลางคืน ^{(A-C)+3}		
10:00 AM - 11:00 AM	51.5	52.1	-0.6	7.0	44.5	-	43.1	1.4
11:00 AM - 12:00 PM	49.7	51.9	-2.2	7.0	42.7	-	44.4	-1.7
12:00 PM - 01:00 PM	49.4	54.8	-5.4	7.0	42.4	-	48.6	-6.2
01:00 PM - 02:00 PM	54.8	53.7	1.1	7.0	47.8	-	47.6	0.2
02:00 PM - 03:00 PM	49.6	52.4	-2.8	7.0	42.6	-	47.0	-4.4
03:00 PM - 04:00 PM	51.1	54.0	-2.9	7.0	44.1	-	47.5	-3.4
04:00 PM - 05:00 PM	50.6	54.0	-3.4	7.0	43.6	-	47.9	-4.3
05:00 PM - 06:00 PM	51.0	53.4	-2.4	7.0	44.0	-	47.1	-3.1
06:00 PM - 07:00 PM	53.2	51.3	1.9	4.5	48.7	-	45.6	3.1
07:00 PM - 08:00 PM	52.2	52.5	-0.3	7.0	45.2	-	47.3	-2.1
08:00 PM - 09:00 PM	51.7	51.1	0.6	7.0	44.7	-	45.0	-0.3
09:00 PM - 10:00 PM	52.0	48.9	3.1	3.0	49.0	-	44.8	4.2
10:00 PM - 10:05 PM	49.8	46.7	3.1	3.0	-	49.8	42.6	7.2
10:05 PM - 10:10 PM	49.6	48.4	1.2	7.0	-	45.6	43.3	2.3
10:10 PM - 10:15 PM	50.6	47.9	2.7	3.0	-	50.6	44.4	6.2
10:15 PM - 10:20 PM	49.8	46.7	3.1	3.0	-	49.8	43.6	6.2
10:20 PM - 10:25 PM	49.8	48.2	1.6	4.5	-	48.3	43.5	4.8
10:25 PM - 10:30 PM	51.3	47.5	3.8	2.0	-	52.3	43.7	8.6
10:30 PM - 10:35 PM	53.2	50.1	3.1	3.0	-	53.2	45.3	7.9
10:35 PM - 10:40 PM	50.5	49.6	0.9	7.0	-	46.5	46.7	-0.2
10:40 PM - 10:45 PM	50.7	48.1	2.6	3.0	-	50.7	45.7	5.0
10:45 PM - 10:50 PM	50.5	47.8	2.7	3.0	-	50.5	44.1	6.4
10:50 PM - 10:55 PM	50.5	47.9	2.6	3.0	-	50.5	43.3	7.2
10:55 PM - 11:00 PM	51.5	50.1	1.4	7.0	-	47.5	46.2	1.3
11:00 PM - 11:05 PM	50.6	49.8	0.8	7.0	-	46.6	47.1	-0.5
11:05 PM - 11:10 PM	50.8	49.4	1.4	7.0	-	46.8	46.5	0.3
11:10 PM - 11:15 PM	49.5	49.2	0.3	7.0	-	45.5	45.6	-0.1
11:15 PM - 11:20 PM	49.4	49.5	-0.1	7.0	-	45.4	45.5	-0.1
11:20 PM - 11:25 PM	49.3	48.7	0.6	7.0	-	45.3	45.0	0.3
11:25 PM - 11:30 PM	49.4	47.8	1.6	4.5	-	47.9	43.7	4.2
11:30 PM - 11:35 PM	49.5	46.3	3.2	3.0	-	49.5	41.0	8.5
11:35 PM - 11:40 PM	49.2	44.8	4.4	2.0	-	50.2	41.5	8.7
11:40 PM - 11:45 PM	49.3	48.4	0.9	7.0	-	45.3	42.1	3.2
11:45 PM - 11:50 PM	49.6	47.0	2.6	3.0	-	49.6	43.1	6.5
11:50 PM - 11:55 PM	50.4	46.9	3.5	2.0	-	51.4	43.2	8.2
11:55 PM - 12:00 AM	49.6	49.0	0.6	7.0	-	45.6	45.5	0.1
12:00 AM - 12:05 AM	48.6	46.0	2.6	3.0	-	48.6	43.6	5.0
12:05 AM - 12:10 AM	49.8	45.7	4.1	2.0	-	50.8	43.8	7.0
12:10 AM - 12:15 AM	51.0	45.4	5.6	1.5	-	52.5	44.1	8.4
12:15 AM - 12:20 AM	48.5	46.8	1.7	4.5	-	47.0	44.7	2.3

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Approved by

Wilawan Borirak

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2317289

Date Received : Mar 17, 2023

Date Reported : Jun 26, 2023

Report Number : 2601923-1

Page 2 of 3

Sample No. 2317289-14
Parameter เสียงรบกวน
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))								
เวลา	เสียงจาก แหล่งกำเนิด (A)	เสียงขณะ ไม่มีการรบกวน (B)	ผลต่าง ระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับ การรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
12:20 AM - 12:25 AM	52.6	47.0	5.6	1.5	-	54.1	45.7	8.4
12:25 AM - 12:30 AM	56.1	47.2	8.9	0.5	-	58.6	45.6	13.0
12:30 AM - 12:35 AM	59.5	47.7	11.8	0.5	-	62.0	46.8	15.2
12:35 AM - 12:40 AM	52.9	50.1	2.8	3.0	-	52.9	47.3	5.6
12:40 AM - 12:45 AM	50.4	49.9	0.5	7.0	-	46.4	47.4	-1.0
12:45 AM - 12:50 AM	49.5	50.2	-0.7	7.0	-	45.5	47.8	-2.3
12:50 AM - 12:55 AM	49.6	48.1	1.5	4.5	-	48.1	45.2	2.9
12:55 AM - 01:00 AM	49.3	49.0	0.3	7.0	-	45.3	46.9	-1.6
01:00 AM - 01:05 AM	49.8	48.6	1.2	7.0	-	45.8	46.2	-0.4
01:05 AM - 01:10 AM	49.3	48.4	0.9	7.0	-	45.3	45.7	-0.4
01:10 AM - 01:15 AM	49.6	48.0	1.6	4.5	-	48.1	45.3	2.8
01:15 AM - 01:20 AM	49.7	47.3	2.4	4.5	-	48.2	45.0	3.2
01:20 AM - 01:25 AM	49.7	46.3	3.4	3.0	-	49.7	44.5	5.2
01:25 AM - 01:30 AM	50.1	46.8	3.3	3.0	-	50.1	43.7	6.4
01:30 AM - 01:35 AM	51.2	47.5	3.7	2.0	-	52.2	44.7	7.5
01:35 AM - 01:40 AM	49.7	46.1	3.6	2.0	-	50.7	42.8	7.9
01:40 AM - 01:45 AM	49.9	45.0	4.9	1.5	-	51.4	43.8	7.6
01:45 AM - 01:50 AM	50.0	45.1	4.9	1.5	-	51.5	43.8	7.7
01:50 AM - 01:55 AM	49.3	44.7	4.6	1.5	-	50.8	43.2	7.6
01:55 AM - 02:00 AM	49.3	45.7	3.6	2.0	-	50.3	43.5	6.8
02:00 AM - 02:05 AM	49.2	45.7	3.5	2.0	-	50.2	44.1	6.1
02:05 AM - 02:10 AM	49.2	45.3	3.9	2.0	-	50.2	42.5	7.7
02:10 AM - 02:15 AM	49.2	49.5	-0.3	7.0	-	45.2	44.5	0.7
02:15 AM - 02:20 AM	48.7	47.4	1.3	7.0	-	44.7	42.9	1.8
02:20 AM - 02:25 AM	49.1	48.5	0.6	7.0	-	45.1	42.6	2.5
02:25 AM - 02:30 AM	49.5	43.4	6.1	1.5	-	51.0	41.4	9.6
02:30 AM - 02:35 AM	48.8	44.0	4.8	1.5	-	50.3	40.8	9.5
02:35 AM - 02:40 AM	47.8	46.3	1.5	4.5	-	46.3	41.2	5.1
02:40 AM - 02:45 AM	48.0	44.6	3.4	3.0	-	48.0	41.5	6.5
02:45 AM - 02:50 AM	46.1	46.2	-0.1	7.0	-	42.1	41.7	0.4
02:50 AM - 02:55 AM	45.8	44.6	1.2	7.0	-	41.8	41.1	0.7
02:55 AM - 03:00 AM	45.8	44.4	1.4	7.0	-	41.8	40.8	1.0
03:00 AM - 03:05 AM	46.0	46.1	-0.1	7.0	-	42.0	41.7	0.3
03:05 AM - 03:10 AM	47.2	46.2	1.0	7.0	-	43.2	41.4	1.8
03:10 AM - 03:15 AM	46.9	47.5	-0.6	7.0	-	42.9	42.9	0.0
03:15 AM - 03:20 AM	49.8	46.0	3.8	2.0	-	50.8	41.1	9.7
03:20 AM - 03:25 AM	47.5	44.7	2.8	3.0	-	47.5	42.5	5.0
03:25 AM - 03:30 AM	47.5	44.0	3.5	2.0	-	48.5	42.0	6.5
03:30 AM - 03:35 AM	47.8	45.4	2.4	4.5	-	46.3	42.9	3.4
03:35 AM - 03:40 AM	46.6	45.7	0.9	7.0	-	42.6	43.2	-0.6

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2317289
Date Received : Mar 17, 2023
Date Reported : Jun 26, 2023
Report Number : 2601923-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2317289-14
Parameter เสียงรบกวน
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754304, 1403603)
Measurement Date Mar 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 623388

ระดับเสียง (dB(A))

เวลา	เสียงจากแหล่งกำเนิด (A)	เสียงขณะไม่มีการรบกวน (B)	ผลต่างระดับเสียง (A-B)	ตัวปรับค่า (C)	ปรับค่าเสียงจากแหล่งกำเนิด (D)		เสียงพื้นฐาน (E)	ค่าระดับการรบกวน (D-E)
					กลางวัน (A-C)	กลางคืน (A-C)+3		
03:40 AM - 03:45 AM	47.2	45.5	1.7	4.5	-	45.7	43.0	2.7
03:45 AM - 03:50 AM	46.7	45.7	1.0	7.0	-	42.7	43.2	-0.5
03:50 AM - 03:55 AM	46.5	44.4	2.1	4.5	-	45.0	40.9	4.1
03:55 AM - 04:00 AM	47.5	44.1	3.4	3.0	-	47.5	41.2	6.3
04:00 AM - 04:05 AM	47.2	44.6	2.6	3.0	-	47.2	41.3	5.9
04:05 AM - 04:10 AM	47.6	43.0	4.6	1.5	-	49.1	40.1	9.0
04:10 AM - 04:15 AM	47.3	42.6	4.7	1.5	-	48.8	40.6	8.2
04:15 AM - 04:20 AM	47.4	44.7	2.7	3.0	-	47.4	41.2	6.2
04:20 AM - 04:25 AM	47.4	43.0	4.4	2.0	-	48.4	40.6	7.8
04:25 AM - 04:30 AM	49.2	44.9	4.3	2.0	-	50.2	41.2	9.0
04:30 AM - 04:35 AM	47.8	47.3	0.5	7.0	-	43.8	42.2	1.6
04:35 AM - 04:40 AM	47.5	47.9	-0.4	7.0	-	43.5	42.8	0.7
04:40 AM - 04:45 AM	48.0	48.9	-0.9	7.0	-	44.0	43.1	0.9
04:45 AM - 04:50 AM	47.7	43.3	4.4	2.0	-	48.7	40.8	7.9
04:50 AM - 04:55 AM	46.7	43.0	3.7	2.0	-	47.7	40.5	7.2
04:55 AM - 05:00 AM	47.5	42.4	5.1	1.5	-	49.0	39.8	9.2
05:00 AM - 05:05 AM	48.3	42.1	6.2	1.5	-	49.8	39.3	10.5
05:05 AM - 05:10 AM	51.3	42.0	9.3	0.5	-	53.8	39.6	14.2
05:10 AM - 05:15 AM	47.8	42.3	5.5	1.5	-	49.3	39.7	9.6
05:15 AM - 05:20 AM	48.7	42.3	6.4	1.5	-	50.2	39.6	10.6
05:20 AM - 05:25 AM	50.0	42.7	7.3	1.0	-	52.0	39.8	12.2
05:25 AM - 05:30 AM	48.9	43.3	5.6	1.5	-	50.4	39.9	10.5
05:30 AM - 05:35 AM	49.9	43.1	6.8	1.0	-	51.9	40.5	11.4
05:35 AM - 05:40 AM	51.8	43.7	8.1	0.5	-	54.3	40.1	14.2
05:40 AM - 05:45 AM	49.5	43.4	6.1	1.5	-	51.0	40.8	10.2
05:45 AM - 05:50 AM	52.7	49.2	3.5	2.0	-	53.7	41.5	12.2
05:50 AM - 05:55 AM	54.9	53.1	1.8	4.5	-	53.4	41.4	12.0
05:55 AM - 06:00 AM	51.8	54.0	-2.2	7.0	-	47.8	44.8	3.0
06:00 AM - 07:00 AM	55.3	52.1	3.2	3.0	52.3	-	44.0	8.3
07:00 AM - 08:00 AM	53.5	51.9	1.6	4.5	49.0	-	43.1	5.9
08:00 AM - 09:00 AM	54.3	50.4	3.9	2.0	52.3	-	42.9	9.4
09:00 AM - 10:00 AM	57.5	49.8	7.7	0.5	57.0	-	42.5	14.5

ค่ามาตรฐาน

≤ 10

Reference Method :

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

มาตรฐาน

- ประกาศกระทรวงอุตสาหกรรม เรื่อง กำหนดค่าระดับเสียงการรบกวนและระดับเสียงที่เกิดจากการประกอบกิจการโรงงาน พ.ศ. 2548
- ประกาศกระทรวงสาธารณสุข เรื่อง กำหนดค่ามาตรฐานมลพิษทางเสียงอันเกิดจากการประกอบกิจการที่เป็นอันตรายต่อสุขภาพ พ.ศ. 2561
ระดับเสียงจากแหล่งกำเนิด ทำการตรวจวัด วันที่ 13-14 มีนาคม 2566
ระดับเสียงพื้นฐานและระดับเสียงขณะไม่มีการรบกวน (Sample No.2367140-14 วันที่ตรวจวัด 18-19 มิถุนายน 2566)

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2367140

Date Received : Jun 20, 2023

Date Reported : Jun 26, 2023

Report No. : 2692198-1

Page 1 of 3

Sample No. 2367140-8
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	50.2	83.3	42.4
11:00 AM - 12:00 PM	48.4	64.7	42.4
12:00 PM - 01:00 PM	48.2	66.1	42.5
01:00 PM - 02:00 PM	50.2	77.1	43.6
02:00 PM - 03:00 PM	50.8	74.4	43.4
03:00 PM - 04:00 PM	50.1	72.8	44.0
04:00 PM - 05:00 PM	50.1	68.9	43.9
05:00 PM - 06:00 PM	49.6	67.7	43.9
06:00 PM - 07:00 PM	50.0	66.1	44.7
07:00 PM - 08:00 PM	53.9	68.6	49.6
08:00 PM - 09:00 PM	50.8	71.2	47.0
09:00 PM - 10:00 PM	49.1	63.7	46.1
10:00 PM - 10:05 PM	49.8	62.7	46.4
10:05 PM - 10:10 PM	49.5	58.1	47.5
10:10 PM - 10:15 PM	49.2	55.5	46.8
10:15 PM - 10:20 PM	53.9	74.0	46.6
10:20 PM - 10:25 PM	49.1	56.0	47.0
10:25 PM - 10:30 PM	49.1	53.5	46.5
10:30 PM - 10:35 PM	49.0	56.0	45.9
10:35 PM - 10:40 PM	49.3	55.2	47.0
10:40 PM - 10:45 PM	49.6	55.7	46.7
10:45 PM - 10:50 PM	48.3	56.8	46.0
10:50 PM - 10:55 PM	49.2	59.5	46.3
10:55 PM - 11:00 PM	51.7	70.7	48.1
11:00 PM - 11:05 PM	49.1	58.1	47.1
11:05 PM - 11:10 PM	48.7	55.1	46.7
11:10 PM - 11:15 PM	48.8	53.4	46.5
11:15 PM - 11:20 PM	50.2	61.4	46.9
11:20 PM - 11:25 PM	49.3	53.1	46.9
11:25 PM - 11:30 PM	48.2	53.4	44.4
11:30 PM - 11:35 PM	47.2	55.3	44.4
11:35 PM - 11:40 PM	48.2	62.3	44.6
11:40 PM - 11:45 PM	47.9	52.9	45.2
11:45 PM - 11:50 PM	46.8	55.0	44.2
11:50 PM - 11:55 PM	50.2	56.0	46.6
11:55 PM - 12:00 AM	49.3	57.5	46.1
12:00 AM - 12:05 AM	48.8	53.5	45.4
12:05 AM - 12:10 AM	48.1	55.4	44.5
12:10 AM - 12:15 AM	49.1	54.6	45.2
12:15 AM - 12:20 AM	48.9	62.6	45.2

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2367140

Date Received : Jun 20, 2023

Date Reported : Jun 26, 2023

Report No. : 2692198-1

Page 2 of 3

Sample No. 2367140-8
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	47.3	50.4	45.4
12:25 AM - 12:30 AM	46.6	51.0	44.4
12:30 AM - 12:35 AM	46.4	55.3	44.9
12:35 AM - 12:40 AM	46.6	53.9	44.3
12:40 AM - 12:45 AM	48.5	54.7	45.5
12:45 AM - 12:50 AM	49.2	55.8	45.4
12:50 AM - 12:55 AM	48.1	54.0	44.1
12:55 AM - 01:00 AM	48.4	56.4	44.4
01:00 AM - 01:05 AM	46.0	59.1	43.2
01:05 AM - 01:10 AM	47.7	54.9	44.6
01:10 AM - 01:15 AM	48.3	54.7	45.2
01:15 AM - 01:20 AM	47.7	55.8	44.1
01:20 AM - 01:25 AM	50.5	57.9	45.6
01:25 AM - 01:30 AM	49.0	56.7	45.7
01:30 AM - 01:35 AM	49.2	55.7	45.4
01:35 AM - 01:40 AM	46.6	53.1	43.9
01:40 AM - 01:45 AM	44.3	48.1	43.3
01:45 AM - 01:50 AM	49.8	59.9	43.8
01:50 AM - 01:55 AM	49.5	55.4	44.3
01:55 AM - 02:00 AM	47.0	53.4	43.7
02:00 AM - 02:05 AM	48.0	58.6	44.6
02:05 AM - 02:10 AM	46.6	54.4	44.1
02:10 AM - 02:15 AM	47.1	52.2	44.8
02:15 AM - 02:20 AM	46.1	54.0	43.5
02:20 AM - 02:25 AM	48.3	62.6	44.2
02:25 AM - 02:30 AM	48.9	54.5	45.5
02:30 AM - 02:35 AM	50.9	57.2	47.3
02:35 AM - 02:40 AM	49.1	55.8	44.8
02:40 AM - 02:45 AM	48.6	55.2	45.8
02:45 AM - 02:50 AM	49.2	56.5	45.7
02:50 AM - 02:55 AM	48.2	53.8	45.7
02:55 AM - 03:00 AM	48.9	55.0	45.6
03:00 AM - 03:05 AM	47.9	53.7	45.2
03:05 AM - 03:10 AM	48.4	53.0	45.9
03:10 AM - 03:15 AM	48.2	54.2	45.6
03:15 AM - 03:20 AM	50.3	58.3	46.0
03:20 AM - 03:25 AM	51.2	57.8	47.1
03:25 AM - 03:30 AM	49.7	54.0	46.1
03:30 AM - 03:35 AM	49.9	55.6	46.8
03:35 AM - 03:40 AM	49.3	54.9	45.9

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692198-1

Page 3 of 3

Sample No. 2367140-8
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 12 - 13, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	47.3	58.0	44.1
03:45 AM - 03:50 AM	49.2	56.1	46.3
03:50 AM - 03:55 AM	48.9	54.4	46.2
03:55 AM - 04:00 AM	51.3	58.8	48.1
04:00 AM - 04:05 AM	46.8	52.2	43.4
04:05 AM - 04:10 AM	48.5	55.7	44.7
04:10 AM - 04:15 AM	46.5	54.1	42.9
04:15 AM - 04:20 AM	46.7	55.6	42.4
04:20 AM - 04:25 AM	46.7	54.1	41.8
04:25 AM - 04:30 AM	47.6	53.5	43.2
04:30 AM - 04:35 AM	51.7	62.1	45.9
04:35 AM - 04:40 AM	51.3	59.7	44.5
04:40 AM - 04:45 AM	47.8	54.9	43.2
04:45 AM - 04:50 AM	48.4	66.4	41.8
04:50 AM - 04:55 AM	46.9	57.5	42.6
04:55 AM - 05:00 AM	45.5	55.7	43.0
05:00 AM - 05:05 AM	45.5	53.1	42.5
05:05 AM - 05:10 AM	45.6	52.0	42.7
05:10 AM - 05:15 AM	46.5	52.1	43.6
05:15 AM - 05:20 AM	46.2	52.3	42.2
05:20 AM - 05:25 AM	46.9	53.1	42.0
05:25 AM - 05:30 AM	48.1	53.6	44.8
05:30 AM - 05:35 AM	47.8	53.2	43.8
05:35 AM - 05:40 AM	48.0	53.5	44.5
05:40 AM - 05:45 AM	47.9	57.3	42.5
05:45 AM - 05:50 AM	48.4	60.1	42.3
05:50 AM - 05:55 AM	50.9	66.4	43.1
05:55 AM - 06:00 AM	60.8	67.0	56.0
06:00 AM - 07:00 AM	51.7	77.5	45.0
07:00 AM - 08:00 AM	53.1	81.8	44.8
08:00 AM - 09:00 AM	51.8	76.5	43.9
09:00 AM - 10:00 AM	52.2	80.6	43.2

Reference Method :

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

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

Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692199-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-9
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	50.2	64.2	44.3
11:00 AM - 12:00 PM	53.0	74.6	45.0
12:00 PM - 01:00 PM	51.6	71.2	45.8
01:00 PM - 02:00 PM	49.9	65.1	44.0
02:00 PM - 03:00 PM	51.2	76.8	43.8
03:00 PM - 04:00 PM	49.5	73.5	43.5
04:00 PM - 05:00 PM	49.5	73.2	44.1
05:00 PM - 06:00 PM	52.3	75.3	45.6
06:00 PM - 07:00 PM	51.6	71.0	46.9
07:00 PM - 08:00 PM	54.8	76.5	50.4
08:00 PM - 09:00 PM	49.8	69.6	46.8
09:00 PM - 10:00 PM	49.3	67.0	46.0
10:00 PM - 10:05 PM	46.7	53.4	44.4
10:05 PM - 10:10 PM	47.4	57.3	44.5
10:10 PM - 10:15 PM	47.4	59.4	44.5
10:15 PM - 10:20 PM	47.9	62.0	44.8
10:20 PM - 10:25 PM	47.1	63.7	44.2
10:25 PM - 10:30 PM	48.5	58.3	44.5
10:30 PM - 10:35 PM	47.4	55.7	45.0
10:35 PM - 10:40 PM	46.2	54.0	44.4
10:40 PM - 10:45 PM	46.8	56.3	45.3
10:45 PM - 10:50 PM	48.3	67.9	44.9
10:50 PM - 10:55 PM	47.8	61.3	44.0
10:55 PM - 11:00 PM	45.8	52.3	43.7
11:00 PM - 11:05 PM	47.1	57.3	43.8
11:05 PM - 11:10 PM	47.6	60.3	44.8
11:10 PM - 11:15 PM	50.5	56.2	46.4
11:15 PM - 11:20 PM	52.1	60.7	49.5
11:20 PM - 11:25 PM	51.1	59.9	46.3
11:25 PM - 11:30 PM	49.9	55.9	44.7
11:30 PM - 11:35 PM	50.9	61.0	46.3
11:35 PM - 11:40 PM	55.3	71.9	46.5
11:40 PM - 11:45 PM	48.2	53.9	45.0
11:45 PM - 11:50 PM	46.5	54.3	44.4
11:50 PM - 11:55 PM	46.0	51.3	44.5
11:55 PM - 12:00 AM	47.7	53.6	44.6
12:00 AM - 12:05 AM	46.4	53.3	45.0
12:05 AM - 12:10 AM	50.6	69.2	45.6
12:10 AM - 12:15 AM	47.4	54.3	45.4
12:15 AM - 12:20 AM	47.0	53.8	45.2

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692199-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-9
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	47.8	64.4	45.0
12:25 AM - 12:30 AM	46.4	54.0	44.5
12:30 AM - 12:35 AM	46.7	53.3	45.2
12:35 AM - 12:40 AM	46.4	52.0	44.9
12:40 AM - 12:45 AM	46.6	51.4	44.5
12:45 AM - 12:50 AM	46.8	53.1	44.9
12:50 AM - 12:55 AM	47.6	59.1	45.5
12:55 AM - 01:00 AM	46.9	54.1	44.7
01:00 AM - 01:05 AM	47.6	61.0	45.4
01:05 AM - 01:10 AM	47.1	52.5	45.6
01:10 AM - 01:15 AM	46.8	50.9	45.5
01:15 AM - 01:20 AM	46.7	51.8	44.7
01:20 AM - 01:25 AM	46.0	49.3	44.4
01:25 AM - 01:30 AM	46.8	55.4	44.9
01:30 AM - 01:35 AM	45.7	50.7	44.1
01:35 AM - 01:40 AM	45.9	57.0	44.2
01:40 AM - 01:45 AM	47.3	57.5	44.4
01:45 AM - 01:50 AM	46.5	57.0	44.0
01:50 AM - 01:55 AM	49.8	56.3	45.2
01:55 AM - 02:00 AM	50.8	56.5	46.7
02:00 AM - 02:05 AM	51.2	55.8	48.6
02:05 AM - 02:10 AM	50.2	54.4	47.9
02:10 AM - 02:15 AM	50.5	54.6	48.2
02:15 AM - 02:20 AM	51.8	59.0	48.1
02:20 AM - 02:25 AM	49.5	53.8	47.5
02:25 AM - 02:30 AM	48.3	55.0	45.4
02:30 AM - 02:35 AM	49.0	52.4	46.7
02:35 AM - 02:40 AM	49.4	53.8	46.5
02:40 AM - 02:45 AM	48.6	54.7	45.1
02:45 AM - 02:50 AM	49.7	54.4	44.4
02:50 AM - 02:55 AM	48.7	54.1	41.6
02:55 AM - 03:00 AM	44.1	51.7	41.2
03:00 AM - 03:05 AM	45.0	50.9	40.6
03:05 AM - 03:10 AM	45.9	50.8	44.1
03:10 AM - 03:15 AM	47.3	54.5	44.2
03:15 AM - 03:20 AM	46.0	50.9	43.7
03:20 AM - 03:25 AM	46.2	50.0	44.3
03:25 AM - 03:30 AM	48.5	54.4	46.0
03:30 AM - 03:35 AM	46.0	51.8	44.1
03:35 AM - 03:40 AM	46.9	53.7	44.3

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692199-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-9
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 13 - 14, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	46.1	51.3	44.3
03:45 AM - 03:50 AM	44.8	52.1	41.3
03:50 AM - 03:55 AM	45.9	57.7	44.1
03:55 AM - 04:00 AM	45.7	50.6	44.0
04:00 AM - 04:05 AM	44.9	50.9	43.3
04:05 AM - 04:10 AM	45.0	51.4	42.9
04:10 AM - 04:15 AM	45.6	50.9	43.6
04:15 AM - 04:20 AM	44.9	50.4	42.9
04:20 AM - 04:25 AM	44.5	49.6	42.6
04:25 AM - 04:30 AM	45.8	51.5	43.1
04:30 AM - 04:35 AM	46.5	53.0	43.5
04:35 AM - 04:40 AM	45.4	51.3	43.4
04:40 AM - 04:45 AM	47.1	54.0	44.7
04:45 AM - 04:50 AM	45.7	51.2	43.6
04:50 AM - 04:55 AM	45.7	51.8	43.5
04:55 AM - 05:00 AM	46.3	52.3	43.6
05:00 AM - 05:05 AM	48.9	66.5	40.4
05:05 AM - 05:10 AM	43.0	52.8	39.8
05:10 AM - 05:15 AM	42.3	51.1	39.4
05:15 AM - 05:20 AM	43.1	52.1	39.7
05:20 AM - 05:25 AM	43.5	51.8	40.2
05:25 AM - 05:30 AM	43.3	51.9	40.7
05:30 AM - 05:35 AM	43.4	53.3	40.8
05:35 AM - 05:40 AM	44.1	53.5	40.5
05:40 AM - 05:45 AM	46.2	55.6	41.0
05:45 AM - 05:50 AM	47.3	59.4	41.4
05:50 AM - 05:55 AM	62.2	66.4	46.4
05:55 AM - 06:00 AM	59.2	63.3	58.2
06:00 AM - 07:00 AM	49.8	67.5	45.0
07:00 AM - 08:00 AM	51.9	75.1	46.4
08:00 AM - 09:00 AM	51.8	70.7	45.9
09:00 AM - 10:00 AM	50.6	67.5	46.0

Reference Method :

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

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692200-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-10
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 14 - 15, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.1	62.9	44.5
11:00 AM - 12:00 PM	49.9	66.1	45.6
12:00 PM - 01:00 PM	48.2	70.9	41.3
01:00 PM - 02:00 PM	47.7	66.8	43.4
02:00 PM - 03:00 PM	48.9	67.4	42.9
03:00 PM - 04:00 PM	48.8	70.7	42.7
04:00 PM - 05:00 PM	52.0	77.2	42.6
05:00 PM - 06:00 PM	53.7	78.1	44.4
06:00 PM - 07:00 PM	53.8	76.9	45.1
07:00 PM - 08:00 PM	53.6	65.4	50.1
08:00 PM - 09:00 PM	49.8	63.4	47.1
09:00 PM - 10:00 PM	48.1	62.7	45.2
10:00 PM - 10:05 PM	46.6	55.2	43.5
10:05 PM - 10:10 PM	45.2	49.6	43.8
10:10 PM - 10:15 PM	47.6	59.5	43.9
10:15 PM - 10:20 PM	46.2	55.3	44.3
10:20 PM - 10:25 PM	46.9	56.9	44.2
10:25 PM - 10:30 PM	47.9	59.4	43.6
10:30 PM - 10:35 PM	46.2	59.6	42.9
10:35 PM - 10:40 PM	45.6	53.3	42.9
10:40 PM - 10:45 PM	46.2	55.0	43.0
10:45 PM - 10:50 PM	50.8	62.5	45.9
10:50 PM - 10:55 PM	48.2	58.1	46.0
10:55 PM - 11:00 PM	48.2	54.2	46.3
11:00 PM - 11:05 PM	48.2	55.9	45.8
11:05 PM - 11:10 PM	47.5	55.6	45.7
11:10 PM - 11:15 PM	46.4	49.3	45.4
11:15 PM - 11:20 PM	46.4	56.3	45.3
11:20 PM - 11:25 PM	48.5	68.2	45.6
11:25 PM - 11:30 PM	47.6	55.2	45.7
11:30 PM - 11:35 PM	48.5	61.9	45.7
11:35 PM - 11:40 PM	49.6	60.6	46.1
11:40 PM - 11:45 PM	47.5	53.9	45.6
11:45 PM - 11:50 PM	47.5	50.7	46.1
11:50 PM - 11:55 PM	52.2	68.4	47.3
11:55 PM - 12:00 AM	47.6	52.6	45.4
12:00 AM - 12:05 AM	48.5	51.4	47.0
12:05 AM - 12:10 AM	48.4	52.0	46.4
12:10 AM - 12:15 AM	47.3	52.8	45.3
12:15 AM - 12:20 AM	48.2	54.5	46.3

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692200-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-10
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 14 - 15, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	49.1	59.0	47.2
12:25 AM - 12:30 AM	48.6	51.5	47.2
12:30 AM - 12:35 AM	47.5	54.0	45.8
12:35 AM - 12:40 AM	49.7	61.8	46.3
12:40 AM - 12:45 AM	48.8	56.3	47.6
12:45 AM - 12:50 AM	48.9	54.9	47.3
12:50 AM - 12:55 AM	48.4	58.6	45.2
12:55 AM - 01:00 AM	48.2	52.9	45.8
01:00 AM - 01:05 AM	46.1	51.2	44.2
01:05 AM - 01:10 AM	46.4	52.4	44.0
01:10 AM - 01:15 AM	47.3	50.7	45.7
01:15 AM - 01:20 AM	50.6	62.7	45.2
01:20 AM - 01:25 AM	48.8	61.8	43.8
01:25 AM - 01:30 AM	45.8	55.7	42.8
01:30 AM - 01:35 AM	45.9	55.0	43.5
01:35 AM - 01:40 AM	46.9	58.9	42.7
01:40 AM - 01:45 AM	48.0	54.9	43.0
01:45 AM - 01:50 AM	50.1	54.9	44.7
01:50 AM - 01:55 AM	50.3	55.5	45.5
01:55 AM - 02:00 AM	50.9	55.6	46.3
02:00 AM - 02:05 AM	51.0	55.2	45.9
02:05 AM - 02:10 AM	49.9	54.9	44.8
02:10 AM - 02:15 AM	48.9	56.3	46.1
02:15 AM - 02:20 AM	48.2	53.2	45.8
02:20 AM - 02:25 AM	47.7	50.9	45.6
02:25 AM - 02:30 AM	47.8	51.1	45.3
02:30 AM - 02:35 AM	49.0	55.9	45.8
02:35 AM - 02:40 AM	47.6	51.3	45.0
02:40 AM - 02:45 AM	47.4	53.9	44.8
02:45 AM - 02:50 AM	47.4	51.2	45.2
02:50 AM - 02:55 AM	47.3	51.9	45.2
02:55 AM - 03:00 AM	47.0	50.4	43.9
03:00 AM - 03:05 AM	47.5	53.9	43.7
03:05 AM - 03:10 AM	46.5	53.8	43.4
03:10 AM - 03:15 AM	51.4	56.4	43.4
03:15 AM - 03:20 AM	49.6	57.4	44.3
03:20 AM - 03:25 AM	51.2	55.2	46.0
03:25 AM - 03:30 AM	51.5	55.1	45.1
03:30 AM - 03:35 AM	50.5	55.0	43.9
03:35 AM - 03:40 AM	51.6	55.9	47.5

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692200-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-10
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 14 - 15, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	50.6	54.5	44.4
03:45 AM - 03:50 AM	48.2	54.2	41.4
03:50 AM - 03:55 AM	50.0	54.8	43.0
03:55 AM - 04:00 AM	49.4	56.0	42.5
04:00 AM - 04:05 AM	48.2	54.7	41.2
04:05 AM - 04:10 AM	47.4	54.5	41.1
04:10 AM - 04:15 AM	46.3	54.4	41.0
04:15 AM - 04:20 AM	42.7	53.4	40.4
04:20 AM - 04:25 AM	43.3	52.3	39.9
04:25 AM - 04:30 AM	42.2	51.5	39.3
04:30 AM - 04:35 AM	42.3	52.4	39.4
04:35 AM - 04:40 AM	40.9	49.3	39.1
04:40 AM - 04:45 AM	42.1	51.8	39.3
04:45 AM - 04:50 AM	41.5	50.8	39.1
04:50 AM - 04:55 AM	41.3	49.9	39.4
04:55 AM - 05:00 AM	43.7	54.3	39.7
05:00 AM - 05:05 AM	43.0	57.9	39.4
05:05 AM - 05:10 AM	46.4	59.4	39.0
05:10 AM - 05:15 AM	49.9	64.0	39.8
05:15 AM - 05:20 AM	41.5	51.8	38.9
05:20 AM - 05:25 AM	43.1	56.3	39.2
05:25 AM - 05:30 AM	43.7	53.1	38.9
05:30 AM - 05:35 AM	42.2	52.9	38.9
05:35 AM - 05:40 AM	45.3	61.3	39.6
05:40 AM - 05:45 AM	44.7	54.9	39.9
05:45 AM - 05:50 AM	46.2	59.9	41.0
05:50 AM - 05:55 AM	56.2	62.3	42.4
05:55 AM - 06:00 AM	54.4	62.9	47.5
06:00 AM - 07:00 AM	51.6	79.8	43.5
07:00 AM - 08:00 AM	55.1	84.4	43.2
08:00 AM - 09:00 AM	51.7	79.6	43.8
09:00 AM - 10:00 AM	50.8	79.6	42.7

Reference Method :

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

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692201-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-11
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 15 - 16, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.4	73.3	41.6
11:00 AM - 12:00 PM	50.2	69.3	42.6
12:00 PM - 01:00 PM	51.0	77.0	41.9
01:00 PM - 02:00 PM	49.7	75.7	42.8
02:00 PM - 03:00 PM	48.2	68.9	40.9
03:00 PM - 04:00 PM	50.2	72.1	41.5
04:00 PM - 05:00 PM	50.1	70.0	42.0
05:00 PM - 06:00 PM	51.5	74.9	44.5
06:00 PM - 07:00 PM	50.4	78.0	45.3
07:00 PM - 08:00 PM	57.6	71.1	53.9
08:00 PM - 09:00 PM	49.4	60.8	45.9
09:00 PM - 10:00 PM	48.0	62.1	45.2
10:00 PM - 10:05 PM	48.7	61.0	44.5
10:05 PM - 10:10 PM	47.7	61.4	44.5
10:10 PM - 10:15 PM	45.1	50.7	43.6
10:15 PM - 10:20 PM	46.2	57.4	43.5
10:20 PM - 10:25 PM	44.6	51.2	43.4
10:25 PM - 10:30 PM	46.3	55.1	44.1
10:30 PM - 10:35 PM	45.3	54.3	43.2
10:35 PM - 10:40 PM	45.9	53.6	43.7
10:40 PM - 10:45 PM	45.1	53.0	43.1
10:45 PM - 10:50 PM	47.3	61.8	43.3
10:50 PM - 10:55 PM	47.3	57.6	43.3
10:55 PM - 11:00 PM	46.5	60.0	42.8
11:00 PM - 11:05 PM	45.2	51.9	42.5
11:05 PM - 11:10 PM	46.0	53.5	43.2
11:10 PM - 11:15 PM	46.1	52.7	43.6
11:15 PM - 11:20 PM	45.1	53.3	42.7
11:20 PM - 11:25 PM	44.7	51.5	42.6
11:25 PM - 11:30 PM	45.2	53.2	42.8
11:30 PM - 11:35 PM	45.9	55.4	43.2
11:35 PM - 11:40 PM	47.4	62.4	43.6
11:40 PM - 11:45 PM	45.7	52.5	43.3
11:45 PM - 11:50 PM	46.9	54.4	43.8
11:50 PM - 11:55 PM	45.3	51.8	43.1
11:55 PM - 12:00 AM	52.2	72.6	43.2
12:00 AM - 12:05 AM	47.2	58.8	43.3
12:05 AM - 12:10 AM	49.1	65.0	43.7
12:10 AM - 12:15 AM	48.7	58.2	43.9
12:15 AM - 12:20 AM	47.8	55.5	43.7

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692201-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-11
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 15 - 16, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	47.6	57.6	43.9
12:25 AM - 12:30 AM	48.6	56.2	44.1
12:30 AM - 12:35 AM	47.0	56.7	43.9
12:35 AM - 12:40 AM	47.2	51.1	43.9
12:40 AM - 12:45 AM	46.9	53.3	42.8
12:45 AM - 12:50 AM	46.9	54.2	43.4
12:50 AM - 12:55 AM	47.4	51.8	44.0
12:55 AM - 01:00 AM	47.1	51.0	43.8
01:00 AM - 01:05 AM	48.5	56.5	44.2
01:05 AM - 01:10 AM	48.5	57.3	45.5
01:10 AM - 01:15 AM	46.2	57.1	42.2
01:15 AM - 01:20 AM	46.5	51.9	43.3
01:20 AM - 01:25 AM	48.0	58.0	45.0
01:25 AM - 01:30 AM	47.2	53.4	44.3
01:30 AM - 01:35 AM	47.9	65.0	45.2
01:35 AM - 01:40 AM	47.5	51.3	45.2
01:40 AM - 01:45 AM	47.5	51.2	45.2
01:45 AM - 01:50 AM	46.7	57.1	43.5
01:50 AM - 01:55 AM	47.7	57.6	44.4
01:55 AM - 02:00 AM	46.6	58.5	43.7
02:00 AM - 02:05 AM	46.7	52.4	43.8
02:05 AM - 02:10 AM	49.5	61.8	45.7
02:10 AM - 02:15 AM	47.7	53.6	44.3
02:15 AM - 02:20 AM	46.0	50.4	42.6
02:20 AM - 02:25 AM	46.3	50.4	43.3
02:25 AM - 02:30 AM	46.9	60.7	43.2
02:30 AM - 02:35 AM	48.2	62.7	44.5
02:35 AM - 02:40 AM	47.1	57.4	44.2
02:40 AM - 02:45 AM	46.9	51.9	44.1
02:45 AM - 02:50 AM	46.8	51.7	44.1
02:50 AM - 02:55 AM	46.9	53.6	43.5
02:55 AM - 03:00 AM	47.0	50.6	43.9
03:00 AM - 03:05 AM	46.8	49.9	43.7
03:05 AM - 03:10 AM	48.2	52.0	43.9
03:10 AM - 03:15 AM	47.6	52.6	42.7
03:15 AM - 03:20 AM	46.6	61.6	42.2
03:20 AM - 03:25 AM	45.1	52.8	43.0
03:25 AM - 03:30 AM	45.3	50.9	43.1
03:30 AM - 03:35 AM	46.2	50.6	43.1
03:35 AM - 03:40 AM	46.3	50.4	43.1

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692201-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-11
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 15 - 16, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	46.1	52.8	42.6
03:45 AM - 03:50 AM	46.4	50.9	43.4
03:50 AM - 03:55 AM	47.7	53.6	43.8
03:55 AM - 04:00 AM	46.7	51.4	43.2
04:00 AM - 04:05 AM	47.6	52.1	43.9
04:05 AM - 04:10 AM	44.2	52.1	40.5
04:10 AM - 04:15 AM	43.8	52.9	41.3
04:15 AM - 04:20 AM	46.0	53.6	41.3
04:20 AM - 04:25 AM	46.2	53.9	41.6
04:25 AM - 04:30 AM	44.4	51.6	40.3
04:30 AM - 04:35 AM	44.6	51.7	40.0
04:35 AM - 04:40 AM	42.5	50.9	39.5
04:40 AM - 04:45 AM	43.4	53.2	39.2
04:45 AM - 04:50 AM	41.6	54.2	39.1
04:50 AM - 04:55 AM	40.4	48.3	39.1
04:55 AM - 05:00 AM	40.9	52.1	38.8
05:00 AM - 05:05 AM	43.2	52.0	40.6
05:05 AM - 05:10 AM	48.1	66.7	40.8
05:10 AM - 05:15 AM	42.3	52.0	39.5
05:15 AM - 05:20 AM	43.0	52.5	39.0
05:20 AM - 05:25 AM	42.8	50.7	39.5
05:25 AM - 05:30 AM	42.5	51.6	40.0
05:30 AM - 05:35 AM	43.7	55.9	40.1
05:35 AM - 05:40 AM	44.2	54.0	40.5
05:40 AM - 05:45 AM	44.6	54.5	40.6
05:45 AM - 05:50 AM	45.9	58.9	41.0
05:50 AM - 05:55 AM	56.3	65.6	43.6
05:55 AM - 06:00 AM	60.7	67.7	53.7
06:00 AM - 07:00 AM	52.8	80.1	43.2
07:00 AM - 08:00 AM	50.5	70.1	43.4
08:00 AM - 09:00 AM	50.6	80.0	42.3
09:00 AM - 10:00 AM	47.7	67.6	42.1

Reference Method :

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

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692202-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-12
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 16 - 17, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	47.5	70.1	41.8
11:00 AM - 12:00 PM	47.4	60.9	42.2
12:00 PM - 01:00 PM	49.0	75.0	42.3
01:00 PM - 02:00 PM	51.2	83.5	43.9
02:00 PM - 03:00 PM	50.2	72.5	43.0
03:00 PM - 04:00 PM	55.1	82.5	42.9
04:00 PM - 05:00 PM	50.7	79.4	43.0
05:00 PM - 06:00 PM	51.1	71.5	44.1
06:00 PM - 07:00 PM	55.8	81.9	44.9
07:00 PM - 08:00 PM	51.4	65.2	46.4
08:00 PM - 09:00 PM	49.2	63.9	46.4
09:00 PM - 10:00 PM	48.6	61.5	45.4
10:00 PM - 10:05 PM	49.6	57.1	46.0
10:05 PM - 10:10 PM	50.2	57.2	46.1
10:10 PM - 10:15 PM	49.9	64.1	44.8
10:15 PM - 10:20 PM	50.4	58.9	46.5
10:20 PM - 10:25 PM	49.7	57.2	44.7
10:25 PM - 10:30 PM	49.5	60.6	43.9
10:30 PM - 10:35 PM	46.0	55.0	43.2
10:35 PM - 10:40 PM	45.4	54.6	43.1
10:40 PM - 10:45 PM	45.4	52.5	43.1
10:45 PM - 10:50 PM	46.1	53.6	43.4
10:50 PM - 10:55 PM	46.7	55.2	43.6
10:55 PM - 11:00 PM	48.8	55.5	46.8
11:00 PM - 11:05 PM	47.0	54.1	43.1
11:05 PM - 11:10 PM	45.4	52.5	43.3
11:10 PM - 11:15 PM	44.1	50.3	42.6
11:15 PM - 11:20 PM	44.6	52.0	42.9
11:20 PM - 11:25 PM	45.8	53.3	43.3
11:25 PM - 11:30 PM	46.1	52.6	43.1
11:30 PM - 11:35 PM	44.9	51.0	43.3
11:35 PM - 11:40 PM	46.8	54.9	44.2
11:40 PM - 11:45 PM	47.8	54.4	44.9
11:45 PM - 11:50 PM	47.8	54.0	44.6
11:50 PM - 11:55 PM	47.4	53.1	44.0
11:55 PM - 12:00 AM	50.9	55.7	46.0
12:00 AM - 12:05 AM	48.3	55.6	44.8
12:05 AM - 12:10 AM	47.8	55.4	44.4
12:10 AM - 12:15 AM	49.9	56.4	44.7
12:15 AM - 12:20 AM	54.3	62.3	51.5

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692202-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-12
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 16 - 17, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	54.1	68.1	50.2
12:25 AM - 12:30 AM	53.5	56.6	50.5
12:30 AM - 12:35 AM	52.3	59.7	45.5
12:35 AM - 12:40 AM	55.3	70.6	51.3
12:40 AM - 12:45 AM	54.3	64.5	51.4
12:45 AM - 12:50 AM	53.7	57.9	50.6
12:50 AM - 12:55 AM	53.4	57.4	50.1
12:55 AM - 01:00 AM	53.0	57.5	48.4
01:00 AM - 01:05 AM	52.8	56.5	49.4
01:05 AM - 01:10 AM	51.3	56.2	45.4
01:10 AM - 01:15 AM	51.5	63.2	45.2
01:15 AM - 01:20 AM	50.9	55.7	45.4
01:20 AM - 01:25 AM	51.3	56.1	45.9
01:25 AM - 01:30 AM	48.8	56.6	43.6
01:30 AM - 01:35 AM	45.0	56.8	42.8
01:35 AM - 01:40 AM	49.0	57.4	44.6
01:40 AM - 01:45 AM	48.5	56.2	44.5
01:45 AM - 01:50 AM	49.7	57.3	44.1
01:50 AM - 01:55 AM	47.8	56.2	43.5
01:55 AM - 02:00 AM	50.4	56.6	43.8
02:00 AM - 02:05 AM	49.2	54.6	44.2
02:05 AM - 02:10 AM	48.7	54.3	43.4
02:10 AM - 02:15 AM	49.6	55.5	44.6
02:15 AM - 02:20 AM	47.5	53.7	43.0
02:20 AM - 02:25 AM	48.6	56.1	42.7
02:25 AM - 02:30 AM	43.5	56.3	41.5
02:30 AM - 02:35 AM	44.1	57.0	40.9
02:35 AM - 02:40 AM	46.4	54.7	41.3
02:40 AM - 02:45 AM	44.7	54.2	41.6
02:45 AM - 02:50 AM	46.3	55.6	41.8
02:50 AM - 02:55 AM	44.7	61.6	41.2
02:55 AM - 03:00 AM	44.5	51.9	40.9
03:00 AM - 03:05 AM	46.2	53.7	41.8
03:05 AM - 03:10 AM	46.3	52.3	41.5
03:10 AM - 03:15 AM	47.6	51.9	43.0
03:15 AM - 03:20 AM	46.1	58.7	41.2
03:20 AM - 03:25 AM	44.8	49.7	42.6
03:25 AM - 03:30 AM	44.1	48.3	42.1
03:30 AM - 03:35 AM	45.5	54.7	43.0
03:35 AM - 03:40 AM	45.8	51.0	43.3

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692202-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-12
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 16 - 17, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	45.6	49.5	43.1
03:45 AM - 03:50 AM	45.8	51.9	43.3
03:50 AM - 03:55 AM	44.5	51.4	41.0
03:55 AM - 04:00 AM	44.2	50.1	41.3
04:00 AM - 04:05 AM	44.7	51.4	41.4
04:05 AM - 04:10 AM	43.1	49.4	40.2
04:10 AM - 04:15 AM	42.7	49.6	40.7
04:15 AM - 04:20 AM	44.8	55.1	41.3
04:20 AM - 04:25 AM	43.1	49.2	40.7
04:25 AM - 04:30 AM	45.0	52.9	41.3
04:30 AM - 04:35 AM	47.4	53.6	42.3
04:35 AM - 04:40 AM	48.0	54.4	42.9
04:40 AM - 04:45 AM	49.0	54.1	43.2
04:45 AM - 04:50 AM	43.4	52.1	40.9
04:50 AM - 04:55 AM	43.1	52.3	40.6
04:55 AM - 05:00 AM	42.5	50.9	39.9
05:00 AM - 05:05 AM	42.2	50.8	39.4
05:05 AM - 05:10 AM	42.1	51.1	39.7
05:10 AM - 05:15 AM	42.4	51.3	39.8
05:15 AM - 05:20 AM	42.4	52.9	39.7
05:20 AM - 05:25 AM	42.8	51.3	39.9
05:25 AM - 05:30 AM	43.4	54.1	40.0
05:30 AM - 05:35 AM	43.2	55.7	40.6
05:35 AM - 05:40 AM	43.8	56.5	40.2
05:40 AM - 05:45 AM	43.5	53.8	40.9
05:45 AM - 05:50 AM	49.3	70.5	41.6
05:50 AM - 05:55 AM	53.2	61.5	41.5
05:55 AM - 06:00 AM	54.1	60.0	44.9
06:00 AM - 07:00 AM	52.2	75.7	44.1
07:00 AM - 08:00 AM	52.0	75.1	43.2
08:00 AM - 09:00 AM	50.5	68.6	43.0
09:00 AM - 10:00 AM	49.9	70.1	42.6

Reference Method :

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

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Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692203-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-13
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 17 - 18, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	49.5	69.0	42.1
11:00 AM - 12:00 PM	49.4	72.7	43.4
12:00 PM - 01:00 PM	49.0	70.1	43.4
01:00 PM - 02:00 PM	50.3	67.2	44.9
02:00 PM - 03:00 PM	51.7	74.5	45.1
03:00 PM - 04:00 PM	50.7	69.0	45.0
04:00 PM - 05:00 PM	52.2	73.0	44.9
05:00 PM - 06:00 PM	50.9	68.1	45.1
06:00 PM - 07:00 PM	50.7	70.4	45.4
07:00 PM - 08:00 PM	50.3	72.7	45.2
08:00 PM - 09:00 PM	48.4	68.0	45.3
09:00 PM - 10:00 PM	49.0	73.9	44.9
10:00 PM - 10:05 PM	52.6	77.8	45.3
10:05 PM - 10:10 PM	47.7	61.1	44.8
10:10 PM - 10:15 PM	51.7	70.1	44.6
10:15 PM - 10:20 PM	48.9	57.0	44.5
10:20 PM - 10:25 PM	49.3	58.0	45.8
10:25 PM - 10:30 PM	49.7	63.0	45.5
10:30 PM - 10:35 PM	49.5	57.7	45.3
10:35 PM - 10:40 PM	50.1	57.7	45.6
10:40 PM - 10:45 PM	49.6	63.6	44.8
10:45 PM - 10:50 PM	48.1	57.0	44.4
10:50 PM - 10:55 PM	49.3	59.2	45.2
10:55 PM - 11:00 PM	47.3	58.6	44.5
11:00 PM - 11:05 PM	47.4	55.6	43.4
11:05 PM - 11:10 PM	46.5	54.8	44.3
11:10 PM - 11:15 PM	48.2	57.3	45.0
11:15 PM - 11:20 PM	47.9	57.9	46.3
11:20 PM - 11:25 PM	47.9	59.1	46.2
11:25 PM - 11:30 PM	48.9	55.9	46.1
11:30 PM - 11:35 PM	47.4	54.6	44.3
11:35 PM - 11:40 PM	48.0	54.5	44.7
11:40 PM - 11:45 PM	47.7	55.9	45.4
11:45 PM - 11:50 PM	49.0	55.9	47.0
11:50 PM - 11:55 PM	49.2	55.7	47.4
11:55 PM - 12:00 AM	49.3	64.9	46.9
12:00 AM - 12:05 AM	47.8	56.0	44.8
12:05 AM - 12:10 AM	46.9	54.0	44.1
12:10 AM - 12:15 AM	46.9	54.8	44.1
12:15 AM - 12:20 AM	47.4	54.9	45.2

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Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692203-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-13
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 17 - 18, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	47.2	53.5	45.5
12:25 AM - 12:30 AM	48.4	59.5	46.6
12:30 AM - 12:35 AM	48.8	56.0	47.4
12:35 AM - 12:40 AM	49.0	53.2	48.0
12:40 AM - 12:45 AM	49.3	65.5	46.1
12:45 AM - 12:50 AM	47.1	52.6	46.0
12:50 AM - 12:55 AM	46.8	51.7	45.9
12:55 AM - 01:00 AM	46.0	57.2	44.6
01:00 AM - 01:05 AM	44.6	49.9	43.6
01:05 AM - 01:10 AM	45.7	53.1	44.2
01:10 AM - 01:15 AM	45.6	54.8	43.7
01:15 AM - 01:20 AM	46.5	53.5	43.8
01:20 AM - 01:25 AM	44.9	51.6	43.1
01:25 AM - 01:30 AM	45.0	52.9	43.3
01:30 AM - 01:35 AM	45.0	53.9	43.1
01:35 AM - 01:40 AM	44.7	51.6	43.3
01:40 AM - 01:45 AM	45.6	55.3	43.4
01:45 AM - 01:50 AM	45.2	54.2	43.3
01:50 AM - 01:55 AM	44.5	49.8	43.5
01:55 AM - 02:00 AM	44.4	50.5	43.6
02:00 AM - 02:05 AM	44.7	50.7	43.5
02:05 AM - 02:10 AM	44.9	51.7	43.8
02:10 AM - 02:15 AM	45.1	53.2	43.0
02:15 AM - 02:20 AM	43.9	50.6	42.3
02:20 AM - 02:25 AM	43.0	49.8	41.5
02:25 AM - 02:30 AM	42.0	52.4	40.8
02:30 AM - 02:35 AM	41.4	49.1	40.4
02:35 AM - 02:40 AM	42.2	50.1	40.4
02:40 AM - 02:45 AM	44.8	55.0	42.3
02:45 AM - 02:50 AM	43.0	50.1	41.7
02:50 AM - 02:55 AM	43.1	49.2	42.0
02:55 AM - 03:00 AM	44.2	49.9	42.6
03:00 AM - 03:05 AM	43.0	45.8	42.1
03:05 AM - 03:10 AM	43.6	48.8	42.6
03:10 AM - 03:15 AM	44.3	51.3	42.9
03:15 AM - 03:20 AM	43.9	51.3	41.8
03:20 AM - 03:25 AM	42.9	50.1	41.5
03:25 AM - 03:30 AM	43.1	50.5	41.3
03:30 AM - 03:35 AM	45.3	61.3	41.0
03:35 AM - 03:40 AM	43.4	50.4	41.7

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692203-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-13
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 17 - 18, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	43.6	51.8	41.9
03:45 AM - 03:50 AM	44.7	52.6	42.4
03:50 AM - 03:55 AM	43.9	52.2	42.0
03:55 AM - 04:00 AM	44.0	50.3	41.9
04:00 AM - 04:05 AM	43.4	50.6	42.1
04:05 AM - 04:10 AM	46.4	58.6	44.4
04:10 AM - 04:15 AM	47.4	53.5	46.1
04:15 AM - 04:20 AM	46.2	52.5	45.5
04:20 AM - 04:25 AM	46.4	56.8	45.1
04:25 AM - 04:30 AM	45.7	52.2	44.6
04:30 AM - 04:35 AM	47.4	62.8	44.6
04:35 AM - 04:40 AM	45.4	51.6	44.5
04:40 AM - 04:45 AM	46.9	55.7	44.3
04:45 AM - 04:50 AM	45.7	52.5	44.2
04:50 AM - 04:55 AM	47.0	61.1	44.1
04:55 AM - 05:00 AM	44.9	53.1	43.4
05:00 AM - 05:05 AM	44.2	50.0	43.3
05:05 AM - 05:10 AM	45.4	51.6	43.9
05:10 AM - 05:15 AM	46.5	57.3	44.2
05:15 AM - 05:20 AM	46.8	54.7	45.6
05:20 AM - 05:25 AM	47.1	53.6	45.9
05:25 AM - 05:30 AM	47.0	54.1	46.0
05:30 AM - 05:35 AM	47.9	54.3	46.9
05:35 AM - 05:40 AM	48.4	54.4	47.3
05:40 AM - 05:45 AM	48.3	54.3	47.0
05:45 AM - 05:50 AM	48.2	60.1	46.5
05:50 AM - 05:55 AM	47.9	53.9	46.3
05:55 AM - 06:00 AM	49.2	60.3	46.8
06:00 AM - 07:00 AM	49.3	68.8	45.9
07:00 AM - 08:00 AM	49.7	68.7	45.4
08:00 AM - 09:00 AM	51.8	70.0	45.4
09:00 AM - 10:00 AM	51.7	75.6	44.2

Reference Method :

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

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692204-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 3

Sample No. 2367140-14
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 18 - 19, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	52.1	75.3	43.1
11:00 AM - 12:00 PM	51.9	82.5	44.4
12:00 PM - 01:00 PM	54.8	81.3	48.6
01:00 PM - 02:00 PM	53.7	66.5	47.6
02:00 PM - 03:00 PM	52.4	67.2	47.0
03:00 PM - 04:00 PM	54.0	74.3	47.5
04:00 PM - 05:00 PM	54.0	73.5	47.9
05:00 PM - 06:00 PM	53.4	72.9	47.1
06:00 PM - 07:00 PM	51.3	64.9	45.6
07:00 PM - 08:00 PM	52.5	69.4	47.3
08:00 PM - 09:00 PM	51.1	70.0	45.0
09:00 PM - 10:00 PM	48.9	67.3	44.8
10:00 PM - 10:05 PM	46.7	56.6	42.6
10:05 PM - 10:10 PM	48.4	60.4	43.3
10:10 PM - 10:15 PM	47.9	57.8	44.4
10:15 PM - 10:20 PM	46.7	56.9	43.6
10:20 PM - 10:25 PM	48.2	57.3	43.5
10:25 PM - 10:30 PM	47.5	58.3	43.7
10:30 PM - 10:35 PM	50.1	66.4	45.3
10:35 PM - 10:40 PM	49.6	56.3	46.7
10:40 PM - 10:45 PM	48.1	53.8	45.7
10:45 PM - 10:50 PM	47.8	53.1	44.1
10:50 PM - 10:55 PM	47.9	59.4	43.3
10:55 PM - 11:00 PM	50.1	59.2	46.2
11:00 PM - 11:05 PM	49.8	56.5	47.1
11:05 PM - 11:10 PM	49.4	55.4	46.5
11:10 PM - 11:15 PM	49.2	58.3	45.6
11:15 PM - 11:20 PM	49.5	57.0	45.5
11:20 PM - 11:25 PM	48.7	55.4	45.0
11:25 PM - 11:30 PM	47.8	53.8	43.7
11:30 PM - 11:35 PM	46.3	55.8	41.0
11:35 PM - 11:40 PM	44.8	54.2	41.5
11:40 PM - 11:45 PM	48.4	63.6	42.1
11:45 PM - 11:50 PM	47.0	54.1	43.1
11:50 PM - 11:55 PM	46.9	54.9	43.2
11:55 PM - 12:00 AM	49.0	59.8	45.5
12:00 AM - 12:05 AM	46.0	53.5	43.6
12:05 AM - 12:10 AM	45.7	49.8	43.8
12:10 AM - 12:15 AM	45.4	51.9	44.1
12:15 AM - 12:20 AM	46.8	55.3	44.7

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Approved by

Wilawan Borirak
Manager

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692204-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 2 of 3

Sample No. 2367140-14
Parameter Noise
Location บ้านก้นหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 18 - 19, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:20 AM - 12:25 AM	47.0	52.6	45.7
12:25 AM - 12:30 AM	47.2	52.2	45.6
12:30 AM - 12:35 AM	47.7	51.2	46.8
12:35 AM - 12:40 AM	50.1	60.5	47.3
12:40 AM - 12:45 AM	49.9	55.1	47.4
12:45 AM - 12:50 AM	50.2	55.1	47.8
12:50 AM - 12:55 AM	48.1	55.5	45.2
12:55 AM - 01:00 AM	49.0	55.0	46.9
01:00 AM - 01:05 AM	48.6	52.1	46.2
01:05 AM - 01:10 AM	48.4	52.1	45.7
01:10 AM - 01:15 AM	48.0	56.6	45.3
01:15 AM - 01:20 AM	47.3	51.1	45.0
01:20 AM - 01:25 AM	46.3	53.6	44.5
01:25 AM - 01:30 AM	46.8	51.9	43.7
01:30 AM - 01:35 AM	47.5	54.2	44.7
01:35 AM - 01:40 AM	46.1	59.1	42.8
01:40 AM - 01:45 AM	45.0	49.6	43.8
01:45 AM - 01:50 AM	45.1	52.7	43.8
01:50 AM - 01:55 AM	44.7	51.9	43.2
01:55 AM - 02:00 AM	45.7	56.1	43.5
02:00 AM - 02:05 AM	45.7	55.1	44.1
02:05 AM - 02:10 AM	45.3	54.8	42.5
02:10 AM - 02:15 AM	49.5	55.4	44.5
02:15 AM - 02:20 AM	47.4	53.6	42.9
02:20 AM - 02:25 AM	48.5	56.0	42.6
02:25 AM - 02:30 AM	43.4	56.2	41.4
02:30 AM - 02:35 AM	44.0	56.9	40.8
02:35 AM - 02:40 AM	46.3	54.6	41.2
02:40 AM - 02:45 AM	44.6	54.1	41.5
02:45 AM - 02:50 AM	46.2	55.5	41.7
02:50 AM - 02:55 AM	44.6	61.5	41.1
02:55 AM - 03:00 AM	44.4	51.8	40.8
03:00 AM - 03:05 AM	46.1	53.6	41.7
03:05 AM - 03:10 AM	46.2	52.2	41.4
03:10 AM - 03:15 AM	47.5	51.8	42.9
03:15 AM - 03:20 AM	46.0	58.6	41.1
03:20 AM - 03:25 AM	44.7	49.6	42.5
03:25 AM - 03:30 AM	44.0	48.2	42.0
03:30 AM - 03:35 AM	45.4	54.6	42.9
03:35 AM - 03:40 AM	45.7	50.9	43.2

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Approved by

Wilawan Borirak
Manager



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang
Rayong Thailand 21000

Lot ID: 2367140
Date Received : Jun 20, 2023
Date Reported : Jun 26, 2023
Report No. : 2692204-1

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 3 of 3

Sample No. 2367140-14
Parameter Noise
Location บ้านกันหนอง หมู่ที่ 2 ตำบลบ้านแลง (GPS 47P 0754297, 1403615) (Shut down)
Measurement Date Jun 18 - 19, 2023
Measurement by Satcha Phetsawaeng
Sound Level Meter 00572561

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:40 AM - 03:45 AM	45.5	49.4	43.0
03:45 AM - 03:50 AM	45.7	51.8	43.2
03:50 AM - 03:55 AM	44.4	51.3	40.9
03:55 AM - 04:00 AM	44.1	50.0	41.2
04:00 AM - 04:05 AM	44.6	51.3	41.3
04:05 AM - 04:10 AM	43.0	49.3	40.1
04:10 AM - 04:15 AM	42.6	49.5	40.6
04:15 AM - 04:20 AM	44.7	55.0	41.2
04:20 AM - 04:25 AM	43.0	49.1	40.6
04:25 AM - 04:30 AM	44.9	52.8	41.2
04:30 AM - 04:35 AM	47.3	53.5	42.2
04:35 AM - 04:40 AM	47.9	54.3	42.8
04:40 AM - 04:45 AM	48.9	54.0	43.1
04:45 AM - 04:50 AM	43.3	52.0	40.8
04:50 AM - 04:55 AM	43.0	52.2	40.5
04:55 AM - 05:00 AM	42.4	50.8	39.8
05:00 AM - 05:05 AM	42.1	50.7	39.3
05:05 AM - 05:10 AM	42.0	51.0	39.6
05:10 AM - 05:15 AM	42.3	51.2	39.7
05:15 AM - 05:20 AM	42.3	52.8	39.6
05:20 AM - 05:25 AM	42.7	51.2	39.8
05:25 AM - 05:30 AM	43.3	54.0	39.9
05:30 AM - 05:35 AM	43.1	55.6	40.5
05:35 AM - 05:40 AM	43.7	56.4	40.1
05:40 AM - 05:45 AM	43.4	53.7	40.8
05:45 AM - 05:50 AM	49.2	70.4	41.5
05:50 AM - 05:55 AM	53.1	61.4	41.4
05:55 AM - 06:00 AM	54.0	59.9	44.8
06:00 AM - 07:00 AM	52.1	75.6	44.0
07:00 AM - 08:00 AM	51.9	75.0	43.1
08:00 AM - 09:00 AM	50.4	68.5	42.9
09:00 AM - 10:00 AM	49.8	70.0	42.5

Reference Method :

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

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Approved by

Wilawan Borirak
Manager

ภาคผนวก ค-6

คุณภาพน้ำทิ้ง



Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 236251

Date Received : Jan 26, 2023

Date Reported : Feb 02, 2023

Report Number : 2546667-1

Page 1 of 2

Sample Number	236251-1
Sampled Date	Jan 26, 2023 2:05 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Jan 26, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	<25	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	22	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	21	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Temperature *	Degree C	-	-	33.1	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	568	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

Lot ID: 236251

Date Received : Jan 26, 2023

Date Reported : Feb 02, 2023

Report Number : 2546667-1

P/O :

Project Name : EIA Monitoring

Project Location :

Page 2 of 2

Sample Number	236251-1
Sampled Date	Jan 26, 2023 2:05 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Jan 26, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236251

Date Received : Jan 26, 2023

Date Reported : Feb 02, 2023

Report Number : 2546667-2

Page 1 of 1

Sample Number	236251-1
Sampled Date	Jan 26, 2023 2:05 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Jan 26, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.052	No Standard	Flow meter	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Narunat thammassaro

Remark :

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

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Approved by

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

Lot ID: 236946

Date Received : Feb 15, 2023

Date Reported : Feb 22, 2023

Report Number : 2547602-1

P/O :

Project Name : EIA Monitoring

Project Location :

Page 1 of 2

Sample Number	236946-1
Sampled Date	Feb 15, 2023 2:10 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Feb 15, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	<2.0	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	43	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	17	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	17	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *		-	-	8.1	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Temperature *	Degree C	-	-	31.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1076	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Technical Management

N. Banongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

Lot ID: 236946

Date Received : Feb 15, 2023

Date Reported : Feb 22, 2023

Report Number : 2547602-1

P/O :

Project Name : EIA Monitoring

Project Location :

Page 2 of 2

Sample Number	236946-1
Sampled Date	Feb 15, 2023 2:10 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Feb 15, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	6	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236946

Date Received : Feb 15, 2023

Date Reported : Feb 22, 2023

Report Number : 2547602-2

Page 1 of 1

Sample Number	236946-1
Sampled Date	Feb 15, 2023 2:10 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Feb 15, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.054	No Standard	Flow meter	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Tanasit Wongsachai

Remark :

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

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2322488

Date Received : Mar 13, 2023

Date Reported : Mar 20, 2023

Report Number : 2579612-1

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 2

Sample Number	2322488-1
Sampled Date	Mar 13, 2023 1:40 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Mar 13, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	2.3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	33	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	18	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	17	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *		-	-	8.2	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	872	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2322488

Date Received : Mar 13, 2023

Date Reported : Mar 20, 2023

Report Number : 2579612-1

Page 2 of 2

Sample Number 2322488-1
Sampled Date Mar 13, 2023 1:40 PM
Sample Description Wastewater
Location บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced Mar 13, 2023
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Pathompong Kornawat ทะเบียนเลขที่ ว-323-จ-9468

Remark :

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

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2322488

Date Received : Mar 13, 2023

Date Reported : Mar 20, 2023

Report Number : 2579612-2

Page 1 of 1

Sample Number	2322488-1
Sampled Date	Mar 13, 2023 1:40 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Mar 13, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.052	No Standard	Flow meter	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Pathompong Kornawat

Remark :

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

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2336260

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2609742-1

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 2

Sample Number	2336260-1
Sampled Date	Apr 18, 2023 1:55 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Apr 18, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	6.7	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	50	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	20	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	18	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *		-	-	7.8	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Temperature *	Degree C	-	-	34.7	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	968	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Technical Management

N. Banongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2336260

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2609742-1

Page 2 of 2

Sample Number 2336260-1
Sampled Date Apr 18, 2023 1:55 PM
Sample Description Wastewater
Location บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced Apr 18, 2023
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	11	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

Technical Management

N. Banchongkit

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2336260

Date Received : Apr 18, 2023

Date Reported : Apr 25, 2023

Report Number : 2609742-2

Page 1 of 1

Sample Number 2336260-1
Sampled Date Apr 18, 2023 1:55 PM
Sample Description Wastewater
Location บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced Apr 18, 2023
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.053	No Standard	Flow meter	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Tanasit Wongsachai

Remark :

- LOD : Limit of Detection
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Narumon Banchongkit
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Analysis / Test Report

TESTING

No.0042

Lot ID: 2347273

Date Received : May 15, 2023

Date Reported : May 22, 2023

Report Number : 2634456-1

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Page 1 of 2

Sample Number	2347273-1
Sampled Date	May 15, 2023 2:48 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	May 15, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	4.9	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B	Rayong
COD	mg/L	1.5	25	43	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	23	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	23	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	<3	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *		-	-	8.0	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Temperature *	Degree C	-	-	31.8	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1180	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING
No.0042

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2347273
Date Received : May 15, 2023
Date Reported : May 22, 2023
Report Number : 2634456-1

Page 2 of 2

Sample Number 2347273-1
Sampled Date May 15, 2023 2:48 PM
Sample Description Wastewater
Location บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced May 15, 2023
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	7	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Tanasit Wongsachai ทะเบียนเลขที่ ว-323-จ-9460

Remark :

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

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O : 3020051275

Project Name : EIA Monitoring

Project Location :

Lot ID: 2347273

Date Received : May 15, 2023

Date Reported : May 22, 2023

Report Number : 2634456-2

Page 1 of 1

Sample Number	2347273-1
Sampled Date	May 15, 2023 2:48 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	May 15, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.052	No Standard	Flow meter	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Tanasit Wongsachai

Remark :

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

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Approved by

Narumon Banchongkit
Supervisor

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2374779

Date Received : Jun 30, 2023

Date Reported : Jul 06, 2023

Report Number : 2698588-1

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :

Project Name : EIA Monitoring

Project Location :

Page 1 of 2

Sample Number	2374779-1
Sampled Date	Jun 30, 2023 1:50 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Jun 30, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
BOD (5 days at 20 Degree C)	mg/L	-	2.0	3.3	≤20	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5210 B, part 4500 - O G	Rayong
COD	mg/L	1.5	25	37	≤120	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5220 D	Rayong
Color (at Original pH)	ADMI	-	5	25	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Color (at pH 7.0)	ADMI	-	5	25	≤300	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2120 F	Rayong
Oil & Grease *	mg/L	-	3	5	≤5	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 5520 B	Rayong
pH at 25 degree C *		-	-	7.9	5.5-9.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H (B)	Rayong
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1.0	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 4500-Cl (F)	Rayong
Temperature *	Degree C	-	-	34.3	≤40	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2550 B	Rayong
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	1048	≤1200	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 C	Rayong

Technical Management

N. Banchongkit

Narumon Banchongkit

Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon

Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Analysis / Test Report

TESTING

No.0042

Lot ID: 2374779

Date Received : Jun 30, 2023

Date Reported : Jul 06, 2023

Report Number : 2698588-1

Client : IRPC Clean Power Company Limited

299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :

Project Name : EIA Monitoring

Project Location :

Page 2 of 2

Sample Number	2374779-1
Sampled Date	Jun 30, 2023 1:50 PM
Sample Description	Wastewater
Location	บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced	Jun 30, 2023
Condition of Sample	Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	<5	≤50	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Narunat thammassaro ทะเบียนเลขที่ ว-323-จ-9477

Remark :

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

Technical Management

N. Banchongkit

Narumon Banchongkit
Supervisor

ทะเบียนเลขที่ ว-323-จ-9445

Approved by

D. Changchon

Dej Changchon
Senior Manager

ทะเบียนเลขที่ ว-323-ค-9442

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Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 2374779

Date Received : Jun 30, 2023

Date Reported : Jul 06, 2023

Report Number : 2698588-2

Page 1 of 1

Sample Number 2374779-1
Sampled Date Jun 30, 2023 1:50 PM
Sample Description Wastewater
Location บริเวณจุดออกนอกโครงการ ก่อนเข้าระบบบำบัดน้ำเสียส่วนกลางแห่งที่ 3 (WWT 3) ของเขตประกอบการฯ ไออาร์พีซี
Date Analysis Commenced Jun 30, 2023
Condition of Sample Contained in one amber glass bottle and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Flow rate	m3/s	-	-	0.052	No Standard	Flow meter	Rayong

Guideline : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment For Total Dissolved Solids guideline set by Environmental Impact Assessment Report of IRPC Clean Power Co., Ltd.

Sampling By : Narunat thammassaro

Remark :

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

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Approved by

Narumon Banchongkit
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ภาคผนวก ค-7

ระดับเสียงในสถานประกอบการ



Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236528

Date Received : Feb 02, 2023

Date Reported : Feb 07, 2023

Report Number: 2559490-1

Page 1 of 1

Sample Number 236528-3
Parameter Noise (Leq 8 hrs.)
Location บริเวณเครื่องอัดอากาศ
Measurement Date Feb 01, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:15 AM - 09:15 AM	82.0	97.0	76.6
09:15 AM - 10:15 AM	83.7	96.8	78.1
10:15 AM - 11:15 AM	84.4	96.2	78.5
11:15 AM - 12:15 PM	83.2	96.1	80.2
12:15 PM - 01:15 PM	83.1	95.7	79.1
01:15 PM - 02:15 PM	82.9	96.0	77.7
02:15 PM - 03:15 PM	83.5	96.5	77.6
03:15 PM - 04:15 PM	83.3	96.4	77.4

Leq Average 8 hrs. (dB(A))

83.3

Lmax (dB(A))

97.0

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ. ๒๕๔๖

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236528

Date Received : Feb 02, 2023

Date Reported : Feb 07, 2023

Report Number: 2559491-1

Page 1 of 1

Sample Number 236528-4
Parameter Noise (Leq 8 hrs.)
Location บริเวณเครื่องกำเนิดไฟฟ้ากังหันก๊าซ
Measurement Date Feb 01, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:14 AM - 09:14 AM	77.5	79.1	77.3
09:14 AM - 10:14 AM	77.4	78.9	77.2
10:14 AM - 11:14 AM	77.0	77.7	76.8
11:14 AM - 12:14 PM	76.8	78.0	76.7
12:14 PM - 01:14 PM	78.6	83.5	76.6
01:14 PM - 02:14 PM	82.0	83.4	81.5
02:14 PM - 03:14 PM	81.9	83.7	81.5
03:14 PM - 04:14 PM	82.1	83.4	81.7

Leq Average 8 hrs. (dB(A))

79.8

Lmax (dB(A))

83.7

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236528

Date Received : Feb 02, 2023

Date Reported : Feb 07, 2023

Report Number: 2559492-1

Page 1 of 1

Sample Number 236528-5
Parameter Noise (Leq 8 hrs.)
Location บริเวณเครื่องกำเนิดไฟฟ้ากังหันไอน้ำ
Measurement Date Feb 01, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:20 AM - 09:20 AM	76.7	78.0	76.3
09:20 AM - 10:20 AM	76.5	78.5	76.1
10:20 AM - 11:20 AM	76.2	77.4	75.9
11:20 AM - 12:20 PM	76.3	77.5	76.1
12:20 PM - 01:20 PM	75.9	78.0	75.0
01:20 PM - 02:20 PM	76.0	77.4	75.8
02:20 PM - 03:20 PM	76.1	77.7	75.9
03:20 PM - 04:20 PM	76.2	77.6	76.0

Leq Average 8 hrs. (dB(A))

76.2

Lmax (dB(A))

78.5

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๔๖

Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346602

Date Received : May 05, 2023
Date Reported : May 10, 2023
Report Number: 2643989-1

Page 1 of 1

Sample Number 2346602-3
Parameter Noise (Leq 8 hrs.)
Location บริเวณเครื่องอัดอากาศ
Measurement Date May 03, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	78.0	98.9	74.8
09:00 AM - 10:00 AM	79.6	99.1	75.1
10:00 AM - 11:00 AM	78.9	98.8	75.3
11:00 AM - 12:00 PM	78.6	98.5	75.1
12:00 PM - 01:00 PM	78.6	98.6	75.1
01:00 PM - 02:00 PM	78.9	98.5	75.7
02:00 PM - 03:00 PM	78.7	98.9	75.6
03:00 PM - 04:00 PM	78.2	99.0	75.4

Leq Average 8 hrs. (dB(A))

78.7

Lmax (dB(A))

99.1

Standard (dB(A))

90

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management

Thanita K.

Thanita Kulsuriwong
Scientist (4)

Approved by

Supot S.

Supot Salamteh
Section Head

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346602

Date Received : May 05, 2023
Date Reported : May 10, 2023
Report Number: 2643990-1

Page 1 of 1

Sample Number 2346602-4
Parameter Noise (Leq 8 hrs.)
Location บริเวณเครื่องกำเนิดไฟฟ้ากังหันก๊าซ
Measurement Date May 03, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	81.0	90.4	79.9
09:00 AM - 10:00 AM	84.4	85.7	82.8
10:00 AM - 11:00 AM	81.7	83.5	81.3
11:00 AM - 12:00 PM	81.4	82.7	81.2
12:00 PM - 01:00 PM	81.4	82.6	81.2
01:00 PM - 02:00 PM	81.4	82.9	81.2
02:00 PM - 03:00 PM	81.4	82.7	81.2
03:00 PM - 04:00 PM	81.5	85.5	81.3

Leq Average 8 hrs. (dB(A)) 81.9
Lmax (dB(A)) 90.4
Standard (dB(A)) 90
Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346602

Date Received : May 05, 2023
Date Reported : May 10, 2023
Report Number: 2643991-1

Page 1 of 1

Sample Number 2346602-5
Parameter Noise (Leq 8 hrs.)
Location บริเวณเครื่องกำเนิดไฟฟ้ากังหันไอน้ำ
Measurement Date May 03, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	77.8	80.5	77.2
09:00 AM - 10:00 AM	80.4	82.2	79.5
10:00 AM - 11:00 AM	79.8	81.5	79.2
11:00 AM - 12:00 PM	79.5	81.2	78.8
12:00 PM - 01:00 PM	79.0	81.0	76.8
01:00 PM - 02:00 PM	76.8	83.5	76.5
02:00 PM - 03:00 PM	76.4	79.0	76.0
03:00 PM - 04:00 PM	76.3	77.7	76.0

Leq Average 8 hrs. (dB(A)) 78.5
Lmax (dB(A)) 83.5
Standard (dB(A)) 90
Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Technical Management

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236035

Date Received : Feb 02, 2023

Date Reported : Feb 07, 2023

Report Number: 2559496-1

Page 1 of 1

Sample Number 236035-3
Parameter Noise (Leq 12 hrs.)
Location บริเวณเครื่องอัดอากาศ
Measurement Date Feb 01, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:15 AM - 09:15 AM	82.0	97.0	76.6
09:15 AM - 10:15 AM	83.7	96.8	78.1
10:15 AM - 11:15 AM	84.4	96.2	78.5
11:15 AM - 12:15 PM	83.2	96.1	80.2
12:15 PM - 01:15 PM	83.1	95.7	79.1
01:15 PM - 02:15 PM	82.9	96.0	77.7
02:15 PM - 03:15 PM	83.5	96.5	77.6
03:15 PM - 04:15 PM	83.3	96.4	77.4
04:15 PM - 05:15 PM	83.6	96.8	77.2
05:15 PM - 06:15 PM	84.5	96.4	77.5
06:15 PM - 07:15 PM	84.7	96.5	78.8
07:15 PM - 08:15 PM	84.0	97.1	78.4

Leq Average 12 hrs. (dB(A))

83.6

Lmax (dB(A))

97.1

Standard (dB(A))

87

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Technical Management

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236035

Date Received : Feb 02, 2023

Date Reported : Feb 07, 2023

Report Number: 2559497-1

Page 1 of 1

Sample Number 236035-4
Parameter Noise (Leq 12 hrs.)
Location บริเวณเครื่องกำเนิดไฟฟ้ากังหันก๊าซ
Measurement Date Feb 01, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:14 AM - 09:14 AM	77.5	79.1	77.3
09:14 AM - 10:14 AM	77.4	78.9	77.2
10:14 AM - 11:14 AM	77.0	77.7	76.8
11:14 AM - 12:14 PM	76.8	78.0	76.7
12:14 PM - 01:14 PM	78.6	83.5	76.6
01:14 PM - 02:14 PM	82.0	83.4	81.5
02:14 PM - 03:14 PM	81.9	83.7	81.5
03:14 PM - 04:14 PM	82.1	83.4	81.7
04:14 PM - 05:14 PM	82.3	83.6	81.8
05:14 PM - 06:14 PM	82.7	84.2	82.2
06:14 PM - 07:14 PM	82.4	83.8	81.9
07:14 PM - 08:14 PM	82.5	83.8	82.1

Leq Average 12 hrs. (dB(A))

80.9

Lmax (dB(A))

84.2

Standard (dB(A))

87

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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Technical Management

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Supot Salamteh
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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236035

Date Received : Feb 02, 2023

Date Reported : Feb 07, 2023

Report Number: 2559498-1

Page 1 of 1

Sample Number 236035-5
Parameter Noise (Leq 12 hrs.)
Location บริเวณเครื่องกำเนิดไฟฟ้ากังหันไอน้ำ
Measurement Date Feb 01, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:20 AM - 09:20 AM	76.7	78.0	76.3
09:20 AM - 10:20 AM	76.5	78.5	76.1
10:20 AM - 11:20 AM	76.2	77.4	75.9
11:20 AM - 12:20 PM	76.3	77.5	76.1
12:20 PM - 01:20 PM	75.9	78.0	75.0
01:20 PM - 02:20 PM	76.0	77.4	75.8
02:20 PM - 03:20 PM	76.1	77.7	75.9
03:20 PM - 04:20 PM	76.2	77.6	76.0
04:20 PM - 05:20 PM	76.6	80.4	76.2
05:20 PM - 06:20 PM	76.8	82.7	76.4
06:20 PM - 07:20 PM	76.4	77.7	76.0
07:20 PM - 08:20 PM	76.5	82.4	76.1
Leq Average 12 hrs. (dB(A))	76.4		
Lmax (dB(A))		82.7	
Standard (dB(A))	87	140	
Reference Method : ISO1996-1 and 1996-2			
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๕๖			

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346592

Date Received : May 05, 2023
Date Reported : May 10, 2023
Report Number: 2643983-1

Page 1 of 1

Sample Number 2346592-3
Parameter Noise (Leq 12 hrs.)
Location บริเวณเครื่องอัดอากาศ
Measurement Date May 03, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	78.0	98.9	74.8
09:00 AM - 10:00 AM	79.6	99.1	75.1
10:00 AM - 11:00 AM	78.9	98.8	75.3
11:00 AM - 12:00 PM	78.6	98.5	75.1
12:00 PM - 01:00 PM	78.6	98.6	75.1
01:00 PM - 02:00 PM	78.9	98.5	75.7
02:00 PM - 03:00 PM	78.7	98.9	75.6
03:00 PM - 04:00 PM	78.2	99.0	75.4
04:00 PM - 05:00 PM	78.2	98.5	75.3
05:00 PM - 06:00 PM	78.3	98.5	75.7
06:00 PM - 07:00 PM	78.3	99.1	75.5
07:00 PM - 08:00 PM	78.2	98.2	74.7
Leq Average 12 hrs. (dB(A))	78.6		
Lmax (dB(A))		99.1	
Standard (dB(A))	87	140	
Reference Method : ISO1996-1 and 1996-2			
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย ในการประกอบกิจการโรงงานเกี่ยวกับสภาวะแวดล้อมในการทำงาน พ.ศ.๒๕๕๖			

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346592

Date Received : May 05, 2023
Date Reported : May 10, 2023
Report Number: 2643984-1

Page 1 of 1

Sample Number 2346592-4
Parameter Noise (Leq 12 hrs.)
Location บริเวณเครื่องกำเนิดไฟฟ้ากังหันก๊าซ
Measurement Date May 03, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	81.0	90.4	79.9
09:00 AM - 10:00 AM	84.4	85.7	82.8
10:00 AM - 11:00 AM	81.7	83.5	81.3
11:00 AM - 12:00 PM	81.4	82.7	81.2
12:00 PM - 01:00 PM	81.4	82.6	81.2
01:00 PM - 02:00 PM	81.4	82.9	81.2
02:00 PM - 03:00 PM	81.4	82.7	81.2
03:00 PM - 04:00 PM	81.5	85.5	81.3
04:00 PM - 05:00 PM	81.6	82.6	81.3
05:00 PM - 06:00 PM	81.5	82.8	81.3
06:00 PM - 07:00 PM	81.3	82.6	81.1
07:00 PM - 08:00 PM	81.4	83.2	81.0

Leq Average 12 hrs. (dB(A)) 81.8
Lmax (dB(A)) 90.4
Standard (dB(A)) 87
Reference Method : ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย
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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346592

Date Received : May 05, 2023
Date Reported : May 10, 2023
Report Number: 2643985-1

Page 1 of 1

Sample Number 2346592-5
Parameter Noise (Leq 12 hrs.)
Location บริเวณเครื่องกำเนิดไฟฟ้ากังหันไอน้ำ
Measurement Date May 03, 2023
Measurement by Norranon Tathongkham

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
08:00 AM - 09:00 AM	77.8	80.5	77.2
09:00 AM - 10:00 AM	80.4	82.2	79.5
10:00 AM - 11:00 AM	79.8	81.5	79.2
11:00 AM - 12:00 PM	79.5	81.2	78.8
12:00 PM - 01:00 PM	79.0	81.0	76.8
01:00 PM - 02:00 PM	76.8	83.5	76.5
02:00 PM - 03:00 PM	76.4	79.0	76.0
03:00 PM - 04:00 PM	76.3	77.7	76.0
04:00 PM - 05:00 PM	76.6	77.8	76.3
05:00 PM - 06:00 PM	76.8	80.0	76.4
06:00 PM - 07:00 PM	76.5	77.9	76.2
07:00 PM - 08:00 PM	76.3	78.9	75.9

Leq Average 12 hrs. (dB(A))

78.0

Lmax (dB(A))

83.5

Standard (dB(A))

87

140

Reference Method : ISO1996-1 and 1996-2

Standard : ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรการคุ้มครองความปลอดภัย

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ภาคผนวก ค-8

ระดับเสียงเฉลี่ยตลอดระยะเวลาการทำงาน (TWA)



Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 236531

Date Received : Feb 02, 2023
Date Reported : Feb 06, 2023
Report Number : 2546774-1

Page 1 of 7

Sample Number 236531-1
Sampled Date Feb 01, 2023
Sample Description Noise Dose
Location พนักงานสวนปฏิบัติการการผลิต #1
Personal Sampling คุณพรเทพ กลิ่นโสมณ
Date Analysis Commenced Feb 03, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:30 AM - 07:30 PM	%	-	-	18.6	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:30 AM - 07:30 PM	%	-	1	17.4	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:30 AM - 07:30 PM	dB(A)	-	-	75.7	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:30 AM - 07:30 PM	dB(A)	-	-	77.4	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 236531

Date Received : Feb 02, 2023
Date Reported : Feb 06, 2023
Report Number : 2546774-1

Page 2 of 7

Sample Number 236531-2
Sampled Date Feb 01, 2023
Sample Description Noise Dose
Location พนักงานสวนปฏิบัติการการผลิต #2
Personal Sampling คุณเอ๋พล บุญรักษา
Date Analysis Commenced Feb 03, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:30 AM - 07:30 PM	%	-	-	42.7	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:30 AM - 07:30 PM	%	-	1	39.8	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:30 AM - 07:30 PM	dB(A)	-	-	79.3	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:30 AM - 07:30 PM	dB(A)	-	-	81.0	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 236531

Date Received : Feb 02, 2023
Date Reported : Feb 06, 2023
Report Number : 2546774-1

Page 3 of 7

Sample Number 236531-3
Sampled Date Feb 01, 2023
Sample Description Noise Dose
Location พนักงานสวนปฏิบัติการการผลิต #3
Personal Sampling คุณรัก งานดี
Date Analysis Commenced Feb 03, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:30 AM - 07:30 PM	%	-	-	25.1	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:30 AM - 07:30 PM	%	-	1	23.4	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:30 AM - 07:30 PM	dB(A)	-	-	77.0	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:30 AM - 07:30 PM	dB(A)	-	-	78.7	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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

Approved by

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Assistant Manager

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Analysis / Test Report

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 236531

Date Received : Feb 02, 2023
Date Reported : Feb 06, 2023
Report Number : 2546774-1

Page 4 of 7

Sample Number 236531-4
Sampled Date Feb 01, 2023
Sample Description Noise Dose
Location พนักงานสวนปฏิบัติการการผลิต #4
Personal Sampling คุณวีระพงศ์ วงศ์อยู่
Date Analysis Commenced Feb 03, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:30 AM - 07:30 PM	%	-	-	8.7	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:30 AM - 07:30 PM	%	-	1	8.1	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:30 AM - 07:30 PM	dB(A)	-	-	72.4	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:30 AM - 07:30 PM	dB(A)	-	-	74.1	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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

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Analysis / Test Report

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21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 236531

Date Received : Feb 02, 2023
Date Reported : Feb 06, 2023
Report Number : 2546774-1

Page 5 of 7

Sample Number 236531-5
Sampled Date Feb 01, 2023
Sample Description Noise Dose
Location พนักงานสวนซ่อมบำรุง #1
Personal Sampling คุณดุสิต สว่างดี
Date Analysis Commenced Feb 03, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	1.6	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	67.0	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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Assistant Manager



Analysis / Test Report

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21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 236531

Date Received : Feb 02, 2023
Date Reported : Feb 06, 2023
Report Number : 2546774-1

Page 6 of 7

Sample Number 236531-6
Sampled Date Feb 01, 2023
Sample Description Noise Dose
Location พนักงานสวนซ่อมบำรุง #2
Personal Sampling คุณเป็วรรต วิหคทอง
Date Analysis Commenced Feb 03, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	5.0	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	72.0	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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

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Wichan Choonharat
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Analysis / Test Report

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 236531

Date Received : Feb 02, 2023
Date Reported : Feb 06, 2023
Report Number : 2546774-1

Page 7 of 7

Sample Number 236531-7
Sampled Date Feb 01, 2023
Sample Description Noise Dose
Location พนักงานสวนซ่อมบำรุง #3
Personal Sampling คุณฐาณิษ พบเจริญ
Date Analysis Commenced Feb 03, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:00 AM - 04:00 PM	%	-	1	64.6	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	08:00 AM - 04:00 PM	dB(A)	-	-	83.1	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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Assistant Manager



Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000

P/O :
Project Name : EIA Monitoring
Project Location :

Lot ID: 2357977

Date Received : May 23, 2023
Date Reported : May 25, 2023
Report Number : 2656806-1

Page 1 of 1

Sample Number 2357977-1
Sampled Date May 22, 2023
Sample Description Noise Dose
Location พนักงานสวนปฏิบัติการการผลิต #1
Personal Sampling คุณธนพล จิรสกุลสวัสดิ์
Date Analysis Commenced May 24, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	%	-	-	58.9	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	55.0	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	dB(A)	-	-	80.7	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	82.4	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

- LOD : Limit of Detection
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Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346603

Date Received : May 05, 2023

Date Reported : May 09, 2023

Report Number : 2633163-1

Page 2 of 7

Sample Number 2346603-2
Sampled Date May 03, 2023
Sample Description Noise Dose
Location พนักงานสวนปฏิบัติการการผลิต #2
Personal Sampling คุณธนพล จิรสกุลสวัสดิ์
Date Analysis Commenced May 08, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	%	-	-	95.5	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	74.1	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	dB(A)	-	-	82.8	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	83.7	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346603

Date Received : May 05, 2023

Date Reported : May 09, 2023

Report Number : 2633163-1

Page 3 of 7

Sample Number 2346603-3
Sampled Date May 03, 2023
Sample Description Noise Dose
Location พนักงานสวนปฏิบัติการการผลิต #3
Personal Sampling คุณยุทธนา เขียงไธ
Date Analysis Commenced May 08, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	%	-	-	7.1	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	6.6	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	dB(A)	-	-	71.5	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	73.2	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

- LOD : Limit of Detection
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Analysis / Test Report

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346603

Date Received : May 05, 2023

Date Reported : May 09, 2023

Report Number : 2633163-1

Page 4 of 7

Sample Number 2346603-4
Sampled Date May 03, 2023
Sample Description Noise Dose
Location พนักงานสวนปฏิบัติการการผลิต #4
Personal Sampling คุณณัฐพร สิทธิพงศ์
Date Analysis Commenced May 08, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	%	-	-	2.2	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	2.0	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	dB(A)	-	-	66.4	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	68.1	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

- LOD : Limit of Detection
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Analysis / Test Report

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346603

Date Received : May 05, 2023

Date Reported : May 09, 2023

Report Number : 2633163-1

Page 5 of 7

Sample Number 2346603-5
Sampled Date May 03, 2023
Sample Description Noise Dose
Location พนักงานสวนซ่อมบำรุง #1
Personal Sampling คุณเป็วรรต วิหคทอง
Date Analysis Commenced May 08, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	%	-	-	4.8	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	4.5	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	dB(A)	-	-	69.8	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	71.5	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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

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Analysis / Test Report

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21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346603

Date Received : May 05, 2023
Date Reported : May 09, 2023
Report Number : 2633163-1

Page 6 of 7

Sample Number 2346603-6
Sampled Date May 03, 2023
Sample Description Noise Dose
Location พนักงานสวนซ่อมบำรุง #2
Personal Sampling คุณดุสิต สว่างดี
Date Analysis Commenced May 08, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	%	-	-	24.6	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	22.9	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	dB(A)	-	-	76.9	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	78.6	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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

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Wichan Choonharat
Assistant Manager



Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand
21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2346603

Date Received : May 05, 2023

Date Reported : May 09, 2023

Report Number : 2633163-1

Page 7 of 7

Sample Number 2346603-7
Sampled Date May 03, 2023
Sample Description Noise Dose
Location พนักงานสวนซ่อมบำรุง #3
Personal Sampling คุณฐาณิษ พบเจริญ
Date Analysis Commenced May 08, 2023

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	%	-	-	5.4	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	5.0	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Lavg)	07:00 AM - 07:00 PM	dB(A)	-	-	70.3	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	72.0	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :

MOL : 1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Notification of Department of Labour Protection and Welfare on the Standard of Time Weighted Average (TWA) Noise Level (B.E. 2561)
* MOL: Recommended guideline limit for 12 working hours should not be over 83 dB(A)

Sampled By : Norranon Tathongkham

Remark :

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

Approved by

Wichan Choonharat
Assistant Manager

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ภาคผนวก ค-9

ระดับความร้อนในสถานที่ทำงาน



Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong
Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2336041

Date Received : Apr 04, 2023

Date Reported : Apr 07, 2023

Report Number: 2609376-1

Page 1 of 2

Sample Number 2336041-1
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Apr 03, 2023
Measurement by Supot Salamteh
Location ปฏิบัติงาน 2 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : คุณณัฐวุฒิ คชบาง แผนก : OP)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณหน่วยผลิตไอน้ำ HRSG 32	60	29.2	27.3	34.0	33.3
บริเวณ Control room	60	20.2	19.3	22.4	22.2
Average (WBGT)		24.7			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


Supot Salamteh
Section Head

Approved by


Wichan Choonharat
Assistant Manager

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong
Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 2336041

Date Received : Apr 04, 2023

Date Reported : Apr 07, 2023

Report Number: 2609376-1

Page 2 of 2

Sample Number 2336041-2
Parameter Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)
Measurement Date Apr 03, 2023
Measurement by Supot Salamteh
Location ปฏิบัติงาน 2 พื้นที่ (ชื่อ-นามสกุล ผู้ปฏิบัติงาน : คุณพิพัฒน์ นบพลา แผนก : OP)

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
บริเวณเครื่องกำเนิดไฟฟ้ากังหันไอน้ำ BOX 23	60	31.1	28.1	39.1	36.5
บริเวณ Control room	60	20.2	19.3	22.4	22.2
Average (WBGT)		25.7			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

1. Notification of Department Labour Protection and Welfare on the Criteria and Procedures for Measurement and Analysis of Working Conditions in relation to Heat, Light or Noise Levels, including Duration and Types of Business that must perform (B.E. 2561)
2. Ministerial Regulation on Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E.2559

Technical Management


Supot Salamteh
Section Head

Approved by


Wichan Choonharat
Assistant Manager

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ภาคผนวก ค-10

ความเข้มของแสงสว่างในสถานที่ทำงาน



Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236428

Date Received : Jan 25, 2023

Date Reported : Jan 26, 2023

Report Number : 2551762-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - อาคาร 115 kV : 2nd Floor : ห้องสวิตช์									
1.1	236428-1	23 Jan 2023	Day time	1	474	382.1	100	200	Pass
1.2	236428-2	23 Jan 2023	Day time	2	343				
1.3	236428-3	23 Jan 2023	Day time	3	425				
1.4	236428-4	23 Jan 2023	Day time	4	456				
1.5	236428-5	23 Jan 2023	Day time	5	372				
1.6	236428-6	23 Jan 2023	Day time	6	352				
1.7	236428-7	23 Jan 2023	Day time	7	327				
1.8	236428-8	23 Jan 2023	Day time	8	308				
Area - อาคาร 115 kV : 2nd Floor : ห้อง GIS									
2.1	236428-9	23 Jan 2023	Day time	1	225	262.0	100	200	Pass
2.2	236428-10	23 Jan 2023	Day time	2	209				
2.3	236428-11	23 Jan 2023	Day time	3	307				
2.4	236428-12	23 Jan 2023	Day time	4	212				
2.5	236428-13	23 Jan 2023	Day time	5	342				
2.6	236428-14	23 Jan 2023	Day time	6	220				
2.7	236428-15	23 Jan 2023	Day time	7	160				
2.8	236428-16	23 Jan 2023	Day time	8	243				
2.9	236428-17	23 Jan 2023	Day time	9	183				
2.10	236428-18	23 Jan 2023	Day time	10	150				
2.11	236428-19	23 Jan 2023	Day time	11	139				
2.12	236428-20	23 Jan 2023	Day time	12	120				
2.13	236428-21	23 Jan 2023	Day time	13	164				
2.14	236428-22	23 Jan 2023	Day time	14	517				
2.15	236428-23	23 Jan 2023	Day time	15	289				
2.16	236428-24	23 Jan 2023	Day time	16	285				
2.17	236428-25	23 Jan 2023	Day time	17	274				
2.18	236428-26	23 Jan 2023	Day time	18	357				
2.19	236428-27	23 Jan 2023	Day time	19	550				
2.20	236428-28	23 Jan 2023	Day time	20	262				
2.21	236428-29	23 Jan 2023	Day time	21	271				
2.22	236428-30	23 Jan 2023	Day time	22	392				
2.23	236428-31	23 Jan 2023	Day time	23	201				

Technical Management

Supot Salamteh
Section Head

Approved by

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Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236428

Date Received : Jan 25, 2023

Date Reported : Jan 26, 2023

Report Number : 2551762-1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
2.24	Area - อาคาร 115 kV : 2nd Floor : ห้อง GIS								
	236428-32	23 Jan 2023	Day time	24	215				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

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Wichan Choonharat
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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236506

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551793-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
1	Spot - อาคาร 230 kV : 2nd Floor : โต๊ะคอมพิวเตอร์								
	236506-1	23 Jan 2023	Day time	1	711	-	400-500	-	Pass
2.1	Area - อาคาร 230 kV : 2nd Floor : ทางเดิน								
	236506-2	23 Jan 2023	Day time	1	1,980	1,903	25	50	Pass
2.2	236506-3	23 Jan 2023	Day time	2	1,840				
2.3	236506-4	23 Jan 2023	Day time	3	1,991				
2.4	236506-5	23 Jan 2023	Day time	4	1,801				
3.1	Area - อาคาร 230 kV : 2nd Floor : ห้องจ่ายไฟ								
	236506-6	23 Jan 2023	Day time	1	989	901.4	100	200	Pass
3.2	236506-7	23 Jan 2023	Day time	2	949				
3.3	236506-8	23 Jan 2023	Day time	3	952				
3.4	236506-9	23 Jan 2023	Day time	4	927				
3.5	236506-10	23 Jan 2023	Day time	5	910				
3.6	236506-11	23 Jan 2023	Day time	6	926				
3.7	236506-12	23 Jan 2023	Day time	7	923				
3.8	236506-13	23 Jan 2023	Day time	8	959				
3.9	236506-14	23 Jan 2023	Day time	9	680				
3.10	236506-15	23 Jan 2023	Day time	10	889				
3.11	236506-16	23 Jan 2023	Day time	11	866				
3.12	236506-17	23 Jan 2023	Day time	12	813				
3.13	236506-18	23 Jan 2023	Day time	13	761				
3.14	236506-19	23 Jan 2023	Day time	14	797				
3.15	236506-20	23 Jan 2023	Day time	15	788				
3.16	236506-21	23 Jan 2023	Day time	16	785				
3.17	236506-22	23 Jan 2023	Day time	17	730				
3.18	236506-23	23 Jan 2023	Day time	18	721				

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236506

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551793-1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - อาคาร 230 kV : 2nd Floor : ห้อง GIS									
4.1	236506-24	23 Jan 2023	Day time	1	245	271.0	100	200	Pass
4.2	236506-25	23 Jan 2023	Day time	2	251				
4.3	236506-26	23 Jan 2023	Day time	3	277				
4.4	236506-27	23 Jan 2023	Day time	4	252				
4.5	236506-28	23 Jan 2023	Day time	5	289				
4.6	236506-29	23 Jan 2023	Day time	6	301				
4.7	236506-30	23 Jan 2023	Day time	7	300				
4.8	236506-31	23 Jan 2023	Day time	8	249				
4.9	236506-32	23 Jan 2023	Day time	9	342				
4.10	236506-33	23 Jan 2023	Day time	10	308				
4.11	236506-34	23 Jan 2023	Day time	11	298				
4.12	236506-35	23 Jan 2023	Day time	12	252				
4.13	236506-36	23 Jan 2023	Day time	13	289				
4.14	236506-37	23 Jan 2023	Day time	14	242				
4.15	236506-38	23 Jan 2023	Day time	15	180				
4.16	236506-39	23 Jan 2023	Day time	16	120				
4.17	236506-40	23 Jan 2023	Day time	17	210				
4.18	236506-41	23 Jan 2023	Day time	18	195				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

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Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 236507

Date Received : Jan 24, 2023
Date Reported : Apr 11, 2023
Report Number : 2551783-1

Page 1 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
1	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน K. วุฒิชัย 236507-1	23 Jan 2023	Day time	1	650	-	400-500	-	Pass
2	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน MRD Manager คุณณัฏฐชัย 236507-2	23 Jan 2023	Day time	1	719	-	400-500	-	Pass
3	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน MRD No.1 236507-3	23 Jan 2023	Day time	1	500	-	400-500	-	Pass
4	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน MRD No.2 236507-4	23 Jan 2023	Day time	1	606	-	400-500	-	Pass
5	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน MRD No.3 236507-5	23 Jan 2023	Day time	1	592	-	400-500	-	Pass
6	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน MRD No.4 236507-6	23 Jan 2023	Day time	1	649	-	400-500	-	Pass
7	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน MRD No.5 236507-7	23 Jan 2023	Day time	1	545	-	400-500	-	Pass
8	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน MRD No.6 236507-8	23 Jan 2023	Day time	1	597	-	400-500	-	Pass
9	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน Operation Manager คุณสรยุทธ 236507-9	23 Jan 2023	Day time	1	940	-	400-500	-	Pass
10	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน QSM No. 1 236507-10	23 Jan 2023	Day time	1	605	-	400-500	-	Pass
11	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน QSM No. 2 236507-11	23 Jan 2023	Day time	1	410	-	400-500	-	Pass
12	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน QSM No. 3 236507-12	23 Jan 2023	Day time	1	415	-	400-500	-	Pass
13	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน QSM No. 4 236507-13	23 Jan 2023	Day time	1	577	-	400-500	-	Pass

Technical Management

Supot Salamteh
Section Head

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Assistant Manager

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 236507

Date Received : Jan 24, 2023
Date Reported : Apr 11, 2023
Report Number : 2551783-1

Page 2 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - อาคาร Admin : 2nd Floor : ทางเดิน								
14.1	236507-14	23 Jan 2023	Day time	1	177	197.3	50	100	Pass
14.2	236507-15	23 Jan 2023	Day time	2	151				
14.3	236507-16	23 Jan 2023	Day time	3	180				
14.4	236507-17	23 Jan 2023	Day time	4	144				
14.5	236507-18	23 Jan 2023	Day time	5	156				
14.6	236507-19	23 Jan 2023	Day time	6	213				
14.7	236507-20	23 Jan 2023	Day time	7	251				
14.8	236507-21	23 Jan 2023	Day time	8	249				
14.9	236507-22	23 Jan 2023	Day time	9	255				
	Area - อาคาร Admin : 2nd Floor : ห้อง Pantry								
15.1	236507-23	23 Jan 2023	Day time	1	423	431.3	150	300	Pass
15.2	236507-24	23 Jan 2023	Day time	2	430				
15.3	236507-25	23 Jan 2023	Day time	3	441				
	Area - อาคาร Admin : 2nd Floor : ห้องเอกสาร								
16.1	236507-26	23 Jan 2023	Day time	1	694	580.0	150	300	Pass
16.2	236507-27	23 Jan 2023	Day time	2	480				
16.3	236507-28	23 Jan 2023	Day time	3	560				
16.4	236507-29	23 Jan 2023	Day time	4	694				
16.5	236507-30	23 Jan 2023	Day time	5	561				
16.6	236507-31	23 Jan 2023	Day time	6	491				
	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน Admin								
17	236507-32	23 Jan 2023	Day time	1	439	-	400-500	-	Pass
	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน Operation Engineer								
18	236507-33	23 Jan 2023	Day time	1	435	-	400-500	-	Pass
	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน CPD Manager คุณเกรียงไกร								
19	236507-34	23 Jan 2023	Day time	1	919	-	400-500	-	Pass
	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน OMD Manager คุณสุชสวัสดิ์								
20	236507-35	23 Jan 2023	Day time	1	767	-	400-500	-	Pass
	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน QSM Manager คุณอิศเรศ								
21	236507-36	23 Jan 2023	Day time	1	477	-	400-500	-	Pass
	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน QSM No. 5								
22	236507-37	23 Jan 2023	Day time	1	524	-	400-500	-	Pass

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 236507

Date Received : Jan 24, 2023
Date Reported : Apr 11, 2023
Report Number : 2551783-1

Page 3 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Note : This Analysis test report is reissued to supersede report No. 2551783 -1 Date Reported : Jan 26,2023 due to revise analytical information

Technical Management

Supot Salamteh
Section Head

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Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334799

Date Received : Mar 30, 2023

Date Reported : Apr 21, 2023

Report Number : 2606571-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
23	Spot - อาคาร Admin : 2nd Floor : โต๊ะทำงาน QSM No. 6								
	2334799-1	29 Mar 2023	Day time	1	520	-	400-500	-	Pass

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334808

Date Received : Mar 30, 2023

Date Reported : Apr 21, 2023

Report Number : 2627633-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
1	Spot - อาคาร ECB : 2nd Floor : โต๊ะ Control room No.1 2334808-1	29 Mar 2023	Day time	1	420	-	400-500	-	Pass
2	Spot - อาคาร ECB : 2nd Floor : โต๊ะ Control room No.2 2334808-2	29 Mar 2023	Day time	1	423	-	400-500	-	Pass
3	Spot - อาคาร ECB : 2nd Floor : โต๊ะ Control room No.3 2334808-3	29 Mar 2023	Day time	1	438	-	400-500	-	Pass
4	Spot - อาคาร ECB : 2nd Floor : โต๊ะ Control room No.4 2334808-4	29 Mar 2023	Day time	1	426	-	400-500	-	Pass
5	Spot - อาคาร ECB : 2nd Floor : โต๊ะ Control room No.5 2334808-5	29 Mar 2023	Day time	1	443	-	400-500	-	Pass
6	Spot - อาคาร ECB : 2nd Floor : โต๊ะ Control room No.6 2334808-6	29 Mar 2023	Day time	1	412	-	400-500	-	Pass
7	Spot - อาคาร ECB : 2nd Floor : โต๊ะเปิด Work Permit 2334808-7	29 Mar 2023	Day time	1	943	-	400-500	-	Pass
8	Spot - อาคาร ECB : 2nd Floor : ห้อง Work Permit : โต๊ะเอกสาร 2334808-8	29 Mar 2023	Day time	1	413	-	400-500	-	Pass
9	Spot - อาคาร ECB : 2nd Floor : โต๊ะคอมพิวเตอร์ No.1 2334808-9	29 Mar 2023	Day time	1	434	-	400-500	-	Pass
10	Spot - อาคาร ECB : 2nd Floor : โต๊ะคอมพิวเตอร์ No.2 2334808-10	29 Mar 2023	Day time	1	452	-	400-500	-	Pass
11	Spot - อาคาร ECB : 2nd Floor : โต๊ะคอมพิวเตอร์ No.3 2334808-11	29 Mar 2023	Day time	1	457	-	400-500	-	Pass
17	Spot - อาคาร ECB : 2nd Floor : ห้อง Operator โต๊ะทำงาน 2334808-12	29 Mar 2023	Day time	1	512	-	400-500	-	Pass

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 236508

Date Received : Jan 24, 2023
Date Reported : Apr 11, 2023
Report Number : 2551799-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
12	Spot - อาคาร ECB : 2nd Floor : โต๊ะถ่ายเอกสาร								
	236508-12	23 Jan 2023	Day time	1	473	-	300-400	-	Pass
13.1	Area - อาคาร ECB : 2nd Floor : โต๊ะประชุม								
	236508-13	23 Jan 2023	Day time	1	437	475.5	150	300	Pass
13.2	236508-14	23 Jan 2023	Day time	2	514				
14.1	Area - อาคาร ECB : 2nd Floor : ทางเดิน								
	236508-15	23 Jan 2023	Day time	1	360	376.7	50	100	Pass
14.2	236508-16	23 Jan 2023	Day time	2	443				
14.3	236508-17	23 Jan 2023	Day time	3	416				
14.4	236508-18	23 Jan 2023	Day time	4	434				
14.5	236508-19	23 Jan 2023	Day time	5	404				
14.6	236508-20	23 Jan 2023	Day time	6	366				
14.7	236508-21	23 Jan 2023	Day time	7	214				
15.1	Area - อาคาร ECB : 2nd Floor : ห้อง Document								
	236508-22	23 Jan 2023	Day time	1	310	307.5	150	300	Pass
15.2	236508-23	23 Jan 2023	Day time	2	302				
15.3	236508-24	23 Jan 2023	Day time	3	307				
15.4	236508-25	23 Jan 2023	Day time	4	311				
16.1	Area - อาคาร ECB : 2nd Floor : ห้อง Locker								
	236508-26	23 Jan 2023	Day time	1	351	389.0	150	300	Pass
16.2	236508-27	23 Jan 2023	Day time	2	341				
16.3	236508-28	23 Jan 2023	Day time	3	510				
16.4	236508-29	23 Jan 2023	Day time	4	354				
18.1	Area - อาคาร ECB : 2nd Floor : ห้อง Pantry								
	236508-31	23 Jan 2023	Day time	1	398	385.3	150	300	Pass
18.2	236508-32	23 Jan 2023	Day time	2	359				
18.3	236508-33	23 Jan 2023	Day time	3	431				
18.4	236508-34	23 Jan 2023	Day time	4	353				
19	Spot - อาคาร ECB : 2nd Floor : ห้อง Shift Manager โต๊ะที่ 1								
	236508-35	23 Jan 2023	Day time	1	403	-	400-500	-	Pass
20	Spot - อาคาร ECB : 2nd Floor : ห้อง Shift Manager โต๊ะที่ 2								
	236508-36	23 Jan 2023	Day time	1	453	-	400-500	-	Pass

Technical Management

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Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 236508

Date Received : Jan 24, 2023
Date Reported : Apr 11, 2023
Report Number : 2551799-1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Spot - อาคาร ECB : 2nd Floor : ห้อง Work Permit โต๊ะเอกสาร								
21	236508-37	23 Jan 2023	Day time	1	401	-	400-500	-	Pass
	Area - อาคาร ECB : 2nd Floor : ห้อง Work Permit โต๊ะเอกสาร								
22.1	236508-38	23 Jan 2023	Day time	1	406	408.5	150	300	Pass
22.2	236508-39	23 Jan 2023	Day time	2	411				
	Spot - อาคาร ECB : 2nd Floor : โต๊ะทำงาน								
23	236508-40	23 Jan 2023	Day time	1	414	-	400-500	-	Pass
	Area - อาคาร ECB : 2nd Floor : ห้องประชุม 1								
24.1	236508-41	23 Jan 2023	Day time	1	272	413.8	150	300	Pass
24.2	236508-42	23 Jan 2023	Day time	2	587				
24.3	236508-43	23 Jan 2023	Day time	3	500				
24.4	236508-44	23 Jan 2023	Day time	4	521				
24.5	236508-45	23 Jan 2023	Day time	5	233				
24.6	236508-46	23 Jan 2023	Day time	6	223				
24.7	236508-47	23 Jan 2023	Day time	7	556				
24.8	236508-48	23 Jan 2023	Day time	8	484				
24.9	236508-49	23 Jan 2023	Day time	9	546				
24.10	236508-50	23 Jan 2023	Day time	10	216				
	Area - อาคาร ECB : 2nd Floor : ห้องประชุม 2								
25.1	236508-51	23 Jan 2023	Day time	1	280	361.5	150	300	Pass
25.2	236508-52	23 Jan 2023	Day time	2	459				
25.3	236508-53	23 Jan 2023	Day time	3	401				
25.4	236508-54	23 Jan 2023	Day time	4	398				
25.5	236508-55	23 Jan 2023	Day time	5	311				
25.6	236508-56	23 Jan 2023	Day time	6	320				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Note : This Analysis test report is reissued to supersede report No. 2551799 -1 Date Reported : Jan 26,2023 due to revise analytical information

Technical Management

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Section Head

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Wichan Choonharat
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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236509

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551823-1

Page 1 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - อาคาร LCR : 1st Floor : ห้อง AUX Boiler									
1.1	236509-1	23 Jan 2023	Day time	1	408	474.7	100	200	Pass
1.2	236509-2	23 Jan 2023	Day time	2	510				
1.3	236509-3	23 Jan 2023	Day time	3	478				
1.4	236509-4	23 Jan 2023	Day time	4	434				
1.5	236509-5	23 Jan 2023	Day time	5	489				
1.6	236509-6	23 Jan 2023	Day time	6	530				
1.7	236509-7	23 Jan 2023	Day time	7	415				
1.8	236509-8	23 Jan 2023	Day time	8	526				
1.9	236509-9	23 Jan 2023	Day time	9	512				
1.10	236509-10	23 Jan 2023	Day time	10	484				
1.11	236509-11	23 Jan 2023	Day time	11	504				
1.12	236509-12	23 Jan 2023	Day time	12	455				
1.13	236509-13	23 Jan 2023	Day time	13	402				
1.14	236509-14	23 Jan 2023	Day time	14	515				
1.15	236509-15	23 Jan 2023	Day time	15	613				
1.16	236509-16	23 Jan 2023	Day time	16	519				
1.17	236509-17	23 Jan 2023	Day time	17	339				
1.18	236509-18	23 Jan 2023	Day time	18	411				
Area - อาคาร LCR : 1st Floor : Block 1 : ห้อง control STG23									
2.1	236509-19	23 Jan 2023	Day time	1	474	409.9	100	200	Pass
2.2	236509-20	23 Jan 2023	Day time	2	375				
2.3	236509-21	23 Jan 2023	Day time	3	725				
2.4	236509-22	23 Jan 2023	Day time	4	330				
2.5	236509-23	23 Jan 2023	Day time	5	326				
2.6	236509-24	23 Jan 2023	Day time	6	340				
2.7	236509-25	23 Jan 2023	Day time	7	359				
2.8	236509-26	23 Jan 2023	Day time	8	350				

Technical Management

Supot Salamteh
Section Head

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236509

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551823-1

Page 2 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - อาคาร LCR : 1st Floor : Block 2 : ห้อง control STG33									
3.1	236509-27	23 Jan 2023	Day time	1	531	328.0	100	200	Pass
3.2	236509-28	23 Jan 2023	Day time	2	304				
3.3	236509-29	23 Jan 2023	Day time	3	302				
3.4	236509-30	23 Jan 2023	Day time	4	251				
3.5	236509-31	23 Jan 2023	Day time	5	348				
3.6	236509-32	23 Jan 2023	Day time	6	202				
3.7	236509-33	23 Jan 2023	Day time	7	325				
3.8	236509-34	23 Jan 2023	Day time	8	361				
Area - อาคาร LCR : 1st Floor : Block 1 : Compressor									
4.1	236509-35	23 Jan 2023	Day time	1	1,080	1,176	100	200	Pass
4.2	236509-36	23 Jan 2023	Day time	2	368				
4.3	236509-37	23 Jan 2023	Day time	3	2,094				
4.4	236509-38	23 Jan 2023	Day time	4	1,804				
4.5	236509-39	23 Jan 2023	Day time	5	604				
4.6	236509-40	23 Jan 2023	Day time	6	262				
4.7	236509-41	23 Jan 2023	Day time	7	861				
4.8	236509-42	23 Jan 2023	Day time	8	737				
4.9	236509-43	23 Jan 2023	Day time	9	2,770				
Area - อาคาร LCR : 1st Floor : WWT : ห้องส้วม									
5.1	236509-44	23 Jan 2023	Day time	1	532	624.3	100	200	Pass
5.2	236509-45	23 Jan 2023	Day time	2	678				
5.3	236509-46	23 Jan 2023	Day time	3	701				
5.4	236509-47	23 Jan 2023	Day time	4	645				
5.5	236509-48	23 Jan 2023	Day time	5	669				
5.6	236509-49	23 Jan 2023	Day time	6	644				
5.7	236509-50	23 Jan 2023	Day time	7	556				
5.8	236509-51	23 Jan 2023	Day time	8	642				
5.9	236509-52	23 Jan 2023	Day time	9	631				
5.10	236509-53	23 Jan 2023	Day time	10	619				
5.11	236509-54	23 Jan 2023	Day time	11	560				
5.12	236509-55	23 Jan 2023	Day time	12	614				

Technical Management

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Section Head

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236509

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551823-1

Page 3 of 3

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
6	Spot - อาคาร LCR : 1st Floor : WWT : ใต้ทำงาน								
	236509-56	23 Jan 2023	Day time	1	559	-	400-500	-	Pass

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236510

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551827-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
1	Spot - อาคาร MA : 2nd Floor : โต๊ะ MA Manager								
1	236510-1	23 Jan 2023	Day time	1	440	-	400-500	-	Pass
2	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.5								
2	236510-2	23 Jan 2023	Day time	1	603	-	400-500	-	Pass
3	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.6								
3	236510-3	23 Jan 2023	Day time	1	690	-	400-500	-	Pass
4	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.7								
4	236510-4	23 Jan 2023	Day time	1	628	-	400-500	-	Pass
5	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.8								
5	236510-5	23 Jan 2023	Day time	1	540	-	400-500	-	Pass
6	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.9								
6	236510-6	23 Jan 2023	Day time	1	710	-	400-500	-	Pass
7	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.10								
7	236510-7	23 Jan 2023	Day time	1	884	-	400-500	-	Pass
8.1	Area - อาคาร MA : 2nd Floor : ห้อง Pantry								
8.1	236510-8	23 Jan 2023	Day time	1	642	767.7	150	300	Pass
8.2	236510-9	23 Jan 2023	Day time	2	693				
8.3	236510-10	23 Jan 2023	Day time	3	968				
9.1	Area - อาคาร MA : 2nd Floor : ห้องประชุม								
9.1	236510-11	23 Jan 2023	Day time	1	411	427.0	150	300	Pass
9.2	236510-12	23 Jan 2023	Day time	2	415				
9.3	236510-13	23 Jan 2023	Day time	3	426				
9.4	236510-14	23 Jan 2023	Day time	4	430				
9.5	236510-15	23 Jan 2023	Day time	5	413				
9.6	236510-16	23 Jan 2023	Day time	6	467				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

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Wichan Choonharat
Assistant Manager

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Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 236512

Date Received : Jan 24, 2023
Date Reported : Apr 11, 2023
Report Number : 2551840-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - อาคาร ECB : 1st Floor : ทางเดิน									
1.1	236512-1	23 Jan 2023	Day time	1	1,360	1,315	50	100	Pass
1.2	236512-2	23 Jan 2023	Day time	2	1,522				
1.3	236512-3	23 Jan 2023	Day time	3	1,063				
Area - อาคาร ECB : 1st Floor : ห้อง Switchcontrol									
3.1	236512-8	23 Jan 2023	Day time	1	123	317.5	100	200	Pass
3.2	236512-9	23 Jan 2023	Day time	2	228				
3.3	236512-10	23 Jan 2023	Day time	3	213				
3.4	236512-11	23 Jan 2023	Day time	4	241				
3.5	236512-12	23 Jan 2023	Day time	5	160				
3.6	236512-13	23 Jan 2023	Day time	6	198				
3.7	236512-14	23 Jan 2023	Day time	7	211				
3.8	236512-15	23 Jan 2023	Day time	8	205				
3.9	236512-16	23 Jan 2023	Day time	9	320				
3.10	236512-17	23 Jan 2023	Day time	10	385				
3.11	236512-18	23 Jan 2023	Day time	11	399				
3.12	236512-19	23 Jan 2023	Day time	12	342				
3.13	236512-20	23 Jan 2023	Day time	13	366				
3.14	236512-21	23 Jan 2023	Day time	14	372				
3.15	236512-22	23 Jan 2023	Day time	15	314				
3.16	236512-23	23 Jan 2023	Day time	16	301				
3.17	236512-24	23 Jan 2023	Day time	17	331				
3.18	236512-25	23 Jan 2023	Day time	18	326				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Note : This Analysis test report is reissued to supersede report No. 2551840 -1 Date Reported : Jan 26,2023 due to revise analytical information

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Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334809

Date Received : Mar 30, 2023

Date Reported : Apr 21, 2023

Report Number : 2627636-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - อาคาร ECB : 1st Floor : ห้อง Battery									
2.1	2334809-1	29 Mar 2023	Day time	1	320	326.5	100	200	Pass
2.2	2334809-2	29 Mar 2023	Day time	2	340				
2.3	2334809-3	29 Mar 2023	Day time	3	336				
2.4	2334809-4	29 Mar 2023	Day time	4	310				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236513

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551846-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - อาคาร ECB : 3rd Floor : ทางเดิน									
1.1	236513-1	23 Jan 2023	Day time	1	138	126.8	50	100	Pass
1.2	236513-2	23 Jan 2023	Day time	2	144				
1.3	236513-3	23 Jan 2023	Day time	3	119				
1.4	236513-4	23 Jan 2023	Day time	4	106				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

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P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236514

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551850-1

Page 1 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - อาคาร Admin : 1st Floor : ทางเดิน								
1.1	236514-1	23 Jan 2023	Day time	1	180	219.9	50	100	Pass
1.2	236514-2	23 Jan 2023	Day time	2	185				
1.3	236514-3	23 Jan 2023	Day time	3	187				
1.4	236514-4	23 Jan 2023	Day time	4	239				
1.5	236514-5	23 Jan 2023	Day time	5	155				
1.6	236514-6	23 Jan 2023	Day time	6	194				
1.7	236514-7	23 Jan 2023	Day time	7	226				
1.8	236514-8	23 Jan 2023	Day time	8	257				
1.9	236514-9	23 Jan 2023	Day time	9	224				
1.10	236514-10	23 Jan 2023	Day time	10	171				
1.11	236514-11	23 Jan 2023	Day time	11	138				
1.12	236514-12	23 Jan 2023	Day time	12	141				
1.13	236514-13	23 Jan 2023	Day time	13	211				
1.14	236514-14	23 Jan 2023	Day time	14	225				
1.15	236514-15	23 Jan 2023	Day time	15	229				
1.16	236514-16	23 Jan 2023	Day time	16	230				
1.17	236514-17	23 Jan 2023	Day time	17	271				
1.18	236514-18	23 Jan 2023	Day time	18	495				
	Area - อาคาร Admin : 1st Floor : COLONIST (meeting room)								
2.1	236514-19	23 Jan 2023	Day time	1	323	635.4	150	300	Pass
2.2	236514-20	23 Jan 2023	Day time	2	577				
2.3	236514-21	23 Jan 2023	Day time	3	761				
2.4	236514-22	23 Jan 2023	Day time	4	922				
2.5	236514-23	23 Jan 2023	Day time	5	764				
2.6	236514-24	23 Jan 2023	Day time	6	431				
2.7	236514-25	23 Jan 2023	Day time	7	442				
2.8	236514-26	23 Jan 2023	Day time	8	687				
2.9	236514-27	23 Jan 2023	Day time	9	812				

Technical Management

Supot Salamteh
Section Head

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P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236514

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551850-1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
	Area - อาคาร Admin : 1st Floor : CHALLENGE (meeting room)								
3.1	236514-28	23 Jan 2023	Day time	1	420	605.8	150	300	Pass
3.2	236514-29	23 Jan 2023	Day time	2	422				
3.3	236514-30	23 Jan 2023	Day time	3	897				
3.4	236514-31	23 Jan 2023	Day time	4	612				
3.5	236514-32	23 Jan 2023	Day time	5	630				
3.6	236514-33	23 Jan 2023	Day time	6	422				
3.7	236514-34	23 Jan 2023	Day time	7	553				
3.8	236514-35	23 Jan 2023	Day time	8	643				
3.9	236514-36	23 Jan 2023	Day time	9	853				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334810

Date Received : Mar 30, 2023

Date Reported : Apr 21, 2023

Report Number : 2627666-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - อาคาร 230 kV : 1st Floor : ห้อง Battery									
1.1	2334810-1	29 Mar 2023	Day time	1	420	398.3	100	200	Pass
1.2	2334810-2	29 Mar 2023	Day time	2	311				
1.3	2334810-3	29 Mar 2023	Day time	3	398				
1.4	2334810-4	29 Mar 2023	Day time	4	426				
1.5	2334810-5	29 Mar 2023	Day time	5	421				
1.6	2334810-6	29 Mar 2023	Day time	6	400				
1.7	2334810-7	29 Mar 2023	Day time	7	289				
1.8	2334810-8	29 Mar 2023	Day time	8	457				
1.9	2334810-9	29 Mar 2023	Day time	9	423				
1.10	2334810-10	29 Mar 2023	Day time	10	438				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

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P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 236516

Date Received : Jan 24, 2023

Date Reported : Jan 26, 2023

Report Number : 2551869-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot / Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
Area - อาคาร 115 kV : 1st Floor : ห้อง Battery									
1.1	236516-1	23 Jan 2023	Day time	1	840	480.7	100	200	Pass
1.2	236516-2	23 Jan 2023	Day time	2	402				
1.3	236516-3	23 Jan 2023	Day time	3	200				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

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299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000
P/O : 3020051275
Project Name : EIA Monitoring
Project Location :

Lot ID: 236517

Date Received : Jan 24, 2023
Date Reported : Apr 11, 2023
Report Number : 2551877-1

Page 1 of 1

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
1	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.1 236517-1	23 Jan 2023	Day time	1	515	-	400-500	-	Pass
2	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.2 236517-2	23 Jan 2023	Day time	1	655	-	400-500	-	Pass
3	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.3 236517-3	23 Jan 2023	Day time	1	643	-	400-500	-	Pass
4	Spot - อาคาร MA : 1st Floor : Office : โต๊ะคอมพิวเตอร์ No.4 236517-4	23 Jan 2023	Day time	1	637	-	400-500	-	Pass
5.1	Area - อาคาร MA : 1st Floor : ลานอุปกรณ์ 236517-5	23 Jan 2023	Day time	1	4,922	2,660	150	300	Pass
5.2	236517-6	23 Jan 2023	Day time	2	4,739				
5.3	236517-7	23 Jan 2023	Day time	3	1,799				
5.4	236517-8	23 Jan 2023	Day time	4	1,655				
5.5	236517-9	23 Jan 2023	Day time	5	3,050				
5.6	236517-10	23 Jan 2023	Day time	6	1,735				
5.7	236517-11	23 Jan 2023	Day time	7	1,677				
5.8	236517-12	23 Jan 2023	Day time	8	1,701				
8.1	Area - อาคาร MA : 1st Floor : ห้อง E&I Laboratory ตู้เก็บอุปกรณ์ 236517-15	23 Jan 2023	Day time	1	166	170.5	50	100	Pass
8.2	236517-16	23 Jan 2023	Day time	2	175				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Note : This Analysis test report is reissued to supersede report No. 2551877 -1 Date Reported : Jan 26,2023 due to revise analytical information

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Analysis / Test Report

Client : IRPC Clean Power Company Limited
299 Moo 5, Sukhumvit Road, Tambol Cheng-Nern, Amphur Muang, Rayong Thailand 21000

P/O :

Project Name : EIA Monitoring

Project Location :

Lot ID: 2334811

Date Received : Mar 30, 2023

Date Reported : Apr 21, 2023

Report Number : 2627673-1

Page 1 of 1

Page 2 of 2

Lay out No.	Reference Number	Measurement Date	Measurement Time	Spot /Area No.	Illuminance (Lux)		Guideline Limit		Comment
					Spot	Average	Spot/Min	Average	
6	Spot - อาคาร MA : 1st Floor : ห้อง E&I Laboratory โต๊ะที่ 1								
	2334811-1	29 Mar 2023	Day time	1	434	-	400-500	-	Pass
7	Spot - อาคาร MA : 1st Floor : ห้อง E&I Laboratory โต๊ะที่ 2								
	2334811-2	29 Mar 2023	Day time	1	430	-	400-500	-	Pass
9.1	Area - อาคาร MA : 1st Floor : ห้อง Spare Part								
	2334811-3	29 Mar 2023	Day time	1	381	246.8	50	100	Pass
9.2	2334811-4	29 Mar 2023	Day time	2	370				
9.3	2334811-5	29 Mar 2023	Day time	3	134				
9.4	2334811-6	29 Mar 2023	Day time	4	197				
9.5	2334811-7	29 Mar 2023	Day time	5	60				
9.6	2334811-8	29 Mar 2023	Day time	6	58				
9.7	2334811-9	29 Mar 2023	Day time	7	398				
9.8	2334811-10	29 Mar 2023	Day time	8	376				

Measurement by : Norranon Tathongkham Personnel of ALS Laboratory Group (Thailand) Co., Ltd.

Guideline : Notification of Department of Labour Protection and Welfare, B.E.2560 (2017) dated November 27, B.E.2560 (2017), and published in the Royal Government Gazette, Vol.135, Part 39D dated February 21 B.E.2561 (2018)

Technical Management

Supot Salamteh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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