

ภาคผนวก ค

เอกสารประกอบการปฏิบัติตามมาตรการติดตามตรวจสอบ

คุณภาพสิ่งแวดล้อม

ภาคผนวก ค.1

ใบรับรองผลการตรวจวัดคุณภาพสิ่งแวดล้อม



Analysis / Test Report

Client : Gulf Power Generation Co., Ltd.

64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

P/O : 4310100727

Project Name : Monitoring EIA

Project Location : GPG

Lot ID: 2223789

Date Received : Oct 07, 2022

Date Reported : Oct 18, 2022

Report Number : 2239682-1

Page 1 of 1

Sample Number : 2223789-1
Sample Description : Emission from Stationary Source
Location : HRSG 11
Sampled Date : Oct 07, 2022

Stack Description									
Ambient Temperature	32	°C	Diameter	7.00	m	Oxygen	11.93	%	
Ambient Pressure	757	mmHg	Shape	Circle		Carbon dioxide	6.62	%	
Type of Process	Combustion		Stack Temperature	154	°C	Gas Velocity	21.81	m/s	
Type of Fuel	Diesel		Moisture	8.01	%	Flow Rate	1929573	Nm ³ /hr	

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Carbon Monoxide (ppm) at Actual O ₂ at 7% O ₂	Oxides of Nitrogen (ppm) at Actual O ₂ at 7% O ₂	Sulfur Dioxide (ppm) at Actual O ₂ at 7% O ₂
1	10:50 AM - 11:10 AM	11.92	6.63	2.84	4.40	27.53
2	11:11 AM - 11:31 AM	11.93	6.62	3.01	4.67	28.18
3	11:32 AM - 11:52 AM	11.95	6.60	2.87	4.46	29.28
Average (ppm)		11.93	6.62	2.91	4.51	28.33
Guideline ⁽¹⁾ (ppm)				-	-	70
Guideline ⁽²⁾ (ppm)				-	-	180
Guideline ⁽³⁾ (ppm)				-	-	690
Result (mg/Nm ³)				3.33	5.16	53.31
Emission Rate at Actual O ₂ (g/s)				1.786		28.572
Guideline ⁽¹⁾ (g/s)				-	-	34.34
Method				US EPA Method 10	US EPA Method 7E	US EPA Method 6C

Sampled By : Worawich Tongpoom

Guideline : ⁽¹⁾ Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.

⁽²⁾ Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

⁽³⁾ 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)

Technical Management

Wichan Choonharat

Manager
เบอร์โทรศัพท์ : 204-6113

Approved by

Saranyu Jitranont

Assistant General Manager
เบอร์โทรศัพท์ : 204-4702

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Analysis / Test Report

Client : Gulf Power Generation Co., Ltd.

64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

P/O : 4310100727

Project Name : Monitoring EIA

Project Location : GPG



TESTING
No.0009

Lot ID: 2223800

Date Received : Oct 07, 2022

Date Reported : Oct 19, 2022

Report Number : 2239691-1 Rev. No.1

Page 1 of 2

Sample Number : 2223800-1
Sampled Date : Oct 07, 2022
Sample Description : Emission from Stationary Source
Location : HRSG 11
Date Analysis Commenced : Oct 08, 2022
Condition of Sample : Extracted into one filter paper placed in plastic petri dish

Stack Description									
Ambient Pressure	757	mmHg	Diameter	7.00	m	Oxygen	11.9	%	
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	6.6	%	
Type of Process	Combustion		Stack Temperature	154	°C	Gas Velocity	21.9	m/s	
Type of Fuel	Diesel		Moisture	8.02	%	Flow Rate (Actual O ₂)	1938369	Nm ³ /hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOD)	Result at 7 % O ₂ at 11.9 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	10:50 AM - 11:32 AM	mg/m ³	-	0.5	<0.5	<0.5	94	120	US EPA, Method 5 Bangkok

Guideline :

Guideline (1) Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.

Guideline (2) Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

Technical Management

Saranyu C.

Saranyu Chalerthumrong
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Approved by

Karokom Anuk

Senior Manager
เบอร์โทรศัพท์ : 204-6111

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S:\Reports_Air Stack_O2_GLP (612PM)



Analysis / Test Report

Client : Gulf Power Generation Co., Ltd.

64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

P/O : 4310100727

Project Name : Monitoring EIA

Project Location : GPG

Lot ID: 2223800

Date Received : Oct 07, 2022

Date Reported : Oct 19, 2022

Report Number : 2239691-1 Rev. No.1

Page 2 of 2

Sample Number : 2223800-1
Sampled Date : Oct 07, 2022
Sample Description : Emission from Stationary Source
Location : HRSG 11
Date Analysis Commenced : Oct 08, 2022
Condition of Sample : Extracted into one filter paper placed in plastic petri dish

Stack Description									
Ambient Pressure	757	mmHg	Diameter	7.00	m	Oxygen	11.9	%	
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	6.6	%	
Type of Process	Combustion		Stack Temperature	154	°C	Gas Velocity	21.9	m/s	
Type of Fuel	Diesel		Moisture	8.02	%	Flow Rate (Actual O ₂)	1938369	Nm ³ /hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOD)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	10:50 AM - 11:32 AM	g/s	-	-	<0.27	22.52	-	Calculated	Bangkok

Guideline :

Guideline (1) Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.

Guideline (2) Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

Note:

This Analysis test report is reissued to supersede report No 2239691-1 Reported : Oct 17, 2022 due to revise guideline/specification

Sampled By : Boonyarath Jantad

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

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S:\Reports_Air Stack_O2_GLP (612PM)



Analysis / Test Report

Client : Gulf Power Generation Co., Ltd.

64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

P/O : 4310100727

Project Name : Monitoring EIA

Project Location : GPG

Lot ID: 2223792

Date Received : Nov 25, 2022

Date Reported : Nov 29, 2022

Report Number : 2239688-1

Page 1 of 1

Sample Number : 2223792-1
Sample Description : Emission from Stationary Source
Location : HRSG 12
Sampled Date : Nov 25, 2022

Stack Description									
Ambient Temperature	32	°C	Diameter	7.00	m	Oxygen	11.98	%	
Ambient Pressure	757	mmHg	Shape	Circle		Carbon dioxide	7.05	%	
Type of Process	Combustion		Stack Temperature	147	°C	Gas Velocity	23.37	m/s	
Type of Fuel	Diesel		Moisture	14.46	%	Flow Rate	1954906	Nm ³ /hr	

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Carbon Monoxide (ppm) at Actual O ₂ at 7% O ₂	Oxides of Nitrogen (ppm) at Actual O ₂ at 7% O ₂	Sulfur Dioxide (ppm) at Actual O ₂ at 7% O ₂
1	11:00 AM - 11:20 AM	11.95	7.15	0.70	1.09	24.43
2	11:21 AM - 11:41 AM	12.01	6.99	0.66	1.03	24.61
3	11:42 AM - 12:02 PM	11.98	7.03	0.66	1.03	24.49
Average (ppm)		11.98	7.05	0.67	1.05	24.51
Guideline ⁽¹⁾ (ppm)				-	-	70
Guideline ⁽²⁾ (ppm)				-	-	180
Guideline ⁽³⁾ (ppm)				-	-	690
Result (mg/Nm ³)				0.77	1.20	46.11
Emission Rate at Actual O ₂ (g/s)				0.419		25.041
Guideline ⁽¹⁾ (g/s)				-	-	34.34
Method				US EPA Method 10	US EPA Method 7E	US EPA Method 6C

Sampled By : Worawich Tongpoom

Guideline : ⁽¹⁾ Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.

⁽²⁾ Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

⁽³⁾ 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)

Technical Management

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Analysis / Test Report



TESTING
No.0009

Client : Gulf Power Generation Co., Ltd.
64 Moo.2 Mooban Pangko, Banpa, Kaengkhio, Saraburi Thailand 18110
P/O : 4310100727
Project Name : Monitoring EIA
Project Location : GPG

Lot ID: 2223803
Date Received : Nov 25, 2022
Date Reported : Dec 09, 2022
Report Number: 2239692-1 Rev. No.1

Page 1 of 2

Sample Number : 2223803-1
Sampled Date : Nov 25, 2022
Sample Description : Emission from Stationary Source
Location : HRSG 12
Date Analysis Commenced : Nov 26, 2022
Condition of Sample : Extracted into one filter paper placed in plastic petri dish

Stack Description									
Ambient Pressure	757	mmHg	Diameter	7.00	m	Oxygen	12.0	%	
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	7.0	%	
Type of Process	Combustion		Stack Temperature	147	°C	Gas Velocity	23.4	m/s	
Type of Fuel	Diesel		Moisture	14.49	%	Flow Rate (Actual O2)	1952473	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOD)	Result at 7 % O ₂ at 12.8 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location	
Air Testing										
Total Suspended Particulate	11:05 AM - 11:53 PM	mg/m3	-	0.5	1.2	0.77	94	120	US EPA, Method 5	Bangkok

Guideline :
Guideline (1) Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.
Guideline (2) Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

Technical Management

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S:\Reports\Air Stack_O2_GLP\ (7.48PM)



Analysis / Test Report



TESTING
No.0009

Client : Gulf Power Generation Co., Ltd.
64 Moo.2 Mooban Pangko, Banpa, Kaengkhio, Saraburi Thailand 18110
P/O : 4310100727
Project Name : Monitoring EIA
Project Location : GPG

Lot ID: 2223803
Date Received : Nov 25, 2022
Date Reported : Dec 09, 2022
Report Number: 2239692-1 Rev. No.1

Page 2 of 2

Sample Number : 2223803-1
Sampled Date : Nov 25, 2022
Sample Description : Emission from Stationary Source
Location : HRSG 12
Date Analysis Commenced : Nov 26, 2022
Condition of Sample : Extracted into one filter paper placed in plastic petri dish

Stack Description									
Ambient Pressure	757	mmHg	Diameter	7.00	m	Oxygen	12.0	%	
Ambient Temperature	32.0	°C	Shape	Circle		Carbon Dioxide	7.0	%	
Type of Process	Combustion		Stack Temperature	147	°C	Gas Velocity	23.4	m/s	
Type of Fuel	Diesel		Moisture	14.49	%	Flow Rate (Actual O2)	1952473	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOD)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate *	11:05 AM - 11:53 PM	g/s	-	-	0.41	22.52	-	Calculated	Bangkok

Guideline :
Guideline (1) Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.
Guideline (2) Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

Notes:
This Analysis test report is reissued to supersede Report No. 2239692-1 Reported : Dec 03, 2022 due to guideline/specification

Sampled By : Prasert Surakhun

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

Saranya C.

Saranya Chalerthumrong
Scientist (4)
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Approved by

Karolkorn Anuk

Karolkorn Anuk
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โทร: 09-00000000-204-6111

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S:\Reports\Air Stack_O2_GLP\ (7.48PM)



Analysis / Test Report

Client : Gulf Power Generation Co., Ltd.
64 Moo.2 Mooban Pangko, Banpa, Kaengkhio, Saraburi Thailand 18110
P/O :
Project Name : Monitoring EIA
Project Location : GPG

Lot ID: 2337364
Date Received : Apr 04, 2023
Date Reported : Apr 11, 2023
Report Number : 2611929-1

Page 1 of 1

Sample Number : 2337364-1
Sample Description : Emission from Stationary Source
Location : HRSG 21
Sampled Date : Apr 04, 2023

Stack Description									
Ambient Temperature	33	°C	Diameter	7.00	m	Oxygen	12.84	%	
Ambient Pressure	755	mmHg	Shape	Circle		Carbon dioxide	4.50	%	
Type of Process	Combustion		Stack Temperature	109	°C	Gas Velocity	15.13	m/s	
Type of Fuel	Natural Gas		Moisture	10.30	%	Flow Rate	1457244	Nm3/hr	

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Carbon Monoxide (ppm) at Actual O ₂	Carbon Monoxide (ppm) at 7% O ₂	Oxides of Nitrogen (ppm) at Actual O ₂	Oxides of Nitrogen (ppm) at 7% O ₂	Sulfur Dioxide (ppm) at Actual O ₂	Sulfur Dioxide (ppm) at 7% O ₂
1	11:50 AM - 12:10 PM	12.83	4.50	0.06	0.11	21.38	36.80	0.28	0.47
2	12:11 PM - 12:31 PM	12.85	4.51	0.05	0.09	21.40	36.94	0.31	0.54
3	12:32 PM - 12:52 PM	12.85	4.50	0.07	0.12	21.40	36.95	0.30	0.52
Average (ppm)		12.84	4.50	0.06	0.11	21.39	36.90	0.30	0.51
Guideline ⁽¹⁾ (ppm)		-	-	-	-	-	50	-	5
Guideline ⁽²⁾ (ppm)		-	-	-	-	-	120	-	20
Guideline ⁽³⁾ (ppm)		-	-	-	690	-	-	-	-
Result (mg/Nm ³)				0.07	0.12	40.25	69.42	0.77	1.34
Emission Rate at Actual O ₂ (g/s)				0.028		16.291		0.314	
Guideline ⁽⁴⁾ (g/s)						24.63		3.72	
Method				US EPA Method 10		US EPA Method 7E		US EPA Method 6C	

Sampled By : Ussanee Namburee

Guideline :
Guideline (1) Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.
Guideline (2) Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).
Guideline (3) 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)

Technical Management

Wichan Choonharat

Manager
โทร: 09-00000000-204-6113

Approved by

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Assistant General Manager
โทร: 09-00000000-204-4702

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Analysis / Test Report

Client : Gulf Power Generation Co., Ltd.
64 Moo.2 Mooban Pangko, Banpa, Kaengkhio, Saraburi Thailand 18110
P/O :
Project Name : Monitoring EIA
Project Location : GPG

Lot ID: 2337368
Date Received : Apr 04, 2023
Date Reported : Apr 12, 2023
Report Number: 2611933-1

Page 1 of 2

Sample Number : 2337368-1
Sampled Date : Apr 04, 2023
Sample Description : Emission from Stationary Source
Location : HRSG 21
Date Analysis Commenced : Apr 05, 2023
Condition of Sample : Extracted into one filter paper placed in plastic petri dish

Stack Description									
Ambient Pressure	755	mmHg	Diameter	7.00	m	Oxygen	12.8	%	
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	4.5	%	
Type of Process	Combustion		Stack Temperature	109	°C	Gas Velocity	15.1	m/s	
Type of Fuel	Natural Gas		Moisture	10.37	%	Flow Rate (Actual O2)	1454637	Nm3/hr	

Analyte	Sampled Time	Unit	LOD	LOQ (LOD)	Result at 7 % O ₂ at 12.8 % O ₂	Guideline (1)	Guideline (2)	Method	Testing Location	
Air Testing										
Total Suspended Particulate	11:50 AM - 12:38 PM	mg/m3	-	0.5	<0.5	<0.5	24	60	United States Environmental Protection Agency, EPA Method 5	Bangkok

Guideline :
Guideline (1) Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.
Guideline (2) Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

Technical Management

Saranya C.

Saranya Chalerthumrong
Scientist (4)
โทร: 09-00000000-204-4717

Approved by

Karolkorn Anuk

Karolkorn Anuk
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S:\Reports\Air Stack_O2_GLP\ (8.09PM)



Analysis / Test Report

Client : Gulf Power Generation Co., Ltd.
64 Moo.2 Mooban Pangko, Bangpa, Kaengkhoh, Saraburi Thailand 18110

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

Lot ID: 2337368
Date Received : Apr 04, 2023
Date Reported : Apr 12, 2023
Report Number: 2611933-1

Page 2 of 2

Sample Number : 2337368-1
Sampled Date : Apr 04, 2023
Sample Description : Emission from Stationary Source
Location : HRSG 21
Date Analysis Commenced : Apr 05, 2023
Condition of Sample : Extracted into one filter paper placed in plastic petri dish

Stack Description							
Ambient Pressure	755	mmHg	Diameter	7.00	m	Oxygen	12.8 %
Ambient Temperature	33.0	°C	Shape	Circle		Carbon Dioxide	4.5 %
Type of Process	Combustion		Stack Temperature	109	°C	Gas Velocity	15.1 m/s
Type of Fuel	Natural Gas		Moisture	10.37	%	Flow Rate (Actual O2)	1454637 Nm3/hr

Analyte	Sampled Time	Unit	LOD	LOQ (LOR)	Result Emission Rate	Guideline (1)	Guideline (2)	Method	Testing Location
Air Testing									
Total Suspended Particulate	11:50 AM - 12:38 PM	g/s	-	-	<0.20	5.65	-	Calculated	Bangkok

Guideline :
Guideline (1) Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.
Guideline (2) Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

Sampled By : Prusert Surakhun

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

Technical Management

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Saranya Chalerthumrong
Scientist (4)
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Approved by

Kanokorn Anuk

Kanokorn Anuk
Senior Manager
โทรศัพท์ ๖-204-๖-6111

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Analysis / Test Report

Report to : Gulf Power Generation Co., Ltd.
64 Moo.2 Mooban Pangko, Bangpa, Kaengkhoh, Saraburi Thailand 18110

Project Name : Monitoring EIA
Location : GPG
P/O : GPG-PO-226070
Receipt No :

Lot ID: 1932366
Date Received: May 09, 2019
Date Reported: May 22, 2019
Report No: 1335824-2
Sampling By: Ussaree Namburee

Attn : Arthit Chutaisong
Phone : 0-3626-2403 - 9
Fax : 0-3626-2402
Email : arthit.gpg@gulf.co.th

Page 1 of 1

Reference No. : 1932366-1
Sample Description : Emission from Stationary Source
Location : HRSG 22
Sampling Date : May 8, 2019
Date of Analysis : May 14, 2019

Stack Description							
Ambient Pressure	35	°C	Diameter	7.00	m	Oxygen	13.18 %
Ambient Temperature	755	mmHg	Shape	Circle		Carbon dioxide	4.96 %
Type of Process	Combustion		Stack Temperature	110	°C	Gas Velocity	15.50 m/s
Type of Fuel	Natural Gas		Moisture	8.26	%	Flow Rate	1521482 Nm3/hr

Run No.	Sampling Time	Oxygen (%)	Carbon Dioxide (%)	Carbon Monoxide (ppm) at Actual O ₂	Oxides of Nitrogen (ppm) at Actual O ₂	Sulfur Dioxide (ppm) at Actual O ₂
1	01:10 PM - 01:20 PM	13.29	4.90	0.57	1.05	38.35
2	01:31 PM - 01:51 PM	13.13	5.00	0.33	0.59	36.83
3	01:52 PM - 02:12 PM	13.13	5.00	0.24	0.43	36.57
Average		13.18	4.96	0.38	0.69	37.25
Guideline ⁽¹⁾ (ppm)		-	-	-	-	50
Guideline ⁽²⁾ (ppm)		-	-	-	-	120
Guideline ⁽³⁾ (ppm)		-	-	690	-	-
Result (mg/m ³)		0.44	0.79	38.89	70.08	0.57
Emission Rate at Actual O ₂ (g/s)				0.184	16.436	0.240
Method				US EPA Method 10	US EPA Method 7E	US EPA Method 6C

Guideline : ⁽¹⁾ Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.

⁽²⁾ Notification of the Ministry of Industry on determining pollutant contents in air emitted from electric power generation, transmission and distribution plant, 2004 (B.E. 2547), dated September, 2004 (B.E. 2547).

⁽³⁾ 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)

Technical Management

Wichan Choonharat

Wichan Choonharat
Manager
โทรศัพท์ ๖-204-๖-6113

Approved by

Sarayuth Altrant

Sarayuth Altrant
Acting General Manager
โทรศัพท์ ๖-204-๖-4702

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Analysis / Test Report

Report to : Gulf Power Generation Co., Ltd.
64 Moo.2 Mooban Pangko, Bangpa, Kaengkhoh, Saraburi Thailand 18110

Attn : Arthit Chutaisong
Phone: 0-3626-2403 - 9 Ext.
Fax: 0-3626-2402 Ext.
Email: arthit.gpg@gulf.co.th

Project Name: Monitoring EIA

Location: GPG

P/O: GPG-PO-226070

Receipt No:

Lot ID: 1932366

Date Received: May 09, 2019

Date Reported: May 28, 2019

Report Number: 1335824-1

Sampled by: Ussaree Namburee

Page 1 of 2

Reference Number : 1932366-1
Sample Description : Emission from Stationary Source
Location : HRSG 22 (GPS 479 0718426, 1615723)
Condition of Sample : Extracted into one filter paper placed in plastic petri dish
Sampling Date : May 08, 2019
Date of Analysis : May 10, 2019

Stack Description							
Ambient Pressure	755	mmHg	Diameter	7.00	m	Oxygen	13.3 %
Ambient Temperature	35.0	°C	Shape	Circle		Carbon Dioxide	4.8 %
Type of Process	Combustion		Stack Temperature	110	°C	Gas Velocity	15.5 m/s
Type of Fuel	Natural Gas		Moisture	8.31	%	Flow Rate (Actual O2)	1523200 Nm3/hr

Analyte	Sampling Time	Result at 7 % O ₂	Guideline at 13.3 % O ₂	Guideline (1)	Guideline (2)	Unit	Method
Total Suspended Particulate	01:18 PM - 02:06 PM	<0.50	<0.50	24	60	mg/m3	US EPA, Method 5

Guideline (1) Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.
Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

Technical Management

Saratat Mongkrajavit

Saratat Mongkrajavit
Scientist (4)
โทรศัพท์ ๖-204-๖-4719

Approved by

Yupaporn Champleng

Yupaporn Champleng
Acting General Manager
โทรศัพท์ ๖-204-๖-4700

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Analysis / Test Report

Report to : Gulf Power Generation Co., Ltd.
64 Moo.2 Mooban Pangko, Bangpa, Kaengkhoh, Saraburi Thailand 18110

Attn : Arthit Chutaisong
Phone: 0-3626-2403 - 9 Ext.
Fax: 0-3626-2402 Ext.
Email: arthit.gpg@gulf.co.th

Project Name: Monitoring EIA

Location: GPG

P/O: GPG-PO-226070

Receipt No:

Lot ID: 1932366

Date Received: May 09, 2019

Date Reported: May 28, 2019

Report Number: 1335824-1

Sampled by: Ussaree Namburee

Page 2 of 2

Reference Number : 1932366-1
Sample Description : Emission from Stationary Source
Location : HRSG 22 (GPS 479 0718426, 1615723)
Condition of Sample : Extracted into one filter paper placed in plastic petri dish
Sampling Date : May 08, 2019
Date of Analysis : May 10, 2019

Stack Description							
Ambient Pressure	755	mmHg	Diameter	7.00	m	Oxygen	13.3 %
Ambient Temperature	35.0	°C	Shape	Circle		Carbon Dioxide	4.8 %
Type of Process	Combustion		Stack Temperature	110	°C	Gas Velocity	15.5 m/s
Type of Fuel	Natural Gas		Moisture	8.31	%	Flow Rate (Actual O2)	1523200 Nm3/hr

Analyte	Sampling Time	Result (s) Emission Rate	Guideline (1)	Guideline (2)	Unit	Method
Total Suspended Particulate	01:18 PM - 02:06 PM	<0.212	-	-	g/s	Calculated

Guideline (1) Environmental Impact Assessment Report of Gulf Power Generation Co., Ltd.
Guideline (2) Notification of the Ministry of Natural Resources and Environment, 2010 (B.E. 2553) on Emission Standard from New Power Plants.

Technical Management

Saratat Mongkrajavit

Saratat Mongkrajavit
Scientist (4)
โทรศัพท์ ๖-204-๖-4719

Approved by

Yupaporn Champleng

Yupaporn Champleng
Acting General Manager
โทรศัพท์ ๖-204-๖-4700

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586717
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3406516-1

Page 1 of 1

Sample Description	Air Quality						
Location	สถานีวัด (GPS 47P 0716672, 1616878)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586717-1 Oct 02, 2025	2586717-2 Oct 03, 2025	2586717-3 Oct 04, 2025	2586717-4 Oct 05, 2025	2586717-5 Oct 06, 2025	-	-
11:00 AM - 12:00 PM	0.0060	0.0091	0.0054	0.0023	0.0040	-	-
12:00 PM - 01:00 PM	0.0052	0.0242	0.0068	0.0054	0.0034	-	-
01:00 PM - 02:00 PM	0.0049	0.0120	0.0050	0.0059	0.0034	-	-
02:00 PM - 03:00 PM	0.0051	0.0127	0.0043	0.0050	0.0022	-	-
03:00 PM - 04:00 PM	0.0061	0.0047	0.0044	0.0042	0.0021	-	-
04:00 PM - 05:00 PM	0.0053	0.0049	0.0052	0.0073	0.0049	-	-
05:00 PM - 06:00 PM	0.0118	0.0070	0.0076	0.0092	0.0189	-	-
06:00 PM - 07:00 PM	0.0119	0.0132	0.0102	0.0106	0.0227	-	-
07:00 PM - 08:00 PM	0.0148	0.0144	0.0128	0.0079	0.0230	-	-
08:00 PM - 09:00 PM	0.0159	0.0141	0.0097	0.0068	0.0114	-	-
09:00 PM - 10:00 PM	0.0140	0.0142	0.0085	0.0072	0.0115	-	-
10:00 PM - 11:00 PM	0.0125	0.0100	0.0086	0.0101	0.0089	-	-
11:00 PM - 12:00 AM	0.0139	0.0099	0.0100	0.0098	0.0101	-	-
12:00 AM - 01:00 AM	0.0138	0.0067	0.0098	0.0077	0.0091	-	-
01:00 AM - 02:00 AM	0.0102	0.0071	0.0086	0.0087	0.0094	-	-
02:00 AM - 03:00 AM	0.0097	0.0066	0.0075	0.0080	0.0097	-	-
03:00 AM - 04:00 AM	0.0096	0.0047	0.0064	0.0083	0.0081	-	-
04:00 AM - 05:00 AM	0.0088	0.0046	0.0068	0.0092	0.0083	-	-
05:00 AM - 06:00 AM	0.0101	0.0049	0.0075	0.0098	0.0086	-	-
06:00 AM - 07:00 AM	0.0044	0.0040	0.0217	0.0067	0.0069	-	-
07:00 AM - 08:00 AM	0.0072	0.0120	0.0098	0.0031	0.0060	-	-
08:00 AM - 09:00 AM	0.0131	0.0248	0.0040	0.0030	0.0058	-	-
09:00 AM - 10:00 AM	0.0068	0.0106	0.0027	0.0055	0.0065	-	-
10:00 AM - 11:00 AM	0.0108	0.0046	0.0028	0.0056	0.0059	-	-
Average	0.0097	0.0100	0.0078	0.0070	0.0088	-	-
1hr - Maximum	0.0159	0.0248	0.0217	0.0106	0.0230	-	-
Standard 1hr - Average	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 : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586717
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427894-1

Page 1 of 1

Sample Description	Air Quality						
Location	สถานีวัด (GPS 47P 0716346, 1614215)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586717-6 Oct 02, 2025	2586717-7 Oct 03, 2025	2586717-8 Oct 04, 2025	2586717-9 Oct 05, 2025	2586717-10 Oct 06, 2025	-	-
09:00 AM - 10:00 AM	0.0111	0.0184	0.0062	0.0044	0.0065	-	-
10:00 AM - 11:00 AM	0.0081	0.0269	0.0060	0.0062	0.0048	-	-
11:00 AM - 12:00 PM	0.0046	0.0098	0.0100	0.0076	0.0047	-	-
12:00 PM - 01:00 PM	0.0063	0.0087	0.0069	0.0077	0.0054	-	-
01:00 PM - 02:00 PM	0.0084	0.0175	0.0087	0.0062	0.0056	-	-
02:00 PM - 03:00 PM	0.0111	0.0063	0.0068	0.0062	0.0055	-	-
03:00 PM - 04:00 PM	0.0109	0.0115	0.0081	0.0088	0.0243	-	-
04:00 PM - 05:00 PM	0.0238	0.0087	0.0103	0.0174	0.0323	-	-
05:00 PM - 06:00 PM	0.0247	0.0259	0.0109	0.0124	0.0310	-	-
06:00 PM - 07:00 PM	0.0217	0.0216	0.0140	0.0151	0.0262	-	-
07:00 PM - 08:00 PM	0.0178	0.0186	0.0231	0.0141	0.0142	-	-
08:00 PM - 09:00 PM	0.0156	0.0174	0.0205	0.0195	0.0152	-	-
09:00 PM - 10:00 PM	0.0142	0.0150	0.0162	0.0160	0.0144	-	-
10:00 PM - 11:00 PM	0.0123	0.0138	0.0138	0.0115	0.0147	-	-
11:00 PM - 12:00 AM	0.0114	0.0113	0.0135	0.0102	0.0129	-	-
12:00 AM - 01:00 AM	0.0127	0.0115	0.0129	0.0092	0.0126	-	-
01:00 AM - 02:00 AM	0.0110	0.0109	0.0134	0.0111	0.0111	-	-
02:00 AM - 03:00 AM	0.0162	0.0095	0.0116	0.0117	0.0089	-	-
03:00 AM - 04:00 AM	0.0134	0.0083	0.0108	0.0103	0.0101	-	-
04:00 AM - 05:00 AM	0.0096	0.0076	0.0089	0.0100	0.0091	-	-
05:00 AM - 06:00 AM	0.0114	0.0119	0.0143	0.0068	0.0075	-	-
06:00 AM - 07:00 AM	0.0129	0.0213	0.0079	0.0053	0.0061	-	-
07:00 AM - 08:00 AM	0.0135	0.0136	0.0059	0.0049	0.0068	-	-
08:00 AM - 09:00 AM	0.0190	0.0070	0.0053	0.0063	0.0064	-	-
Average	0.0134	0.0139	0.0111	0.0100	0.0124	-	-
1hr - Maximum	0.0247	0.0269	0.0231	0.0195	0.0323	-	-
Standard 1hr - Average	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 : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Orawan R.
Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586717
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427896-1

Page 1 of 1

Sample Description	Air Quality						
Location	สถานีวัด (GPS 47P 0716936, 1618456)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586717-11 Oct 02, 2025	2586717-12 Oct 03, 2025	2586717-13 Oct 04, 2025	2586717-14 Oct 05, 2025	2586717-15 Oct 06, 2025	-	-
12:00 PM - 01:00 PM	0.0065	0.0145	0.0090	0.0075	0.0050	-	-
01:00 PM - 02:00 PM	0.0072	0.0114	0.0076	0.0068	0.0071	-	-
02:00 PM - 03:00 PM	0.0099	0.0083	0.0105	0.0064	0.0088	-	-
03:00 PM - 04:00 PM	0.0119	0.0083	0.0111	0.0069	0.0134	-	-
04:00 PM - 05:00 PM	0.0149	0.0101	0.0155	0.0110	0.0261	-	-
05:00 PM - 06:00 PM	0.0234	0.0128	0.0144	0.0119	0.0261	-	-
06:00 PM - 07:00 PM	0.0213	0.0146	0.0181	0.0111	0.0279	-	-
07:00 PM - 08:00 PM	0.0156	0.0186	0.0177	0.0135	0.0127	-	-
08:00 PM - 09:00 PM	0.0202	0.0187	0.0124	0.0125	0.0132	-	-
09:00 PM - 10:00 PM	0.0215	0.0162	0.0144	0.0119	0.0102	-	-
10:00 PM - 11:00 PM	0.0200	0.0149	0.0165	0.0134	0.0122	-	-
11:00 PM - 12:00 AM	0.0167	0.0132	0.0128	0.0104	0.0101	-	-
12:00 AM - 01:00 AM	0.0158	0.0144	0.0092	0.0095	0.0106	-	-
01:00 AM - 02:00 AM	0.0130	0.0130	0.0108	0.0091	0.0110	-	-
02:00 AM - 03:00 AM	0.0106	0.0122	0.0115	0.0097	0.0100	-	-
03:00 AM - 04:00 AM	0.0118	0.0130	0.0131	0.0092	0.0122	-	-
04:00 AM - 05:00 AM	0.0129	0.0135	0.0125	0.0102	0.0112	-	-
05:00 AM - 06:00 AM	0.0126	0.0096	0.0135	0.0097	0.0094	-	-
06:00 AM - 07:00 AM	0.0137	0.0130	0.0229	0.0069	0.0080	-	-
07:00 AM - 08:00 AM	0.0140	0.0318	0.0074	0.0069	0.0088	-	-
08:00 AM - 09:00 AM	0.0120	0.0139	0.0065	0.0084	0.0090	-	-
09:00 AM - 10:00 AM	0.0223	0.0104	0.0061	0.0068	0.0072	-	-
10:00 AM - 11:00 AM	0.0270	0.0069	0.0052	0.0075	0.0058	-	-
11:00 AM - 12:00 PM	0.0231	0.0069	0.0068	0.0050	0.0060	-	-
Average	0.0157	0.0133	0.0119	0.0093	0.0118	-	-
1hr - Maximum	0.0270	0.0318	0.0229	0.0135	0.0279	-	-
Standard 1hr - Average	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 : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Orawan R.
Orawan Rakyong
Scientist (3)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586717
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427897-1

Page 1 of 1

Sample Description	Air Quality							
Location	สถานีวัด (GPS 47P 0720448, 1616483)							
Parameter	Nitrogen dioxide (ppm)							
Measurement Date	Oct 02, 2025 - Oct 07, 2025							
Measurement by	Teeravut Sukdee							
Time	2586717-16 Oct 02, 2025	2586717-17 Oct 03, 2025	2586717-18 Oct 04, 2025	2586717-19 Oct 05, 2025	2586717-20 Oct 06, 2025	-	-	
01:00 PM - 02:00 PM	0.0039	0.0098	0.0033	0.0027	0.0025	-	-	
02:00 PM - 03:00 PM	0.0016	0.0174	0.0030	0.0034	0.0039	-	-	
03:00 PM - 04:00 PM	0.0039	0.0124	0.0027	0.0037	0.0021	-	-	
04:00 PM - 05:00 PM	0.0027	0.0092	0.0037	0.0024	0.0043	-	-	
05:00 PM - 06:00 PM	0.0035	0.0045	0.0048	0.0032	0.0055	-	-	
06:00 PM - 07:00 PM	0.0044	0.0035	0.0055	0.0043	0.0072	-	-	
07:00 PM - 08:00 PM	0.0043	0.0067	0.0029	0.0046	0.0096	-	-	
08:00 PM - 09:00 PM	0.0040	0.0061	0.0032	0.0051	0.0100	-	-	
09:00 PM - 10:00 PM	0.0044	0.0075	0.0032	0.0060	0.0081	-	-	
10:00 PM - 11:00 PM	0.0041	0.0056	0.0033	0.0039	0.0060	-	-	
11:00 PM - 12:00 AM	0.0057	0.0040	0.0035	0.0046	0.0069	-	-	
12:00 AM - 01:00 AM	0.0053	0.0042	0.0040	0.0042	0.0043	-	-	
01:00 AM - 02:00 AM	0.0044	0.0033	0.0030	0.0027	0.0040	-	-	
02:00 AM - 03:00 AM	0.0045	0.0021	0.0027	0.0040	0.0048	-	-	
03:00 AM - 04:00 AM	0.0043	0.0019	0.0020	0.0036	0.0042	-	-	
04:00 AM - 05:00 AM	0.0065	0.0013	0.0026	0.0029	0.0037	-	-	
05:00 AM - 06:00 AM	0.0050	0.0010	0.0023	0.0034	0.0038	-	-	
06:00 AM - 07:00 AM	0.0039	0.0010	0.0026	0.0035	0.0038	-	-	
07:00 AM - 08:00 AM	0.0025	0.0010	0.0029	0.0041	0.0036	-	-	
08:00 AM - 09:00 AM	0.0027	0.0033	0.0259	0.0021	0.0030	-	-	
09:00 AM - 10:00 AM	0.0047	0.0067	0.0028	0.0020	0.0031	-	-	
10:00 AM - 11:00 AM	0.0023	0.0069	0.0024	0.0025	0.0029	-	-	
11:00 AM - 12:00 PM	0.0033	0.0102	0.0019	0.0034	0.0022	-	-	
12:00 PM - 01:00 PM	0.0037	0.0033	0.0020	0.0033	0.0022	-	-	
Average	0.0040	0.0055	0.0040	0.0036	0.0046	-	-	
1hr - Maximum	0.0065	0.0174	0.0259	0.0060	0.0100	-	-	
Standard 1hr - Average	0.170	0.170	0.170	0.170	0.170	-	-	



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586717
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427899-1

Page 1 of 1

Sample Description	Air Quality						
Location	สถานีวัด (GPS 47P 0718743, 1613890)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586717-21 Oct 02, 2025	2586717-22 Oct 03, 2025	2586717-23 Oct 04, 2025	2586717-24 Oct 05, 2025	2586717-25 Oct 06, 2025	-	-
02:00 PM - 03:00 PM	0.0047	0.0210	0.0073	0.0046	0.0094	-	-
03:00 PM - 04:00 PM	0.0024	0.0215	0.0160	0.0049	0.0075	-	-
04:00 PM - 05:00 PM	0.0033	0.0242	0.0066	0.0052	0.0058	-	-
05:00 PM - 06:00 PM	0.0013	0.0077	0.0025	0.0043	0.0043	-	-
06:00 PM - 07:00 PM	0.0019	0.0116	0.0011	0.0023	0.0042	-	-
07:00 PM - 08:00 PM	0.0019	0.0062	0.0018	0.0030	0.0045	-	-
08:00 PM - 09:00 PM	0.0053	0.0054	0.0020	0.0020	0.0101	-	-
09:00 PM - 10:00 PM	0.0032	0.0062	0.0020	0.0010	0.0093	-	-
10:00 PM - 11:00 PM	0.0039	0.0072	0.0014	0.0010	0.0058	-	-
11:00 PM - 12:00 AM	0.0047	0.0075	0.0014	0.0016	0.0091	-	-
12:00 AM - 01:00 AM	0.0046	0.0071	0.0020	0.0019	0.0062	-	-
01:00 AM - 02:00 AM	0.0052	0.0079	0.0032	0.0016	0.0059	-	-
02:00 AM - 03:00 AM	0.0039	0.0059	0.0023	0.0022	0.0072	-	-
03:00 AM - 04:00 AM	0.0120	0.0044	0.0012	0.0025	0.0050	-	-
04:00 AM - 05:00 AM	0.0066	0.0044	0.0016	0.0029	0.0053	-	-
05:00 AM - 06:00 AM	0.0022	0.0039	0.0023	0.0027	0.0066	-	-
06:00 AM - 07:00 AM	0.0086	0.0072	0.0031	0.0025	0.0079	-	-
07:00 AM - 08:00 AM	0.0082	0.0136	0.0021	0.0018	0.0051	-	-
08:00 AM - 09:00 AM	0.0034	0.0052	0.0024	0.0016	0.0038	-	-
09:00 AM - 10:00 AM	0.0128	0.0016	0.0028	0.0023	0.0030	-	-
10:00 AM - 11:00 AM	0.0072	0.0021	0.0014	0.0062	0.0026	-	-
11:00 AM - 12:00 PM	0.0169	0.0013	0.0014	0.0103	0.0022	-	-
12:00 PM - 01:00 PM	0.0164	0.0012	0.0030	0.0066	0.0020	-	-
01:00 PM - 02:00 PM	0.0126	0.0035	0.0045	0.0084	0.0020	-	-
Average	0.0064	0.0078	0.0031	0.0035	0.0056	-	-
1hr - Maximum	0.0169	0.0242	0.0160	0.0103	0.0101	-	-
Standard 1hr - Average	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 : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586717
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427900-1

Page 1 of 1

Sample Description	Air Quality						
Location	สถานีวัด (GPS 47P 0718014, 1615286)						
Parameter	Nitrogen dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586717-26 Oct 02, 2025	2586717-27 Oct 03, 2025	2586717-28 Oct 04, 2025	2586717-29 Oct 05, 2025	2586717-30 Oct 06, 2025	-	-
10:00 AM - 11:00 AM	0.0039	0.0219	0.0020	0.0021	0.0049	-	-
11:00 AM - 12:00 PM	0.0043	0.0173	0.0029	0.0029	0.0032	-	-
12:00 PM - 01:00 PM	0.0019	0.0119	0.0042	0.0045	0.0027	-	-
01:00 PM - 02:00 PM	0.0041	0.0077	0.0035	0.0049	0.0035	-	-
02:00 PM - 03:00 PM	0.0040	0.0090	0.0047	0.0041	0.0023	-	-
03:00 PM - 04:00 PM	0.0067	0.0033	0.0050	0.0051	0.0039	-	-
04:00 PM - 05:00 PM	0.0056	0.0036	0.0052	0.0066	0.0172	-	-
05:00 PM - 06:00 PM	0.0086	0.0037	0.0081	0.0098	0.0293	-	-
06:00 PM - 07:00 PM	0.0117	0.0129	0.0100	0.0071	0.0242	-	-
07:00 PM - 08:00 PM	0.0113	0.0135	0.0155	0.0089	0.0243	-	-
08:00 PM - 09:00 PM	0.0093	0.0118	0.0272	0.0105	0.0090	-	-
09:00 PM - 10:00 PM	0.0119	0.0105	0.0218	0.0150	0.0086	-	-
10:00 PM - 11:00 PM	0.0124	0.0098	0.0142	0.0167	0.0095	-	-
11:00 PM - 12:00 AM	0.0099	0.0070	0.0141	0.0086	0.0106	-	-
12:00 AM - 01:00 AM	0.0091	0.0059	0.0143	0.0059	0.0107	-	-
01:00 AM - 02:00 AM	0.0093	0.0062	0.0142	0.0059	0.0107	-	-
02:00 AM - 03:00 AM	0.0080	0.0047	0.0149	0.0077	0.0093	-	-
03:00 AM - 04:00 AM	0.0098	0.0046	0.0109	0.0078	0.0082	-	-
04:00 AM - 05:00 AM	0.0068	0.0038	0.0107	0.0100	0.0082	-	-
05:00 AM - 06:00 AM	0.0040	0.0035	0.0093	0.0073	0.0083	-	-
06:00 AM - 07:00 AM	0.0059	0.0056	0.0116	0.0040	0.0055	-	-
07:00 AM - 08:00 AM	0.0066	0.0098	0.0066	0.0020	0.0042	-	-
08:00 AM - 09:00 AM	0.0051	0.0056	0.0028	0.0023	0.0048	-	-
09:00 AM - 10:00 AM	0.0097	0.0022	0.0022	0.0036	0.0040	-	-
Average	0.0075	0.0082	0.0098	0.0068	0.0095	-	-
1hr - Maximum	0.0124	0.0219	0.0272	0.0167	0.0293	-	-
Standard 1hr - Average	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 : U.S. Environmental Protection Agency Method Part 50 App. F (Chemiluminescence)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586719
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3406518-1

Page 1 of 1

Sample Description	Air Quality						
Location	สถานีวัด (GPS 47P 0716672, 1616878)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586719-1 Oct 02, 2025	2586719-2 Oct 03, 2025	2586719-3 Oct 04, 2025	2586719-4 Oct 05, 2025	2586719-5 Oct 06, 2025	-	-
11:00 AM - 12:00 PM	0.0004	0.0009	0.0002	0.0007	0.0009	-	-
12:00 PM - 01:00 PM	0.0004	0.0009	0.0002	0.0007	0.0009	-	-
01:00 PM - 02:00 PM	0.0002	0.0009	0.0003	0.0008	0.0010	-	-
02:00 PM - 03:00 PM	0.0004	0.0009	0.0003	0.0008	0.0010	-	-
03:00 PM - 04:00 PM	0.0005	0.0008	0.0002	0.0008	0.0013	-	-
04:00 PM - 05:00 PM	0.0005	0.0010	0.0003	0.0008	0.0010	-	-
05:00 PM - 06:00 PM	0.0004	0.0009	0.0002	0.0009	0.0010	-	-
06:00 PM - 07:00 PM	0.0007	0.0008	0.0002	0.0009	0.0010	-	-
07:00 PM - 08:00 PM	0.0008	0.0009	0.0003	0.0008	0.0010	-	-
08:00 PM - 09:00 PM	0.0008	0.0009	0.0003	0.0008	0.0010	-	-
09:00 PM - 10:00 PM	0.0007	0.0008	0.0002	0.0008	0.0011	-	-
10:00 PM - 11:00 PM	0.0007	0.0009	0.0004	0.0009	0.0009	-	-
11:00 PM - 12:00 AM	0.0009	0.0009	0.0007	0.0009	0.0009	-	-
12:00 AM - 01:00 AM	0.0010	0.0006	0.0008	0.0009	0.0009	-	-
01:00 AM - 02:00 AM	0.0010	0.0006	0.0008	0.0008	0.0010	-	-
02:00 AM - 03:00 AM	0.0009	0.0004	0.0008	0.0008	0.0010	-	-
03:00 AM - 04:00 AM	0.0009	0.0004	0.0008	0.0010	0.0010	-	-
04:00 AM - 05:00 AM	0.0010	0.0003	0.0008	0.0009	0.0009	-	-
05:00 AM - 06:00 AM	0.0010	0.0003	0.0007	0.0012	0.0009	-	-
06:00 AM - 07:00 AM	0.0012	0.0003	0.0008	0.0010	0.0010	-	-
07:00 AM - 08:00 AM	0.0009	0.0002	0.0007	0.0010	0.0012	-	-
08:00 AM - 09:00 AM	0.0009	0.0003	0.0007	0.0009	0.0011	-	-
09:00 AM - 10:00 AM	0.0009	0.0002	0.0009	0.0011	0.0011	-	-
10:00 AM - 11:00 AM	0.0009	0.0002	0.0007	0.0010	0.0011	-	-
Average	0.0008	0.0006	0.0005	0.0009	0.0010	-	-
1hr - Maximum	0.0012	0.0010	0.0009	0.0012	0.0013	-	-
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	-	-
Standard 24 hrs - Average	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 : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586719
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427902-1

Page 1 of 1

Sample Description	Air Quality						
Location	สถานีวัด (GPS 47P 0716346, 1614215)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586719-6 Oct 02, 2025	2586719-7 Oct 03, 2025	2586719-8 Oct 04, 2025	2586719-9 Oct 05, 2025	2586719-10 Oct 06, 2025	-	-
09:00 AM - 10:00 AM	0.0055	0.0027	0.0035	0.0024	0.0028	-	-
10:00 AM - 11:00 AM	0.0066	0.0032	0.0031	0.0023	0.0022	-	-



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586719
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427903-1

Page 1 of 1

Sample Description	Air Quality						
Location	บ้านนา (GPS 47P 0716936, 1618456)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586719-11 Oct 02, 2025	2586719-12 Oct 03, 2025	2586719-13 Oct 04, 2025	2586719-14 Oct 05, 2025	2586719-15 Oct 06, 2025	-	-
12:00 PM - 01:00 PM	0.0015	0.0014	0.0008	0.0010	0.0013	-	-
01:00 PM - 02:00 PM	0.0010	0.0012	0.0009	0.0010	0.0012	-	-
02:00 PM - 03:00 PM	0.0010	0.0010	0.0008	0.0009	0.0009	-	-
03:00 PM - 04:00 PM	0.0011	0.0008	0.0010	0.0008	0.0008	-	-
04:00 PM - 05:00 PM	0.0011	0.0009	0.0011	0.0009	0.0008	-	-
05:00 PM - 06:00 PM	0.0011	0.0010	0.0012	0.0010	0.0009	-	-
06:00 PM - 07:00 PM	0.0012	0.0013	0.0013	0.0013	0.0010	-	-
07:00 PM - 08:00 PM	0.0012	0.0016	0.0016	0.0013	0.0011	-	-
08:00 PM - 09:00 PM	0.0013	0.0016	0.0016	0.0016	0.0011	-	-
09:00 PM - 10:00 PM	0.0014	0.0016	0.0016	0.0014	0.0012	-	-
10:00 PM - 11:00 PM	0.0013	0.0016	0.0018	0.0016	0.0012	-	-
11:00 PM - 12:00 AM	0.0014	0.0018	0.0017	0.0015	0.0013	-	-
12:00 AM - 01:00 AM	0.0014	0.0018	0.0017	0.0016	0.0015	-	-
01:00 AM - 02:00 AM	0.0013	0.0017	0.0018	0.0016	0.0015	-	-
02:00 AM - 03:00 AM	0.0015	0.0018	0.0019	0.0017	0.0014	-	-
03:00 AM - 04:00 AM	0.0015	0.0020	0.0019	0.0017	0.0015	-	-
04:00 AM - 05:00 AM	0.0014	0.0022	0.0020	0.0018	0.0017	-	-
05:00 AM - 06:00 AM	0.0014	0.0019	0.0019	0.0017	0.0017	-	-
06:00 AM - 07:00 AM	0.0015	0.0014	0.0013	0.0012	0.0017	-	-
07:00 AM - 08:00 AM	0.0015	0.0011	0.0009	0.0010	0.0015	-	-
08:00 AM - 09:00 AM	0.0014	0.0008	0.0009	0.0010	0.0013	-	-
09:00 AM - 10:00 AM	0.0015	0.0008	0.0009	0.0012	0.0013	-	-
10:00 AM - 11:00 AM	0.0018	0.0009	0.0010	0.0013	0.0014	-	-
11:00 AM - 12:00 PM	0.0013	0.0008	0.0009	0.0014	0.0014	-	-
Average	0.0013	0.0014	0.0014	0.0013	0.0013	-	-
1hr - Maximum	0.0018	0.0022	0.0020	0.0018	0.0017	-	-
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	-	-
Standard 24 hrs - Average	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 : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586719
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427905-1

Page 1 of 1

Sample Description	Air Quality						
Location	บ้านนา (GPS 47P 0720448, 1616483)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586719-16 Oct 02, 2025	2586719-17 Oct 03, 2025	2586719-18 Oct 04, 2025	2586719-19 Oct 05, 2025	2586719-20 Oct 06, 2025	-	-
01:00 PM - 02:00 PM	0.0032	0.0039	0.0036	0.0034	0.0032	-	-
02:00 PM - 03:00 PM	0.0033	0.0052	0.0036	0.0034	0.0033	-	-
03:00 PM - 04:00 PM	0.0033	0.0041	0.0037	0.0036	0.0031	-	-
04:00 PM - 05:00 PM	0.0030	0.0037	0.0036	0.0034	0.0030	-	-
05:00 PM - 06:00 PM	0.0030	0.0035	0.0035	0.0032	0.0030	-	-
06:00 PM - 07:00 PM	0.0032	0.0036	0.0036	0.0034	0.0032	-	-
07:00 PM - 08:00 PM	0.0035	0.0039	0.0036	0.0036	0.0035	-	-
08:00 PM - 09:00 PM	0.0032	0.0039	0.0037	0.0038	0.0038	-	-
09:00 PM - 10:00 PM	0.0034	0.0039	0.0038	0.0038	0.0040	-	-
10:00 PM - 11:00 PM	0.0035	0.0039	0.0038	0.0036	0.0040	-	-
11:00 PM - 12:00 AM	0.0036	0.0038	0.0037	0.0036	0.0039	-	-
12:00 AM - 01:00 AM	0.0035	0.0039	0.0037	0.0036	0.0039	-	-
01:00 AM - 02:00 AM	0.0034	0.0037	0.0036	0.0037	0.0040	-	-
02:00 AM - 03:00 AM	0.0033	0.0037	0.0037	0.0036	0.0042	-	-
03:00 AM - 04:00 AM	0.0033	0.0037	0.0035	0.0035	0.0044	-	-
04:00 AM - 05:00 AM	0.0033	0.0036	0.0035	0.0034	0.0042	-	-
05:00 AM - 06:00 AM	0.0035	0.0036	0.0033	0.0036	0.0043	-	-
06:00 AM - 07:00 AM	0.0036	0.0035	0.0032	0.0035	0.0043	-	-
07:00 AM - 08:00 AM	0.0036	0.0036	0.0030	0.0033	0.0041	-	-
08:00 AM - 09:00 AM	0.0036	0.0036	0.0030	0.0033	0.0040	-	-
09:00 AM - 10:00 AM	0.0037	0.0037	0.0031	0.0033	0.0040	-	-
10:00 AM - 11:00 AM	0.0036	0.0035	0.0032	0.0032	0.0036	-	-
11:00 AM - 12:00 PM	0.0035	0.0035	0.0033	0.0032	0.0036	-	-
12:00 PM - 01:00 PM	0.0036	0.0037	0.0033	0.0033	0.0035	-	-
Average	0.0034	0.0038	0.0035	0.0035	0.0038	-	-
1hr - Maximum	0.0037	0.0052	0.0038	0.0038	0.0044	-	-
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	-	-
Standard 24 hrs - Average	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 : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

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Approved by

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S:\Reports_Air SON\Kpr (504PM)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586719
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427907-1

Page 1 of 1

Sample Description	Air Quality						
Location	บ้านนา (GPS 47P 0718743, 1613890)						
Parameter	Sulfur Dioxide (ppm)						
Measurement Date	Oct 02, 2025 - Oct 07, 2025						
Measurement by	Teeravut Sukdee						
Time	2586719-21 Oct 02, 2025	2586719-22 Oct 03, 2025	2586719-23 Oct 04, 2025	2586719-24 Oct 05, 2025	2586719-25 Oct 06, 2025	-	-
02:00 PM - 03:00 PM	0.0047	0.0048	0.0041	0.0023	0.0044	-	-
03:00 PM - 04:00 PM	0.0042	0.0042	0.0079	0.0023	0.0044	-	-
04:00 PM - 05:00 PM	0.0042	0.0067	0.0077	0.0023	0.0044	-	-
05:00 PM - 06:00 PM	0.0039	0.0071	0.0079	0.0022	0.0042	-	-
06:00 PM - 07:00 PM	0.0036	0.0056	0.0040	0.0022	0.0041	-	-
07:00 PM - 08:00 PM	0.0045	0.0037	0.0040	0.0022	0.0041	-	-
08:00 PM - 09:00 PM	0.0024	0.0029	0.0038	0.0020	0.0038	-	-
09:00 PM - 10:00 PM	0.0021	0.0021	0.0035	0.0020	0.0037	-	-
10:00 PM - 11:00 PM	0.0022	0.0029	0.0035	0.0020	0.0036	-	-
11:00 PM - 12:00 AM	0.0020	0.0039	0.0034	0.0019	0.0040	-	-
12:00 AM - 01:00 AM	0.0022	0.0029	0.0033	0.0020	0.0045	-	-
01:00 AM - 02:00 AM	0.0023	0.0021	0.0022	0.0038	0.0045	-	-
02:00 AM - 03:00 AM	0.0020	0.0025	0.0031	0.0039	0.0046	-	-
03:00 AM - 04:00 AM	0.0097	0.0023	0.0031	0.0040	0.0049	-	-
04:00 AM - 05:00 AM	0.0095	0.0025	0.0030	0.0032	0.0048	-	-
05:00 AM - 06:00 AM	0.0094	0.0060	0.0030	0.0035	0.0047	-	-
06:00 AM - 07:00 AM	0.0092	0.0067	0.0029	0.0040	0.0045	-	-
07:00 AM - 08:00 AM	0.0094	0.0085	0.0028	0.0035	0.0046	-	-
08:00 AM - 09:00 AM	0.0093	0.0095	0.0028	0.0058	0.0043	-	-
09:00 AM - 10:00 AM	0.0089	0.0090	0.0028	0.0052	0.0043	-	-
10:00 AM - 11:00 AM	0.0087	0.0093	0.0024	0.0052	0.0042	-	-
11:00 AM - 12:00 PM	0.0095	0.0076	0.0024	0.0049	0.0043	-	-
12:00 PM - 01:00 PM	0.0041	0.0078	0.0024	0.0047	0.0040	-	-
01:00 PM - 02:00 PM	0.0048	0.0041	0.0023	0.0045	0.0042	-	-
Average	0.0055	0.0052	0.0037	0.0033	0.0043	-	-
1hr - Maximum	0.0097	0.0095	0.0079	0.0058	0.0049	-	-
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	-	-
Standard 24 hrs - Average	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 : U.S. Environmental Protection Agency, EPA Method Part 53 and 58

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S:\Reports_Air SON\Kpr (504PM)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586719
Date Received : Oct 08, 2025
Date Reported : Oct 15, 2025
Report Number: 3427912-1

Page 1 of 1

Sample Description	Air Quality							
Location	ภายในพื้นที่โรงไฟฟ้า (GPS 47P 0718014, 1615286)							
Parameter	Sulfur Dioxide (ppm)							
Measurement Date	Oct 02, 2025 - Oct 07, 2025							
Measurement by	Teeravut Sukdee							
	2586719-26 Oct 02, 2025	2586719-27 Oct 03, 2025	2586719-28 Oct 04, 2025	2586719-29 Oct 05, 2025	2586719-30 Oct 06, 2025	-	-	
Time								
10:00 AM - 11:00 AM	0.0012	0.0011	0.0014	0.0030	0.0016	-	-	
11:00 AM - 12:00 PM	0.0013	0.0009	0.0025	0.0020	0.0020	-	-	
12:00 PM - 01:00 PM	0.0011	0.0011	0.0016	0.0015	0.0021	-	-	
01:00 PM - 02:00 PM	0.0011	0.0010	0.0013	0.0015	0.0019	-	-	
02:00 PM - 03:00 PM	0.0011	0.0010	0.0017	0.0017	0.0023	-	-	
03:00 PM - 04:00 PM	0.0010	0.0010	0.0018	0.0016	0.0028	-	-	
04:00 PM - 05:00 PM	0.0010	0.0011	0.0027	0.0012	0.0018	-	-	
05:00 PM - 06:00 PM	0.0010	0.0010	0.0012	0.0011	0.0016	-	-	
06:00 PM - 07:00 PM	0.0010	0.0010	0.0012	0.0017	0.0015	-	-	
07:00 PM - 08:00 PM	0.0010	0.0010	0.0012	0.0012	0.0016	-	-	
08:00 PM - 09:00 PM	0.0011	0.0010	0.0011	0.0013	0.0015	-	-	
09:00 PM - 10:00 PM	0.0011	0.0010	0.0017	0.0014	0.0013	-	-	
10:00 PM - 11:00 PM	0.0011	0.0010	0.0015	0.0020	0.0016	-	-	
11:00 PM - 12:00 AM	0.0010	0.0010	0.0013	0.0014	0.0012	-	-	
12:00 AM - 01:00 AM	0.0010	0.0010	0.0012	0.0014	0.0013	-	-	
01:00 AM - 02:00 AM	0.0010	0.0010	0.0011	0.0015	0.0012	-	-	
02:00 AM - 03:00 AM	0.0011	0.0010	0.0010	0.0016	0.0011	-	-	
03:00 AM - 04:00 AM	0.0011	0.0011	0.0010	0.0015	0.0011	-	-	
04:00 AM - 05:00 AM	0.0011	0.0010	0.0016	0.0018	0.0011	-	-	
05:00 AM - 06:00 AM	0.0011	0.0010	0.0011	0.0013	0.0010	-	-	
06:00 AM - 07:00 AM	0.0011	0.0012	0.0011	0.0011	0.0011	-	-	
07:00 AM - 08:00 AM	0.0011	0.0011	0.0012	0.0013	0.0011	-	-	
08:00 AM - 09:00 AM	0.0011	0.0011	0.0014	0.0012	0.0012	-	-	
09:00 AM - 10:00 AM	0.0010	0.0010	0.0027	0.0015	0.0017	-	-	
Average	0.0011	0.0010	0.0015	0.0015	0.0015	-	-	
1hr - Maximum	0.0013	0.0012	0.0027	0.0030	0.0028	-	-	
Standard 1hr - Average	0.3	0.3	0.3	0.3	0.3	-	-	
Standard 24 hrs - Average	0.12	0.12	0.12	0.12	0.12	-	-	



Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

Page 1 of 30

Sample Number : 2586720-1
Sampled Date : Oct 02, 2025
Sample Description : Air Quality
Location : บ้านนาไร่ (GPS47P 0716672, 1616878)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	02/10/25 - 03/10/25	mg/m3	-	0.005	0.029	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	02/10/25 - 03/10/25	mg/m3	-	0.005	0.045	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

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.

Approved by

*Saranya C.*Saranya Chalermitthamrong
Scientist (4)

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

Page 2 of 30

Sample Number : 2586720-2
Sampled Date : Oct 03, 2025
Sample Description : Air Quality
Location : บ้านนาไร่ (GPS47P 0716672, 1616878)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	03/10/25 - 04/10/25	mg/m3	-	0.005	0.042	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	03/10/25 - 04/10/25	mg/m3	-	0.005	0.067	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

Page 3 of 30

Sample Number : 2586720-3
Sampled Date : Oct 04, 2025
Sample Description : Air Quality
Location : บ้านนาไร่ (GPS47P 0716672, 1616878)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	04/10/25 - 05/10/25	mg/m3	-	0.005	0.033	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	04/10/25 - 05/10/25	mg/m3	-	0.005	0.036	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

Remark :
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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

Page 4 of 30

Sample Number : 2586720-4
Sampled Date : Oct 05, 2025
Sample Description : Air Quality
Location : บ้านนาไร่ (GPS47P 0716672, 1616878)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	05/10/25 - 06/10/25	mg/m3	-	0.005	0.019	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	05/10/25 - 06/10/25	mg/m3	-	0.005	0.021	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

Page 5 of 30

Sample Number 2586720-5
Sampled Date Oct 06, 2025
Sample Description Air Quality
Location ตำบลท่าช้าง (GPS 47P 0716672, 1616878)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	06/10/25 - 07/10/25	mg/m ³	-	0.005	0.024	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	06/10/25 - 07/10/25	mg/m ³	-	0.005	0.031	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

Remark :
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Analysis / Test Report

TESTING
No.0009

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

Page 6 of 30

Sample Number 2586720-6
Sampled Date Oct 02, 2025
Sample Description Air Quality
Location ตำบลท่าช้าง (GPS 47P 0716346, 1614215)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 31.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	02/10/25 - 03/10/25	mg/m ³	-	0.005	0.030	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	02/10/25 - 03/10/25	mg/m ³	-	0.005	0.049	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

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

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Saranya Chalermitthamrong
Scientist (4)

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4891-731 (ENGL)



Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

Page 7 of 30

Sample Number 2586720-7
Sampled Date Oct 03, 2025
Sample Description Air Quality
Location ตำบลท่าช้าง (GPS 47P 0716346, 1614215)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 31.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	03/10/25 - 04/10/25	mg/m ³	-	0.005	0.034	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	03/10/25 - 04/10/25	mg/m ³	-	0.005	0.052	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

Remark :
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Approved by

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Saranya Chalermitthamrong
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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-8
Sampled Date Oct 04, 2025
Sample Description Air Quality
Location ตำบลท่าช้าง (GPS 47P 0716346, 1614215)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 31.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	04/10/25 - 05/10/25	mg/m ³	-	0.005	0.028	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	04/10/25 - 05/10/25	mg/m ³	-	0.005	0.036	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

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TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number : 2586720-9
Sampled Date : Oct 05, 2025
Sample Description : Air Quality
Location : ตำบลบ้านใหม่ (GPS 47P 0716346, 1614215)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	05/10/25 - 06/10/25	mg/m3	-	0.005	0.019	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	05/10/25 - 06/10/25	mg/m3	-	0.005	0.022	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

Guideline :
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Sampled By : Teeravut Sukdee

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number : 2586720-10
Sampled Date : Oct 06, 2025
Sample Description : Air Quality
Location : ตำบลบ้านใหม่ (GPS 47P 0716346, 1614215)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	06/10/25 - 07/10/25	mg/m3	-	0.005	0.020	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	06/10/25 - 07/10/25	mg/m3	-	0.005	0.025	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

Guideline :
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Sampled By : Teeravut Sukdee

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number : 2586720-11
Sampled Date : Oct 02, 2025
Sample Description : Air Quality
Location : ตำบลบ้านใหม่ (GPS 47P 0716936, 1618456)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	02/10/25 - 03/10/25	mg/m3	-	0.005	0.030	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	02/10/25 - 03/10/25	mg/m3	-	0.005	0.056	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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No.0009

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
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Sample Number : 2586720-12
Sampled Date : Oct 03, 2025
Sample Description : Air Quality
Location : ตำบลบ้านใหม่ (GPS 47P 0716936, 1618456)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	03/10/25 - 04/10/25	mg/m3	-	0.005	0.043	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	03/10/25 - 04/10/25	mg/m3	-	0.005	0.064	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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Project Location : KPG

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Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
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Sample Number 2586720-13
Sampled Date Oct 04, 2025
Sample Description Air Quality
Location ตำบลนาขยพิน (GPS 47P 0716936, 1618456)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.2 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	04/10/25 - 05/10/25	mg/m3	-	0.005	0.036	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	04/10/25 - 05/10/25	mg/m3	-	0.005	0.054	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-14
Sampled Date Oct 05, 2025
Sample Description Air Quality
Location ตำบลนาขยพิน (GPS 47P 0716936, 1618456)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.2 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	05/10/25 - 06/10/25	mg/m3	-	0.005	0.025	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	05/10/25 - 06/10/25	mg/m3	-	0.005	0.034	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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No.0009

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-15
Sampled Date Oct 06, 2025
Sample Description Air Quality
Location ตำบลนาขยพิน (GPS 47P 0716936, 1618456)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	06/10/25 - 07/10/25	mg/m3	-	0.005	0.025	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	06/10/25 - 07/10/25	mg/m3	-	0.005	0.040	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-16
Sampled Date Oct 02, 2025
Sample Description Air Quality
Location ตำบลไผ่ (GPS 47P 0720448, 1616483)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	02/10/25 - 03/10/25	mg/m3	-	0.005	0.038	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	02/10/25 - 03/10/25	mg/m3	-	0.005	0.061	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-17
Sampled Date Oct 03, 2025
Sample Description Air Quality
Location 7a3-1ui (GPS 47P 0720448, 1616483)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	03/10/25 - 04/10/25	mg/m3	-	0.005	0.041	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	03/10/25 - 04/10/25	mg/m3	-	0.005	0.067	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

Guideline :
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TESTING
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-18
Sampled Date Oct 04, 2025
Sample Description Air Quality
Location 7a3-1ui (GPS 47P 0720448, 1616483)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.2 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	04/10/25 - 05/10/25	mg/m3	-	0.005	0.028	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	04/10/25 - 05/10/25	mg/m3	-	0.005	0.033	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

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Approved by

*Saranya C.*Saranya Chalermitthamrong
Scientist (4)

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-19
Sampled Date Oct 05, 2025
Sample Description Air Quality
Location 7a3-1ui (GPS 47P 0720448, 1616483)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.2 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	05/10/25 - 06/10/25	mg/m3	-	0.005	0.014	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	05/10/25 - 06/10/25	mg/m3	-	0.005	0.016	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

Guideline :
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Sampled By : Teeravut Sukdee

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-20
Sampled Date Oct 06, 2025
Sample Description Air Quality
Location 7a3-1ui (GPS 47P 0720448, 1616483)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	06/10/25 - 07/10/25	mg/m3	-	0.005	0.018	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	06/10/25 - 07/10/25	mg/m3	-	0.005	0.022	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

Guideline :
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Sampled By : Teeravut Sukdee

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-21
Sampled Date Oct 02, 2025
Sample Description Air Quality
Location 7a3huna (GPS 47P 0718743, 1613890)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	02/10/25 - 03/10/25	mg/m3	-	0.005	0.028	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	02/10/25 - 03/10/25	mg/m3	-	0.005	0.038	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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Sampled By : Teeravut Sukdee

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Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-22
Sampled Date Oct 03, 2025
Sample Description Air Quality
Location 7a3huna (GPS 47P 0718743, 1613890)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	03/10/25 - 04/10/25	mg/m3	-	0.005	0.034	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	03/10/25 - 04/10/25	mg/m3	-	0.005	0.047	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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TESTING
No.0009

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-23
Sampled Date Oct 04, 2025
Sample Description Air Quality
Location 7a3huna (GPS 47P 0718743, 1613890)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	04/10/25 - 05/10/25	mg/m3	-	0.005	0.015	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	04/10/25 - 05/10/25	mg/m3	-	0.005	0.031	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number 2586720-24
Sampled Date Oct 05, 2025
Sample Description Air Quality
Location 7a3huna (GPS 47P 0718743, 1613890)
Date Analysis Commenced Oct 09, 2025
Condition of Sample Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 757 mmHg
Atmospheric Temperature 32.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	05/10/25 - 06/10/25	mg/m3	-	0.005	0.017	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	05/10/25 - 06/10/25	mg/m3	-	0.005	0.020	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number : 2586720-25
Sampled Date : Oct 06, 2025
Sample Description : Air Quality
Location : ตำบลขุนาว (GPS 47P 0718743, 1613890)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 33.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	06/10/25 - 07/10/25	mg/m3	-	0.005	0.016	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	06/10/25 - 07/10/25	mg/m3	-	0.005	0.019	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number : 2586720-26
Sampled Date : Oct 02, 2025
Sample Description : Air Quality
Location : ตำบลห้วยหินเหล็กไฟ (GPS 47P 0718014, 1615286)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 31.8 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	02/10/25 - 03/10/25	mg/m3	-	0.005	0.024	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	02/10/25 - 03/10/25	mg/m3	-	0.005	0.040	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number : 2586720-27
Sampled Date : Oct 03, 2025
Sample Description : Air Quality
Location : ตำบลห้วยหินเหล็กไฟ (GPS 47P 0718014, 1615286)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 31.8 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	03/10/25 - 04/10/25	mg/m3	-	0.005	0.045	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	03/10/25 - 04/10/25	mg/m3	-	0.005	0.063	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

Guideline :
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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

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Sample Number : 2586720-28
Sampled Date : Oct 04, 2025
Sample Description : Air Quality
Location : ตำบลห้วยหินเหล็กไฟ (GPS 47P 0718014, 1615286)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 31.8 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	04/10/25 - 05/10/25	mg/m3	-	0.005	0.025	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	04/10/25 - 05/10/25	mg/m3	-	0.005	0.028	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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4891-731 (THAI)



Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

Page 29 of 30

Sample Number : 2586720-29
Sample Date : Oct 05, 2025
Sample Description : Air Quality
Location : สถานีผลิตไฟฟ้า (GPS 47P 0718014, 1615286)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	05/10/25 - 06/10/25	mg/m ³	-	0.005	0.017	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	05/10/25 - 06/10/25	mg/m ³	-	0.005	0.020	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

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.

Approved by

Saranya C.
Saranya Chalermitthamrong
Scientist (4)

Result apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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4891 7U ENAL



Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586720
Date Received : Oct 06, 2025
Date Reported : Oct 17, 2025
Report Number : 3406520-1

Page 30 of 30

Sample Number : 2586720-30
Sample Date : Oct 06, 2025
Sample Description : Air Quality
Location : สถานีผลิตไฟฟ้า (GPS 47P 0718014, 1615286)
Date Analysis Commenced : Oct 09, 2025
Condition of Sample : Contained in one quartz filter paper (8x10 inch) placed in plastic bag and one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure : 757 mmHg
Atmospheric Temperature : 32.0 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	06/10/25 - 07/10/25	mg/m ³	-	0.005	0.019	0.12	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	
Total Suspended Particulate	06/10/25 - 07/10/25	mg/m ³	-	0.005	0.024	0.33	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix 3, revised as of July 1, 2008 (Include sampling)	NEB No.24 Bangkok	

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

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

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586722
Date Received : Oct 06, 2025
Date Reported : Oct 15, 2025
Report Number : 3406521-1

Page 1 of 2

Sample Number : 2586722-1 to 5
Parameter : Wind Speed / Wind Direction
Location : สถานีผลิตไฟฟ้า (GPS 47P 0716672, 1616878)
Sampling Date : Oct 02 - Oct 07, 2025
Sampling by : Teeravut Sukdee

Time	Oct 02 - Oct 03, 2025		Oct 03 - Oct 04, 2025		Oct 04 - Oct 05, 2025		Oct 05 - Oct 06, 2025		Oct 06 - Oct 07, 2025		-	-	-	-	-		
	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)							
11:00 AM - 12:00 PM	1.3	355.0	N	2.6	297.0	WNW	1.2	113.0	ESE	2.1	186.0	S	1.1	278.0	W		
12:00 PM - 01:00 PM	1.4	150.0	SSE	1.5	259.0	W	0.9	209.0	SSW	4.5	169.0	S	2.5	169.0	S		
01:00 PM - 02:00 PM	0.8	183.0	S	0.0	-	-	0.7	160.0	SSE	1.9	180.0	S	1.1	216.0	SW		
02:00 PM - 03:00 PM	0.2	-	-	0.0	-	-	1.8	277.0	W	1.2	127.0	SE	0.6	243.0	WSW		
03:00 PM - 04:00 PM	0.7	162.0	SSE	0.0	-	-	0.9	296.0	WNW	0.9	112.0	ESE	0.0	-	-		
04:00 PM - 05:00 PM	0.0	-	-	0.8	200.0	SSW	0.0	-	0.4	218.0	SW	0.0	-	-	-		
05:00 PM - 06:00 PM	0.0	-	-	0.0	-	-	0.2	-	0.0	-	0.0	-	-	-	-		
06:00 PM - 07:00 PM	0.2	-	-	0.0	-	-	0.0	-	0.4	247.0	WSW	0.0	-	-	-		
07:00 PM - 08:00 PM	0.4	166.0	ESE	0.0	-	-	0.0	-	0.0	-	1.0	388.0	WNW	0.0	-		
08:00 PM - 09:00 PM	0.0	-	-	0.4	45.0	NE	0.0	-	0.0	-	0.8	111.0	ESE	0.0	-		
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.8	78.0	ENE	0.0	-	0.0	-	-	-		
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	0.0	-	0.2	-	-	-	-		
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.2	-	0.0	-	0.8	184.0	S	0.0	-		
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.5	212.0	SSW	0.5	239.0	WSW	0.0	-	
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.1	-	1.1	170.0	S	0.0	-		
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.0	-	1.5	169.0	S	0.0	-		
03:00 AM - 04:00 AM	0.3	184.0	S	0.0	-	-	0.0	-	0.0	-	0.7	177.0	S	0.0	-		
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.5	72.0	ENE	0.4	189.0	S	0.8	176.0	S		
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	0.3	152.0	SSE	1.4	156.0	SSE	0.0	-	
06:00 AM - 07:00 AM	1.8	154.0	SSE	0.0	-	-	0.8	187.0	S	1.8	117.0	ESE	0.4	203.0	SSW	0.0	-
07:00 AM - 08:00 AM	0.0	-	-	1.2	183.0	S	0.7	163.0	SSE	2.1	146.0	SSE	0.4	223.0	SW	0.0	-
08:00 AM - 09:00 AM	0.0	-	-	0.6	175.0	S	4.9	176.0	S	0.7	185.0	S	1.3	188.0	S	0.0	-
09:00 AM - 10:00 AM	0.0	-	-	2.5	174.0	S	0.6	211.0	SSW	2.9	263.0	W	1.0	181.0	S	0.0	-
10:00 AM - 11:00 AM	0.5	328.0	NW	1.1	162.0	SSE	2.0	236.0	SW	0.5	219.0	SW	0.6	177.0	S	0.0	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

Approved by

Saraph Jittravont
Saraph Jittravont
Assistant General Manager

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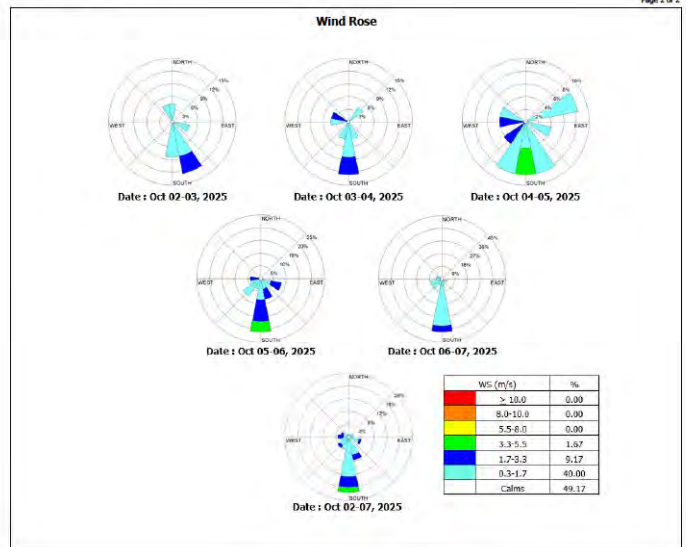


Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586722
Date Received : Oct 06, 2025
Date Reported : Oct 15, 2025
Report Number : 3406521-1

Page 2 of 2



Location : สถานีผลิตไฟฟ้า (GPS 47P 0716672, 1616878)

Approved by

Saraph Jittravont
Saraph Jittravont
Assistant General Manager

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110

Lot ID: 2586722
Date Received :Oct 06, 2025
Date Reported :Oct 15, 2025
Report Number :3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 1 of 2

Sample Number : Z586722-6 to 10
Parameter : Wind Speed / Wind Direction
Location : ไร่สุกขันธ์ (GPS 47P 0716346, 1614215)
Sampling Date : Oct 02 - Oct 07, 2025
Sampling by : Teeravut Sukdee

Time	Oct 02 - Oct 03, 2025			Oct 03 - Oct 04, 2025			Oct 04 - Oct 05, 2025			Oct 05 - Oct 06, 2025			Oct 06 - Oct 07, 2025						
	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)					
09:00 AM - 10:00 AM	0.3	352.0	N	0.2	-	-	1.1	101.0	E	1.9	140.0	SE	0.7	106.0	ESE	-	-	-	
10:00 AM - 11:00 AM	0.1	-	-	-	0.3	326.0	NW	0.6	189.0	S	0.6	165.0	SSE	1.9	266.0	W	-	-	
11:00 AM - 12:00 PM	0.9	50.0	NE	0.1	-	-	0.2	-	-	0.2	-	-	1.6	146.0	SE	-	-	-	
12:00 PM - 01:00 PM	2.2	143.0	SE	0.2	-	-	1.3	251.0	WSW	1.8	137.0	SE	1.1	275.0	W	-	-	-	
01:00 PM - 02:00 PM	0.7	163.0	SSE	1.2	271.0	W	1.4	105.0	ESE	0.5	169.0	S	2.0	296.0	WNW	-	-	-	
02:00 PM - 03:00 PM	0.2	-	-	0.1	-	-	0.3	333.0	NNW	2.5	186.0	S	1.0	220.0	SW	-	-	-	
03:00 PM - 04:00 PM	0.1	-	-	0.7	264.0	W	0.5	350.0	N	0.4	171.0	S	0.2	-	-	-	-	-	
04:00 PM - 05:00 PM	0.0	-	-	1.0	285.0	WNW	0.2	-	-	0.5	153.0	SSE	0.0	-	-	-	-	-	
05:00 PM - 06:00 PM	0.0	-	-	0.4	176.0	S	0.0	-	-	0.2	-	-	0.0	-	-	-	-	-	
06:00 PM - 07:00 PM	0.0	-	-	0.5	173.0	S	0.0	-	-	0.2	-	-	0.0	-	-	-	-	-	
07:00 PM - 08:00 PM	0.0	-	-	0.1	-	-	0.0	-	-	0.0	-	-	0.4	138.0	SE	-	-	-	
08:00 PM - 09:00 PM	0.1	-	-	0.0	-	-	0.0	-	-	1.1	220.0	SW	1.0	177.0	S	-	-	-	
09:00 PM - 10:00 PM	0.9	257.0	WSW	0.1	-	-	0.0	-	-	0.2	-	-	0.0	-	-	-	-	-	
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.1	-	-	-	-	-	
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.9	201.0	SSW	1.2	178.0	S	-	-	-	
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	1.0	174.0	S	-	-	-	-	-	-	
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.3	242.0	WSW	0.6	174.0	S	-	-	-	
02:00 AM - 03:00 AM	0.7	164.0	SSE	0.0	-	-	0.0	-	-	0.6	165.0	SSE	0.8	154.0	SSE	-	-	-	
03:00 AM - 04:00 AM	0.2	-	-	0.0	-	-	0.0	-	-	0.6	206.0	SSW	0.3	176.0	S	-	-	-	
04:00 AM - 05:00 AM	0.0	-	-	0.1	-	-	0.0	-	-	1.6	167.0	SSE	0.8	137.0	SE	-	-	-	
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.9	193.0	SSW	0.3	171.0	S	-	-	-	
06:00 AM - 07:00 AM	1.2	129.0	SE	0.0	-	-	0.3	262.0	W	1.4	249.0	WSW	0.9	129.0	SE	-	-	-	
07:00 AM - 08:00 AM	0.0	-	-	2.0	168.0	SSE	1.7	150.0	SSE	2.5	202.0	SSW	1.1	96.0	E	-	-	-	
08:00 AM - 09:00 AM	0.0	-	-	1.6	176.0	S	0.5	257.0	WSW	1.5	213.0	SSW	0.8	119.0	ESE	-	-	-	

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Approved by

Saranyuth Jitrarant
Assistant General Manager

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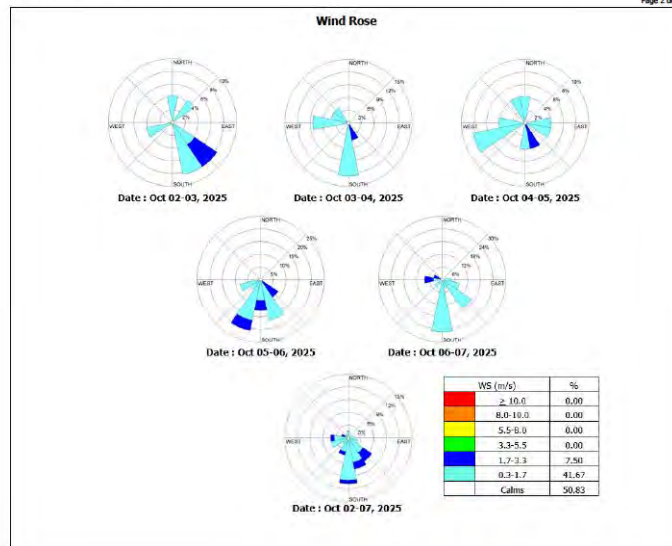
Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110

Lot ID: 2586722
Date Received :Oct 06, 2025
Date Reported :Oct 15, 2025
Report Number :3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 2 of 2



Location : ไร่สุกขันธ์ (GPS 47P 0716346, 1614215)

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Report Number :3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 1 of 2

Sample Number : Z586722-11 to 15
Parameter : Wind Speed / Wind Direction
Location : ไร่สุกขันธ์ (GPS 47P 0716346, 1618456)
Sampling Date : Oct 02 - Oct 07, 2025
Sampling by : Teeravut Sukdee

Time	Oct 02 - Oct 03, 2025			Oct 03 - Oct 04, 2025			Oct 04 - Oct 05, 2025			Oct 05 - Oct 06, 2025			Oct 06 - Oct 07, 2025			-	-	-	-
	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)		-	-	-	-
12:00 PM - 01:00 PM	2.0	43.0	NE	0.4	138.0	SE	0.5	57.0	ENE	2.0	95.0	E	0.9	146.0	SE	-	-	-	-
01:00 PM - 02:00 PM	1.0	132.0	SE	0.4	211.0	SSW	0.8	152.0	SSE	4.2	88.0	E	1.0	172.0	S	-	-	-	-
02:00 PM - 03:00 PM	1.2	99.0	E	0.5	206.0	SSW	0.4	206.0	SSW	0.7	52.0	NE	1.3	151.0	SSE	-	-	-	-
03:00 PM - 04:00 PM	0.7	28.0	NNE	1.7	25.0	NNE	0.4	200.0	SSW	1.2	114.0	ESE	0.3	142.0	SE	-	-	-	-
04:00 PM - 05:00 PM	0.9	45.0	NE	1.7	7.0	N	0.1	-	-	1.6	72.0	ENE	0.5	142.0	SE	-	-	-	-
05:00 PM - 06:00 PM	0.4	36.0	NE	0.0	-	-	0.0	-	-	0.3	140.0	SE	-	-	-	-	-	-	-
06:00 PM - 07:00 PM	0.4	354.0	N	0.0	-	-	0.0	-	-	0.3	141.0	SE	-	-	-	-	-	-	-
07:00 PM - 08:00 PM	0.0	-	-	0.3	228.0	SW	0.0	-	-	1.5	185.0	S	0.5	38.0	NE	-	-	-	-
08:00 PM - 09:00 PM	0.4	107.0	ESE	0.3	305.0	WNW	0.0	-	-	0.0	-	-	0.2	-	-	-	-	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	-	-	-	-
10:00 PM - 11:00 PM	0.0	-	-	0.7	105.0	ESE	0.0	-	-	0.1	-	-	0.0	-	-	-	-	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	-	0.6	274.0	W	0.9	114.0	ESE	0.0	-	-	-	-	-	-
12:00 AM - 01:00 AM	0.2	-	-	0.0	-	-	0.0	-	-	0.1	-	-	0.5	94.0	E	-	-	-	-
01:00 AM - 02:00 AM	0.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-	1.3	72.0	ENE	-	-	-	-
02:00 AM - 03:00 AM	0.8	105.0	ESE	0.4	131.0	SE	0.0	-	-	0.5	86.0	E	0.6	124.0	SE	-	-	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.2	-	-	0.9	79.0	E	-	-	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	-	0.0	-	-	0.6	65.0	ENE	0.8	100.0	E	-	-	-	-
05:00 AM - 06:00 AM	0.5	290.0	WNW	0.0	-	-	0.2	-	-	1.4	101.0	E	1.7	104.0	ESE	-	-	-	-
06:00 AM - 07:00 AM	1.0	193.0	SSW	0.1	-	-	1.6	115.0	ESE	1.9	127.0	SE	0.5	76.0	ENE	-	-	-	-
07:00 AM - 08:00 AM	0.0	-	-	1.5	97.0	E	4.2	161.0	SSE	1.2	130.0	SE	0.6	91.0	E	-	-	-	-
08:00 AM - 09:00 AM	0.6	262.0	W	0.9	124.0	SE	1.1	105.0	ESE	0.6	113.0	ESE	0.7	132.0	SE	-	-	-	-
09:00 AM - 10:00 AM	0.2	-	-	0.8	158.0	SSE	0.9	120.0	ESE	3.1	120.0	ESE	1.1	95.0	E	-	-	-	-
10:00 AM - 11:00 AM	1.1	235.0	SW	2.9	82.0	E	0.0	-	-	2.7	208.0	SSW	1.0	86.0	E	-	-	-	-
11:00 AM - 12:00 PM	0.2	-	-	1.6	101.0	E	3.0	116.0	ESE	2.1	119.0	ESE	0.9	74.0	ENE	-	-	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Assistant General Manager

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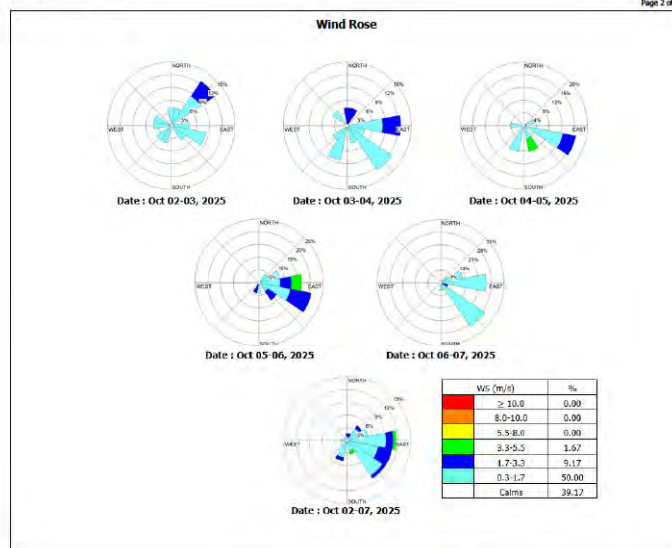
Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaengkhoi, Saraburi Thailand 18110

Lot ID: 2586722
Date Received :Oct 06, 2025
Date Reported :Oct 15, 2025
Report Number :3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 2 of 2



Location : ไร่สุกขันธ์ (GPS 47P 0716346, 1618456)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110

Lot ID: 2586722
Date Received : Oct 06, 2025
Date Reported : Oct 15, 2025
Report Number : 3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Sample Number : Z586722-16 to 20
Parameter : Wind Speed / Wind Direction
Location : 5๙๒๒๒ (GPS 47P 0720448, 1616483)
Sampling Date : Oct 02 - Oct 07, 2025
Sampling by : Teeravut Sukdee

Page 1 of 2

Time	Oct 02 - Oct 03, 2025			Oct 03 - Oct 04, 2025			Oct 04 - Oct 05, 2025			Oct 05 - Oct 06, 2025			Oct 06 - Oct 07, 2025					
	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)				
01:00 PM - 02:00 PM	0.9	76.0	ENE	2.4	357.0	N	0.6	151.0	SSE	0.3	219.0	SW	0.4	217.0	SW	-	-	-
02:00 PM - 03:00 PM	0.7	104.0	ESE	0.9	353.0	N	0.7	233.0	SW	0.0	-	-	0.6	223.0	SW	-	-	-
03:00 PM - 04:00 PM	1.4	218.0	SW	1.3	329.0	NNW	0.0	-	-	0.3	270.0	W	0.0	-	-	-	-	-
04:00 PM - 05:00 PM	0.8	352.0	N	0.9	18.0	NNE	0.0	-	-	0.5	227.0	SW	0.2	-	-	-	-	-
05:00 PM - 06:00 PM	0.3	152.0	SSE	1.2	8.0	N	1.5	334.0	NNW	0.2	-	-	0.0	-	-	-	-	-
06:00 PM - 07:00 PM	0.0	-	-	1.3	156.0	SSE	1.1	359.0	N	0.0	-	-	0.0	-	-	-	-	-
07:00 PM - 08:00 PM	0.6	208.0	SSW	0.0	-	0.0	-	-	0.0	-	-	0.4	177.0	S	-	-	-	-
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-	-	-	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-	-	-	-	-
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	0.0	-	-	0.0	-	-	0.0	-	-	-	-	-	-
11:00 PM - 12:00 AM	0.0	-	-	0.0	-	0.0	-	-	0.4	359.0	N	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	0.0	-	-	0.0	-	-	1.0	169.0	S	0.0	-	-	0.2	-	-	-	-	-
01:00 AM - 02:00 AM	0.0	-	-	0.0	-	-	0.9	169.0	S	0.0	-	-	0.9	118.0	ESE	-	-	-
02:00 AM - 03:00 AM	0.0	-	-	0.0	-	-	1.3	170.0	S	0.0	-	-	1.0	125.0	SE	-	-	-
03:00 AM - 04:00 AM	1.3	16.0	NNE	0.0	-	-	0.7	169.0	S	0.0	-	-	0.0	-	-	-	-	-
04:00 AM - 05:00 AM	0.9	280.0	W	0.0	-	-	0.4	169.0	S	0.0	-	-	0.0	-	-	-	-	-
05:00 AM - 06:00 AM	0.6	182.0	S	0.3	149.0	SSE	0.0	-	0.9	228.0	SW	0.0	-	-	-	-	-	-
06:00 AM - 07:00 AM	0.4	176.0	S	0.9	149.0	SSE	0.0	-	0.6	228.0	SW	0.0	-	-	-	-	-	-
07:00 AM - 08:00 AM	0.2	-	-	0.6	149.0	SSE	0.0	-	0.4	166.0	SSE	0.0	-	-	-	-	-	-
08:00 AM - 09:00 AM	0.0	-	-	0.4	149.0	SSE	0.4	250.0	WSW	0.4	254.0	WSW	0.4	204.0	SSW	-	-	-
09:00 AM - 10:00 AM	0.9	354.0	N	0.0	-	-	0.5	263.0	W	0.4	286.0	WNW	0.5	249.0	WSW	-	-	-
10:00 AM - 11:00 AM	0.6	345.0	NNW	0.6	349.0	N	1.4	271.0	W	0.3	266.0	W	0.0	-	-	-	-	-
11:00 AM - 12:00 PM	1.0	29.0	NNE	0.7	359.0	N	0.6	190.0	S	1.4	262.0	W	0.7	23.0	NNE	-	-	-
12:00 PM - 01:00 PM	0.6	30.0	NNE	0.4	273.0	W	0.8	247.0	WSW	0.9	342.0	NNW	0.1	-	-	-	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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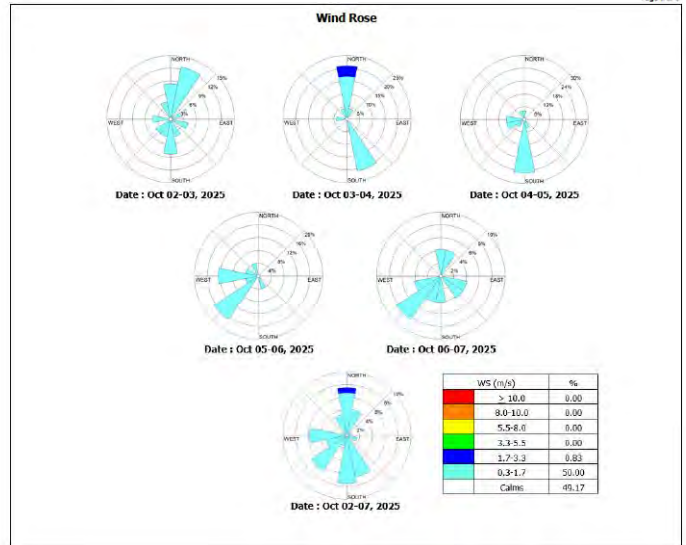
Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110

Lot ID: 2586722
Date Received : Oct 06, 2025
Date Reported : Oct 15, 2025
Report Number : 3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 2 of 2



Location : 5๙๒๒๒ (GPS 47P 0720448, 1616483)

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Analysis / Test Report

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Lot ID: 2586722
Date Received : Oct 06, 2025
Date Reported : Oct 15, 2025
Report Number : 3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 1 of 2

Sample Number : Z586722-21 to 25
Parameter : Wind Speed / Wind Direction
Location : 5๙๒๒๒ (GPS 47P 0718743, 1613890)
Sampling Date : Oct 02 - Oct 07, 2025
Sampling by : Teeravut Sukdee

Time	Oct 02 - Oct 03, 2025			Oct 03 - Oct 04, 2025			Oct 04 - Oct 05, 2025			Oct 05 - Oct 06, 2025			Oct 06 - Oct 07, 2025			-	-	-
	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)		-	-	-
02:00 PM - 03:00 PM	2.3	42.0	NE	0.8	154.0	SSE	0.0	-	0.0	-	1.5	0.0	N	-	-	-	-	-
03:00 PM - 04:00 PM	0.8	24.0	NNE	0.1	-	-	0.0	-	1.0	35.0	NE	0.7	0.0	N	-	-	-	-
04:00 PM - 05:00 PM	0.0	-	-	0.3	122.0	ESE	0.7	340.0	NNW	0.4	12.0	NNE	1.6	23.0	NNE	-	-	-
05:00 PM - 06:00 PM	0.0	-	-	0.5	284.0	WNW	0.4	267.0	W	0.0	-	0.9	52.0	NE	-	-	-	-
06:00 PM - 07:00 PM	0.0	-	-	0.3	245.0	WSW	0.0	-	0.0	-	3.1	39.0	NE	-	-	-	-	-
07:00 PM - 08:00 PM	0.0	-	-	0.0	-	0.0	-	-	1.6	11.0	N	-	-	-	-	-	-	-
08:00 PM - 09:00 PM	0.0	-	-	0.0	-	0.0	-	-	0.7	352.0	N	-	-	-	-	-	-	-
09:00 PM - 10:00 PM	0.0	-	-	0.0	-	0.0	-	-	1.8	22.0	NNE	-	-	-	-	-	-	-
10:00 PM - 11:00 PM	0.0	-	-	0.0	-	0.0	-	0.1	1.1	56.0	NE	-	-	-	-	-	-	-
11:00 PM - 12:00 AM	0.4	310.0	NW	0.0	-	0.0	-	0.0	1.0	61.0	ENE	-	-	-	-	-	-	-
12:00 AM - 01:00 AM	0.8	292.0	WNW	0.0	-	0.0	-	0.9	22.0	NNE	4.0	124.0	SE	-	-	-	-	-
01:00 AM - 02:00 AM	0.7	41.0	NE	0.0	-	1.1	48.0	NE	1.6	31.0	NNE	1.4	138.0	SE	-	-	-	-
02:00 AM - 03:00 AM	0.7	279.0	W	0.0	-	2.1	11.0	N	0.5	42.0	NE	1.6	53.0	NE	-	-	-	-
03:00 AM - 04:00 AM	0.0	-	-	0.0	-	1.0	82.0	E	0.8	8.0	N	1.0	82.0	E	-	-	-	-
04:00 AM - 05:00 AM	0.0	-	-	0.0	-	1.0	351.0	N	1.3	51.0	NE	0.8	0.0	N	-	-	-	-
05:00 AM - 06:00 AM	0.0	-	-	0.0	-	3.1	34.0	NE	1.7	38.0	NE	2.7	36.0	NE	-	-	-	-
06:00 AM - 07:00 AM	0.0	-	-	0.0	-	5.8	31.0	NNE	3.3	6.0	N	2.8	113.0	ESE	-	-	-	-
07:00 AM - 08:00 AM	0.0	-	-	1.6	25.0	NNE	3.5	12.0	NNE	3.8	24.0	NNE	0.6	61.0	ENE	-	-	-
08:00 AM - 09:00 AM	0.0	-	-	0.9	225.0	SW	4.5	19.0	NNE	0.5	60.0	ENE	0.6	133.0	SE	-	-	-
09:00 AM - 10:00 AM	1.0	220.0	SW	0.9	40.0	NE	2.5	32.0	NNE	0.0	-	0.5	137.0	SE	-	-	-	-
10:00 AM - 11:00 AM	0.0	-	-	1.0	169.0	S	2.4	52.0	NE	1.2	15.0	NNE	1.2	124.0	SE	-	-	-
11:00 AM - 12:00 PM	2.3	165.0	SSE	0.0	-	1.3	64.0	ENE	0.0	-	0.2	-	-	-	-	-	-	-
12:00 PM - 01:00 PM	1.4	154.0	SSE	0.0	-	1.2	29.0	NNE	0.0	-	0.0	-	-	-	-	-	-	-
01:00 PM - 02:00 PM	0.9	137.0	SE	0.0	-	0.1	-	0.9	27.0	NNE	0.6	22.0	NNE	-	-	-	-	-

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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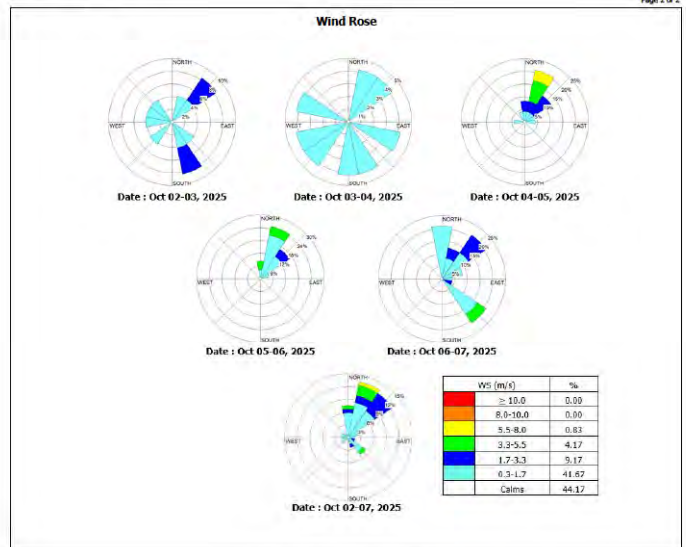
Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110

Lot ID: 2586722
Date Received : Oct 06, 2025
Date Reported : Oct 15, 2025
Report Number : 3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 2 of 2



Location : 5๙๒๒๒ (GPS 47P 0718743, 1613890)

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Lot ID: 2586722
Date Received : Oct 06, 2025
Date Reported : Oct 07, 2025
Report Number : 3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 1 of 2

Sample Number : 2586722-26 to 30
Parameter : Wind Speed / Wind Direction
Location : ถนนพหลโยธิน/พลาซ่า (GPS 47P 0718014, 1615286)
Sampling Date : Oct 02 - Oct 07, 2025
Sampling by : Teeravut Sukdee

Time	Oct 02 - Oct 03, 2025		Oct 03 - Oct 04, 2025		Oct 04 - Oct 05, 2025		Oct 05 - Oct 06, 2025		Oct 06 - Oct 07, 2025		-	-	-		
	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	0.4	240.0	WSW	0.9	93.0	E	1.2	233.0	SW	1.3	255.0	WSW	1.1	128.0	SE
11:00 AM - 12:00 PM	0.6	284.0	WNW	0.0	-	-	2.0	120.0	ESE	1.6	258.0	WSW	0.7	194.0	SSW
12:00 PM - 01:00 PM	0.7	261.0	W	0.8	167.0	SSE	1.1	148.0	SSE	0.6	80.0	E	1.0	188.0	S
01:00 PM - 02:00 PM	0.0	-	-	0.8	132.0	SE	0.9	241.0	WSW	1.6	229.0	SW	1.8	181.0	S
02:00 PM - 03:00 PM	0.0	-	-	2.3	254.0	WSW	0.3	69.0	ENE	1.3	247.0	WSW	1.4	183.0	S
03:00 PM - 04:00 PM	0.0	-	-	1.1	264.0	W	0.0	-	-	0.7	192.0	SSW	-	-	-
04:00 PM - 05:00 PM	1.7	221.0	SW	0.0	-	0.0	-	0.4	190.0	E	0.8	152.0	SSE	-	-
05:00 PM - 06:00 PM	0.0	-	0.0	-	0.0	-	1.2	78.0	ENE	1.1	157.0	SSE	-	-	-
06:00 PM - 07:00 PM	0.0	-	0.0	-	0.0	-	1.0	67.0	ENE	2.2	35.0	NE	-	-	-
07:00 PM - 08:00 PM	0.0	-	0.0	-	0.0	-	0.3	51.0	NE	0.0	-	-	-	-	-
08:00 PM - 09:00 PM	0.0	-	0.0	-	0.0	-	0.4	63.0	ENE	0.6	60.0	ENE	-	-	-
09:00 PM - 10:00 PM	0.0	-	0.0	-	0.0	-	0.6	285.0	WNW	0.9	21.0	NNE	-	-	-
10:00 PM - 11:00 PM	0.0	-	0.0	-	0.0	-	0.0	-	1.9	46.0	NE	-	-	-	-
11:00 PM - 12:00 AM	0.4	250.0	WSW	0.0	-	0.0	-	1.0	48.0	NE	-	-	-	-	-
12:00 AM - 01:00 AM	0.0	-	0.0	-	0.0	-	0.0	-	1.4	54.0	NE	-	-	-	-
01:00 AM - 02:00 AM	0.8	75.0	ENE	0.0	-	1.1	243.0	WSW	1.0	143.0	SE	1.0	44.0	NE	-
02:00 AM - 03:00 AM	0.0	-	0.0	-	0.0	-	0.9	164.0	SSE	0.7	33.0	NNE	-	-	-
03:00 AM - 04:00 AM	0.3	58.0	ENE	0.0	-	0.0	-	0.6	161.0	SSE	1.0	123.0	ESE	-	-
04:00 AM - 05:00 AM	0.0	-	0.0	-	0.5	86.0	E	0.4	137.0	SE	2.2	64.0	ENE	-	-
05:00 AM - 06:00 AM	0.0	-	0.0	-	0.0	-	0.4	157.0	SSE	0.5	70.0	ENE	-	-	-
06:00 AM - 07:00 AM	0.0	-	0.7	208.0	SSW	0.7	190.0	S	0.2	-	0.5	81.0	E	-	-
07:00 AM - 08:00 AM	1.8	217.0	SW	1.3	220.0	SW	1.2	239.0	WSW	0.7	156.0	SSE	1.0	250.0	WSW
08:00 AM - 09:00 AM	1.7	207.0	SSW	0.3	116.0	ESE	0.0	-	1.8	148.0	SSE	0.9	187.0	S	-
09:00 AM - 10:00 AM	1.6	199.0	SSW	0.6	217.0	SW	0.7	188.0	S	1.5	132.0	SE	0.7	175.0	S

Reference Method : Cup Anemometer & Anodized Aluminium Vane Method

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Assistant General Manager

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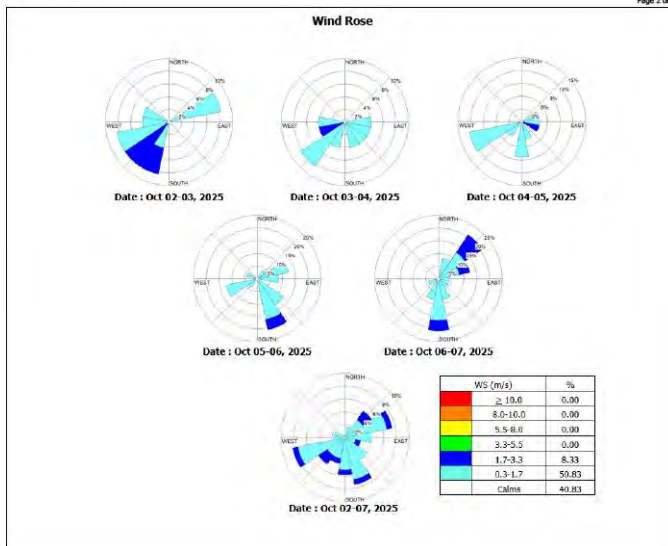
Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110

Lot ID: 2586722
Date Received : Oct 06, 2025
Date Reported : Oct 15, 2025
Report Number : 3406521-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 2 of 2



Location : ถนนพหลโยธิน/พลาซ่า (GPS 47P 0718014, 1615286)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

TESTING
No.0009
Lot ID: 2586734
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406533-1

Page 1 of 4

page 1 of 2

Sample Number	2586734-1							
Sampled Date	Oct 30, 2025 10:40 AM							
Sample Description	Wastewater							
Location	น้ำทิ้งจากโรง							
Date Analysis Commenced	Oct 31, 2025							
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							
Analyte	Unit	LOD	LOQ (LOD)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	0.002	≤0.25	≤0.25	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.11	≤1.0	≤1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.03	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.003	≤2.0	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.25	≤0.25	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	0.001	≤0.20	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.04	≤5.0	≤5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B,3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok

Technical Management

Savitree N.
Savitree Niamsang
Manager
โทร: 02-204-0007

Approved by

Kanokkom Anok
Assistant General Manager
โทร: 02-204-0004

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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1615172/ENAL

5/25/2025/LAL_2025.rpt (6/37/2025)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

TESTING
No.0009
Lot ID: 2586734
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406533-1

Page 2 of 4

page 2 of 8

Sample Number	2586734-1							
Sampled Date	Oct 30, 2025 10:40 AM							
Sample Description	Wastewater							
Location	น้ำทิ้งจากโรง							
Date Analysis Commenced	Oct 31, 2025							
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)							
Analyte	Unit	LOD	LOQ (LOD)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Nickel	mg/L	0.0003	0.0005	0.001	≤1.0	≤0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	<0.0005	≤0.02	≤0.02	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	≤0.75	≤0.75	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.01	≤5.0	≤5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2.0	2.6	≤20	≤20	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD	mg/L	-	25	39	≤120	≤100	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Formaldehyde	mg/L	0.03	0.1	Not Detected	≤1	≤1	Wastewater analysis manual, Environmental Engineering Association of Thailand, 4th ed., 2004	Bangkok
Oil & Grease	mg/L	-	3	<3	≤5	≤5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok

Technical Management

Savitree N.
Savitree Niamsang
Manager
โทร: 02-204-0007

Approved by

Kanokkom Anok
Assistant General Manager
โทร: 02-204-0004

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1615172/ENAL

5/25/2025/LAL_2025.rpt (6/37/2025)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

TESTING
No.0009

Lot ID: 2586734
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406533-1

Page 2 of 4

Sample Number	2586734-1						
Sampled Date	Oct 30, 2025 10:40 AM						
Sample Description	Wastewater						
Location	น้ำทิ้งจากโรงไฟฟ้า						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method
Water Testing							
pH at 25 degree C	-	-	-	8.4	5.5-9.0	6.5-8.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)
Phenol	mg/L	0.005	0.01	Not Detected	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5530 D
Residual Free Chlorine *	mg/L	-	0.1	<0.1	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-CI (F)
Sulfide *	mg/L	-	0.5	<0.5	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S2 (C, F)
Temperature *	Degree C	-	-	28.2	≤40	≤40	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2550 B
Total Dissolved Solids Dried at 180 degree C	mg/L	-	5	524	≤3000	≤1300	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	2.5	≤100	≤35	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Norg (C)
Total Suspended Solids Dried at 103-105 degree C	mg/L	-	5	13	≤50	≤30	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D

Guideline : Guideline (1) : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Guideline (2) : Announcement of Royal Irrigation No. 18/2561 subject to Prevention and Correction the Undeserved Discharged water into Irrigation system.

Technical Management

Savitree N.
Savitree Nonsangiam
Manager
โทร: 09-0007-204

Approved by

Kanokkom Anek
Assistant General Manager
โทร: 09-0007-204

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

TESTING
No.0009

Lot ID: 2586734
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406533-1

Page 4 of 4

Sampling By : Punpung Samri โทร: 09-0007-204

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Barium	mg/L	0.0003	0.0005	0.06	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Copper	mg/L	0.0003	0.0005	0.001	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Manganese	mg/L	0.0003	0.0005	0.04	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E

Technical Management

Savitree N.
Savitree Nonsangiam
Manager
โทร: 09-0007-204

Approved by

Kanokkom Anek
Assistant General Manager
โทร: 09-0007-204

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586734
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406533-2

Page 1 of 1

Sample Number	2586735-1						
Sampled Date	Oct 30, 2025 9:30 AM						
Sample Description	Surface water						
Location	น้ำประปาจากถังเก็บน้ำ 500 ลิตร (GPS 47P 716531, 1616488)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and seven plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method
Water Testing							
Ammonia Nitrogen	mg/L	-	0.06	0.50	No Standard	No Standard	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (B, F)

Guideline : Guideline (1) : Effluent standard for factories, industrial estate and industrial park set by Notification of the Ministry of Natural Resource and Environment and effluent standard for factories and industrial park set by Notification of The Ministry of Industry dated June 07, B.E.2560 (2017).
Guideline (2) : Announcement of Royal Irrigation No. 18/2561 subject to Prevention and Correction the Undeserved Discharged water into Irrigation system.

Sampling By : Punpung Samri

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

Approved by

Suwimon C.
Suwimon Chaisangwut
Scientist (3)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

TESTING
No.0009

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 1 of 21

Sample Number	2586735-1						
Sampled Date	Oct 30, 2025 9:30 AM						
Sample Description	Surface water						
Location	น้ำประปาจากถังเก็บน้ำ 500 ลิตร (GPS 47P 716531, 1616488)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Barium	mg/L	0.0003	0.0005	0.06	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Copper	mg/L	0.0003	0.0005	0.001	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Manganese	mg/L	0.0003	0.0005	0.04	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E

Approved by

Savitree N.
Savitree Nonsangiam
Manager

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 2 of 21

Sample Number	2586735-1						
Sampled Date	Oct 30, 2025 9:30 AM						
Sample Description	Surface water						
Location	แหล่งน้ำสาธารณะ 500 เมตร (GPS 47P 716531, 1616488)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.0009	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Zinc	mg/L	0.003	0.005	0.01	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤2	≤4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G
COD *	mg/L	-	25	<25	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D
Oil & Grease	mg/L	-	3	<3	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
pH at 25 degree C	-	-	-	7.8	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)

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Approved by

Savitree N.
Savitree Naisingam
Manager

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 3 of 21

Sample Number	2586735-1						
Sampled Date	Oct 30, 2025 9:30 AM						
Sample Description	Surface water						
Location	แหล่งน้ำสาธารณะ 500 เมตร (GPS 47P 716531, 1616488)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - Cl (F)
Temperature *	Degree C	-	-	27.2	(c)	(c)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2550 B
Total Dissolved Solids Dried at 180 degrees C *	mg/L	-	5	202	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	18	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D
Guideline : (1) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act, B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3) (2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act, B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4) (a) Not Change from natural condition (b) Non Objectionable (c) Change from Natural condition not more than 3 degree C							
Sampling By : Panupong Sunsi							
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. - Sampling is not included in scope of accreditation ISO/IEC 17025							

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

Savitree N.
Savitree Naisingam
Manager

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 4 of 21

Sample Number	2586735-2						
Sampled Date	Oct 30, 2025 9:50 AM						
Sample Description	Surface water						
Location	แหล่งน้ำสาธารณะ (GPS 47P 716690, 1615605)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Barium	mg/L	0.0003	0.0005	0.06	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Copper	mg/L	0.0003	0.0005	0.0010	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500 - Cr B
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Manganese	mg/L	0.0003	0.0005	0.03	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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Savitree Naisingam
Manager

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S:\reports\AL_201_opt (4-389H)



Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 5 of 21

Sample Number	2586735-2						
Sampled Date	Oct 30, 2025 9:50 AM						
Sample Description	Surface water						
Location	แหล่งน้ำสาธารณะ (GPS 47P 716690, 1615605)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.0007	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Zinc	mg/L	0.003	0.005	Not Detected	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤2	≤4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G
COD *	mg/L	-	25	<25	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D
Oil & Grease	mg/L	-	3	<3	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B
pH at 25 degree C	-	-	-	7.9	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)

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Approved by

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Savitree Naisingam
Manager

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 6 of 21

Sample Number	2586735-2						
Sampled Date	Oct 30, 2025 9:50 AM						
Sample Description	Surface water						
Location	เขื่อนภูมิพล (GPS 47P 716690, 1615605)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F) Bangkok
Temperature *	Degree C	-	-	27.4	(c)	(c)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2550 B Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	160	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	17	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D Bangkok

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

Sampling By : Punpong Samri

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

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Sample Number	2586735-3						
Sampled Date	Oct 30, 2025 10:10 AM						
Sample Description	Surface water						
Location	เขื่อนภูมิพล (GPS 47P 716616, 1614488)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Barium	mg/L	0.0003	0.0005	0.07	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Copper	mg/L	0.0003	0.0005	0.001	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr 8 Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Manganese	mg/L	0.0003	0.0005	0.05	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E Bangkok

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 8 of 21

Sample Number	2586735-3						
Sampled Date	Oct 30, 2025 10:10 AM						
Sample Description	Surface water						
Location	เขื่อนภูมิพล (GPS 47P 716616, 1614488)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.0009	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Zinc	mg/L	0.003	0.005	Not Detected	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F Bangkok
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤2	≤4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G Bangkok
COD *	mg/L	-	25	<25	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D Bangkok
Oil & Grease	mg/L	-	3	<3	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B Bangkok
pH at 25 degree C	-	-	-	7.9	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B) Bangkok

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 9 of 21

Sample Number	2586735-3						
Sampled Date	Oct 30, 2025 10:10 AM						
Sample Description	Surface water						
Location	เขื่อนภูมิพล (GPS 47P 716616, 1614488)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F) Bangkok
Temperature *	Degree C	-	-	27.3	(c)	(c)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2550 B Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	196	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	22	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D Bangkok

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

Sampling By : Punpong Samri

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG



TESTING
No.0009
Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 10 of 21

Sample Number : 2586735-4
Sampled Date : Oct 30, 2025 11:00 AM
Sample Description : Surface water
Location : แหล่งน้ำในเขตรักษาพันธุ์สัตว์ป่าห้วยขาแข้ง 500 เมตร ((GPS 47P 711693, 1613060))
Date Analysis Commenced : Oct 31, 2025
Condition of Sample : Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.001	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.04	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG



TESTING
No.0009
Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 11 of 21

Sample Number : 2586735-4
Sampled Date : Oct 30, 2025 11:00 AM
Sample Description : Surface water
Location : แหล่งน้ำในเขตรักษาพันธุ์สัตว์ป่าห้วยขาแข้ง 500 เมตร ((GPS 47P 711693, 1613060))
Date Analysis Commenced : Oct 31, 2025
Condition of Sample : Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Nickel	mg/L	0.0003	0.0005	0.0008	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Zinc	mg/L	0.003	0.005	Not Detected	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤2	≤4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD *	mg/L	-	25	<25	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C	-	-	-	7.9	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG



TESTING
No.0009
Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 12 of 21

Sample Number : 2586735-4
Sampled Date : Oct 30, 2025 11:00 AM
Sample Description : Surface water
Location : แหล่งน้ำในเขตรักษาพันธุ์สัตว์ป่าห้วยขาแข้ง 500 เมตร ((GPS 47P 711693, 1613060))
Date Analysis Commenced : Oct 31, 2025
Condition of Sample : Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Temperature *	Degree C	-	-	28.1	(c)	(c)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved Solids Dried at 180 degree C *	mg/L	-	5	194	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	20	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

Guideline : (1) Notification of the National Environmental Board, No. 6, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act, B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 3)
(2) Notification of the National Environmental Board, No. 8, B.E.2537 issued under the Enhancement and Conservation of National Environmental Quality Act, B.E.2535, published in the Royal Government Gazette, Vol. 111, Part 16, Dated February 24, B.E. 2537 (Class 4)
(a) Not Change from natural condition
(b) Non Objectionable
(c) Change from Natural condition not more than 3 degree C

Sampling By : Panpung Samri

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

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Approved by

Savitree N.
Savitree Naisangium
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S:\reports\AL_201\pt (4-389H)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG



TESTING
No.0009
Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 13 of 21

Sample Number : 2586735-5
Sampled Date : Oct 30, 2025 11:20 AM
Sample Description : Surface water
Location : แหล่งน้ำในเขตรักษาพันธุ์สัตว์ป่าห้วยขาแข้ง (GPS 47P 711376, 1612484)
Date Analysis Commenced : Oct 31, 2025
Condition of Sample : Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.08	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.001	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.07	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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Savitree Naisangium
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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 14 of 21

Sample Number : 2586735-5
Sampled Date : Oct 30, 2025 11:20 AM
Sample Description : Surface water
Location : ทุ่งน้ำใส (GPS 47P 711376, 1612484)
Date Analysis Commenced : Oct 31, 2025
Condition of Sample : Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Nickel	mg/L	0.0003	0.0005	0.0009	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Zinc	mg/L	0.003	0.005	<0.005	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤2	≤4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD *	mg/L	-	25	<25	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C	-	-	-	7.8	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 15 of 21

Sample Number : 2586735-5
Sampled Date : Oct 30, 2025 11:20 AM
Sample Description : Surface water
Location : ทุ่งน้ำใส (GPS 47P 711376, 1612484)
Date Analysis Commenced : Oct 31, 2025
Condition of Sample : Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Water Testing								
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-Cl (F)	Bangkok
Temperature *	Degree C	-	-	28.2	(c)	(c)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2550 B	Bangkok
Total Dissolved Solids Dried at 180 degrees C *	mg/L	-	5	352	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	15	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D	Bangkok

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

Sampling By : Panupong Sunsi

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 16 of 21

Sample Number : 2586735-6
Sampled Date : Oct 30, 2025 11:40 AM
Sample Description : Surface water
Location : ทุ่งน้ำใส (GPS 47P 711369, 1612198)
Date Analysis Commenced : Oct 31, 2025
Condition of Sample : Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Arsenic	mg/L	0.0003	0.0005	0.001	≤0.01	≤0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Barium	mg/L	0.0003	0.0005	0.06	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0009	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-Cr B	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	≤0.05	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.04	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	In-house method : STM 05-007 based on United States Environmental Protection Agency, 2002, EPA Method 1631, Revision E	Bangkok

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 17 of 21

Sample Number : 2586735-6
Sampled Date : Oct 30, 2025 11:40 AM
Sample Description : Surface water
Location : ทุ่งน้ำใส (GPS 47P 711369, 1612198)
Date Analysis Commenced : Oct 31, 2025
Condition of Sample : Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Method	Testing Location
Metals Testing								
Nickel	mg/L	0.0003	0.0005	0.0009	≤0.10	≤0.10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Zinc	mg/L	0.003	0.005	Not Detected	≤1	≤1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Water Testing								
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤2	≤4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
COD *	mg/L	-	25	<25	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok
Oil & Grease	mg/L	-	3	<3	No Standard	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5520 B	Bangkok
pH at 25 degree C	-	-	-	7.9	5.0-9.0	5.0-9.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

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Sample Number	2586735-6						
Sampled Date	Oct 30, 2025 11:40 AM						
Sample Description	Surface water						
Location	หน้าเขื่อน/เขื่อน 500 เมตร (GPS 47P 711369, 1612198)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Bangkok
Temperature *	Degree C	-	-	28.4	(c)	(c)	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	202	No Standard	No Standard	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	14	No Standard	No Standard	Bangkok

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

Sampling By : Punpong Samri

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 19 of 21

Sample Number	2586735-7						
Sampled Date	Oct 30, 2025 1:00 PM						
Sample Description	Surface water						
Location	หน้าเขื่อน (GPS 47P 717576, 1616115)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.0010	≤0.01	≤0.01	Bangkok
Barium	mg/L	0.0003	0.0005	0.08	No Standard	No Standard	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	≤0.005	≤0.005	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	≤0.10	≤0.10	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	≤0.05	≤0.05	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	≤0.05	≤0.05	Bangkok
Manganese	mg/L	0.0003	0.0005	0.28	≤1	≤1	Bangkok
Mercury	mg/L	0.0001	0.0005	Not Detected	≤0.002	≤0.002	Bangkok

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 20 of 21

Sample Number	2586735-7						
Sampled Date	Oct 30, 2025 1:00 PM						
Sample Description	Surface water						
Location	หน้าเขื่อน (GPS 47P 717576, 1616115)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Testing Location
Metals Testing							
Nickel	mg/L	0.0003	0.0005	0.0008	≤0.10	≤0.10	Bangkok
Selenium	mg/L	0.0003	0.0005	Not Detected	No Standard	No Standard	Bangkok
Trivalent Chromium *	mg/L	-	0.01	<0.01	No Standard	No Standard	Bangkok
Zinc	mg/L	0.003	0.005	<0.005	≤1	≤1	Bangkok
Water Testing							
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	≤2	≤4	Bangkok
COD *	mg/L	-	25	25	No Standard	No Standard	Bangkok
Oil & Grease	mg/L	-	3	<3	No Standard	No Standard	Bangkok
pH at 25 degree C	-	-	-	7.7	5.0-9.0	5.0-9.0	Bangkok

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Approved by

Savitree N.
Savitree Noisungum
Manager

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586735
Date Received : Oct 30, 2025
Date Reported : Nov 06, 2025
Report Number : 3406535-1

Page 21 of 21

Sample Number	2586735-7						
Sampled Date	Oct 30, 2025 1:00 PM						
Sample Description	Surface water						
Location	หน้าเขื่อน (GPS 47P 717576, 1616115)						
Date Analysis Commenced	Oct 31, 2025						
Condition of Sample	Contained in two glass vials, one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline (1)	Guideline (2)	Testing Location
Water Testing							
Residual Free Chlorine *	mg/L	-	0.1	<0.1	No Standard	No Standard	Bangkok
Temperature *	Degree C	-	-	28.6	(c)	(c)	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	346	No Standard	No Standard	Bangkok
Total Suspended Solids Dried at 103-105 degree C *	mg/L	-	5	<5	No Standard	No Standard	Bangkok

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

Sampling By : Punpong Samri

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

Page 1 of 10

Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:00 AM
Sample Description : Ground Water
Location : Upstream ห่างจากท่อพิทักษ์ 450 เมตร
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOQ)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.0007	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	2.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	0.0005	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	6.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-C.8	Bangkok
Lead	mg/L	0.0003	0.0005	Not Detected	4.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.31	33	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	0.7	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.001	5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok

Technical Management

Chanattagim Inthom
Section Head
โทร: 09-0008

Approved by

Kanokkorn Anek
Assistant General Manager
โทร: 09-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

Page 2 of 10

Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:00 AM
Sample Description : Ground Water
Location : Upstream ห่างจากท่อพิทักษ์ 450 เมตร
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOQ)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Selenium	mg/L	0.0003	0.0005	<0.0005	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.006	10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Pesticides							
2,4-D *	mg/L	0.0006	0.002	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6640 B	Bangkok
Pesticides - Organochlorine Group							
Aldrin *	mg/L	0.00001	0.00002	Not Detected	0.003	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	mg/L	0.00001	0.00002	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Atrazine *	mg/L	0.00001	0.0005	Not Detected	0.02	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	mg/L	0.00001	0.00002	Not Detected	0.03	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanattagim Inthom
Section Head
โทร: 09-0008

Approved by

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Assistant General Manager
โทร: 09-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

Page 3 of 10

Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:00 AM
Sample Description : Ground Water
Location : Upstream ห่างจากท่อพิทักษ์ 450 เมตร
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOQ)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Chlordane *	mg/L	0.00002	0.00004	Not Detected	0.04	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
DDD *	mg/L	0.00001	0.00002	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
DDE *	mg/L	0.00001	0.00002	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
DDT *	mg/L	0.00006	0.00012	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	mg/L	0.00001	0.00002	Not Detected	0.003	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan *	mg/L	0.00001	0.00002	Not Detected	14	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	mg/L	0.00001	0.00002	Not Detected	1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanattagim Inthom
Section Head
โทร: 09-0008

Approved by

Kanokkorn Anek
Assistant General Manager
โทร: 09-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

Page 4 of 10

Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:00 AM
Sample Description : Ground Water
Location : Upstream ห่างจากท่อพิทักษ์ 450 เมตร
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOQ)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
gamma-BHC (Lindane) *	mg/L	0.00001	0.00002	Not Detected	0.04	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	mg/L	0.00001	0.00002	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor epoxide *	mg/L	0.00001	0.00002	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	mg/L	0.00001	0.00002	Not Detected	0.03	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	mg/L	0.00001	0.00002	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Pentachlorophenol *	mg/L	0.0001	0.0005	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	mg/L	0.002	0.004	Not Detected	0.04	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Polychlorinated Biphenyls (PCBs)

Technical Management

Chanattagim Inthom
Section Head
โทร: 09-0008

Approved by

Kanokkorn Anek
Assistant General Manager
โทร: 09-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

Page 5 of 10

Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:00 AM
Sample Description : Ground Water
Location : Upstream ห่างจากท่อพิคัล 450 เมตร
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Polychlorinated Biphenyls (PCBs)							
PCB 1016 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1221 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1232 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1242 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1248 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1254 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1260 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCBs *	mg/L	0.00015	0.0005	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
Polycyclic Aromatics Hydrocarbons							
Benz(a)pyrene	mg/L	0.00003	0.0001	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6440 C, part 6410 B	Bangkok

Technical Management

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

Page 6 of 10

Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:00 AM
Sample Description : Ground Water
Location : Upstream ห่างจากท่อพิคัล 450 เมตร
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
1,1,1-Trichloroethane	mg/L	0.00008	0.0005	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1,2,2-Tetrachloroethane *	mg/L	0.0003	0.001	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1,2-Trichloroethane	mg/L	0.00008	0.0005	Not Detected	0.8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1-Dichloroethane	mg/L	0.00015	0.0005	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1-Dichloroethylene	mg/L	0.00011	0.0005	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,2-Dichloroethane	mg/L	0.00007	0.0005	Not Detected	0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,2-Dichloropropane *	mg/L	0.0003	0.001	Not Detected	0.7	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,3,5-Trimethylbenzene *	mg/L	0.0003	0.001	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,3-Dichloropropane *	mg/L	0.00015	0.0005	Not Detected	72	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

Technical Management

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Chanattagim Inthom
Section Head
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Kanokkorn Anek
Assistant General Manager
โทร: 09-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

Page 7 of 10

Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:00 AM
Sample Description : Ground Water
Location : Upstream ห่างจากท่อพิคัล 450 เมตร
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
1,3-Dichloropropane *	mg/L	0.0003	0.001	Not Detected	0.3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Acetone *	mg/L	0.001	0.01	Not Detected	230	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Benzene	mg/L	0.00003	0.0005	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Bromodichloromethane *	mg/L	0.0003	0.001	Not Detected	0.8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Bromoform *	mg/L	0.00015	0.0005	Not Detected	6.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Carbon tetrachloride	mg/L	0.00008	0.0005	Not Detected	0.4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Chlorobenzene *	mg/L	0.0005	0.001	Not Detected	48	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Chlorodibromomethane *	mg/L	0.0003	0.001	Not Detected	0.6	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Chloroform *	mg/L	0.00015	0.0005	Not Detected	8.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

Technical Management

Chanatt L.
Chanattagim Inthom
Section Head
โทร: 09-0008

Approved by

Kanokkorn Anek
Assistant General Manager
โทร: 09-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

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Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:00 AM
Sample Description : Ground Water
Location : Upstream ห่างจากท่อพิคัล 450 เมตร
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
cis-1,2-Dichloroethylene	mg/L	0.00004	0.0005	Not Detected	2.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Ethylbenzene	mg/L	0.00003	0.0005	Not Detected	2.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Hexachloro-1,3-Butadiene *	mg/L	0.0003	0.001	Not Detected	0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Methyl Bromide *	mg/L	0.00003	0.005	Not Detected	3.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Methyl tert-butyl ether *	mg/L	0.00015	0.001	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Methylene Chloride (Dichloromethane)	mg/L	0.0001	0.0005	Not Detected	6.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
o-Xylene *	mg/L	0.00004	0.0005	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Styrene	mg/L	0.00002	0.0005	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Tetrachloroethylene	mg/L	0.00007	0.0005	Not Detected	0.9	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

Technical Management

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Approved by

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TESTING
No.0009

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

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Technical Management Chanath D. Approved by Leak A.
Chanattagum Inthom Kanokkorn Anek
Section Head Assistant General Manager
หมายเลขที่ ว-204-ท-0008 หมายเลขที่ ว-204-ท-0004

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TESTING
No.0009

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-1

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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
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management Chanath L.
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Section Head
โทรศัพท์มือถือ : 204-๙-0008

Approved by Canokorn Anek.
Canokorn Anek
Assistant General Manager
โทรศัพท์มือถือ : 204-๙-0004

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TESTING
No.0009

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-2

Page 1 of 3

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Chanattagarn Imchom
Section Head

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TESTING
No.0009

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-2

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Approved by Chunatt L.
Chunattagarn Imchom
Section Head

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436250-2

Page 3 of 3

Sample Number	2586739-1					
Sampled Date	Oct 17, 2025 11:00 AM					
Sample Description	Ground Water					
Location	Upstream ห่างจากท่อหลัก 450 เมตร					
Date Analysis Commenced	Oct 17, 2025					
Condition of Sample	Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method
Water Testing						
Turbidity *	NTU	-	0.1	7.3	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2130 B
Water Level *	m	-	-	7.70	No Standard	Water Level Meter

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

Remark :

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

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Section Head

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

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Sample Number	2586739-2					
Sampled Date	Oct 17, 2025 11:20 AM					
Sample Description	Ground Water					
Location	Upstream ห่างจากท่อหลัก 150 เมตร ลอด 1					
Date Analysis Commenced	Oct 18, 2025					
Condition of Sample	Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method
Metals Testing						
Arsenic	mg/L	0.0003	0.0005	<0.0005	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Cadmium	mg/L	0.0003	0.0005	Not Detected	2.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Copper	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	6.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-C B
Lead	mg/L	0.0003	0.0005	Not Detected	4.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Manganese	mg/L	0.0003	0.0005	0.02	33	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Mercury *	mg/L	0.0001	0.0005	Not Detected	0.7	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112
Nickel	mg/L	0.0003	0.0005	0.002	5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F

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TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

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Sample Number	2586739-2					
Sampled Date	Oct 17, 2025 11:20 AM					
Sample Description	Ground Water					
Location	Upstream ห่างจากท่อหลัก 150 เมตร ลอด 1					
Date Analysis Commenced	Oct 18, 2025					
Condition of Sample	Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method
Metals Testing						
Selenium	mg/L	0.0003	0.0005	<0.0005	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Zinc	mg/L	0.003	0.005	0.02	10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F
Pesticides						
2,4-D *	mg/L	0.0006	0.002	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6610 B
Pesticides - Organochlorine Group						
Aldrin *	mg/L	0.00001	0.00002	Not Detected	0.003	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B
alpha-BHC *	mg/L	0.00001	0.00002	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B
Atrazine *	mg/L	0.00001	0.0005	Not Detected	0.02	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B
beta-BHC *	mg/L	0.00001	0.00002	Not Detected	0.03	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B

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Analysis / Test Report



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No.0009

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

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Sample Number	2586739-2					
Sampled Date	Oct 17, 2025 11:20 AM					
Sample Description	Ground Water					
Location	Upstream ห่างจากท่อหลัก 150 เมตร ลอด 1					
Date Analysis Commenced	Oct 18, 2025					
Condition of Sample	Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)					
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method
Pesticides - Organochlorine Group						
Chlordane *	mg/L	0.00002	0.00004	Not Detected	0.04	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B
DDD *	mg/L	0.00001	0.00002	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B
DDE *	mg/L	0.00001	0.00002	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B
DDT *	mg/L	0.00006	0.00012	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B
Dieldrin *	mg/L	0.00001	0.00002	Not Detected	0.003	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B
Endosulfan *	mg/L	0.00001	0.00002	Not Detected	14	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B
Endrin *	mg/L	0.00001	0.00002	Not Detected	1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
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Sample Number : 2586739-2
Sampled Date : Oct 17, 2025 11:20 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ 1
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
gamma-BHC (Lindane) *	mg/L	0.00001	0.00002	Not Detected	0.04	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	mg/L	0.00001	0.00002	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor epoxide *	mg/L	0.00001	0.00002	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	mg/L	0.00001	0.00002	Not Detected	0.03	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	mg/L	0.00001	0.00002	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Pentachlorophenol *	mg/L	0.0001	0.0005	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	mg/L	0.002	0.004	Not Detected	0.04	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Polychlorinated Biphenyls (PCBs)

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

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Sample Number : 2586739-2
Sampled Date : Oct 17, 2025 11:20 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ 1
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Polychlorinated Biphenyls (PCBs)							
PCB 1016 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1221 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1232 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1242 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1248 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1254 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1260 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCBs *	mg/L	0.00015	0.0005	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
Polycyclic Aromatic Hydrocarbons							
Benzo(a)pyrene	mg/L	0.00003	0.00001	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6440 C, part 6410 B	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

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Sample Number : 2586739-2
Sampled Date : Oct 17, 2025 11:20 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ 1
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
1,1,1-Trichloroethane	mg/L	0.00008	0.0005	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1,2,2-Tetrachloroethane *	mg/L	0.0003	0.001	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1,2-Trichloroethane	mg/L	0.00008	0.0005	Not Detected	0.8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1-Dichloroethane	mg/L	0.00015	0.0005	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1-Dichloroethylene	mg/L	0.00011	0.0005	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,2-Dichloroethane	mg/L	0.00007	0.0005	Not Detected	0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,2-Dichloropropane *	mg/L	0.0003	0.001	Not Detected	0.7	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,3,5-Trimethylbenzene *	mg/L	0.0003	0.001	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,3-Dichloropropane *	mg/L	0.00015	0.0005	Not Detected	72	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

Page 7 of 10

Sample Number : 2586739-2
Sampled Date : Oct 17, 2025 11:20 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ 1
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
1,3-Dichloropropane *	mg/L	0.0003	0.001	Not Detected	0.3	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Acetone *	mg/L	0.001	0.01	Not Detected	230	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Benzene	mg/L	0.00003	0.0005	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Bromodichloromethane *	mg/L	0.0003	0.001	Not Detected	0.8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Bromoform *	mg/L	0.00015	0.0005	Not Detected	6.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Carbon tetrachloride	mg/L	0.00008	0.0005	Not Detected	0.4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Chlorobenzene *	mg/L	0.0005	0.001	Not Detected	48	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Chlorodibromomethane *	mg/L	0.0003	0.001	Not Detected	0.6	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Chloroform *	mg/L	0.00015	0.0005	Not Detected	8.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

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Sample Number	2586739-2						
Sampled Date	Oct 17, 2025 11:20 AM						
Sample Description	Ground Water						
Location	Up Downstream ห่างจากบ่อพักน้ำ 150 เมตร ใต้ 1						
Date Analysis Commenced	Oct 18, 2025						
Condition of Sample	Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatiles Organics Compounds							
cis-1,2-Dichloroethylene	mg/L	0.00004	0.0005	Not Detected	2.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Ethylbenzene	mg/L	0.00003	0.0005	Not Detected	2.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Hexachloro-1,3-Butadiene *	mg/L	0.0003	0.001	Not Detected	0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Methyl Bromide *	mg/L	0.00003	0.005	Not Detected	3.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Methyl tert-butyl ether *	mg/L	0.00015	0.001	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Methylene Chloride (Dichloromethane)	mg/L	0.0001	0.0005	Not Detected	6.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
o-Xylene *	mg/L	0.00004	0.0005	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Styrene	mg/L	0.00002	0.0005	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Tetrachloroethylene	mg/L	0.00007	0.0005	Not Detected	0.9	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

Page 9 of 10

Sample Number	2586739-2						
Sampled Date	Oct 17, 2025 11:20 AM						
Sample Description	Ground Water						
Location	Up Downstream ห่างจากบ่อพักน้ำ 150 เมตร ใต้ 1						
Date Analysis Commenced	Oct 18, 2025						
Condition of Sample	Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatiles Organics Compounds							
Toluene	mg/L	0.00004	0.0005	Not Detected	5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Total Xylene	mg/L	0.00004	0.0015	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
trans-1,2-Dichloroethylene	mg/L	0.0001	0.0005	Not Detected	5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Trichloroethylene	mg/L	0.00005	0.0005	Not Detected	4.4	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Vinyl Acetate *	mg/L	0.0015	0.005	Not Detected	119	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Vinyl chloride (Chloroethylene)	mg/L	0.00016	0.0003	Not Detected	0.03	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Water Testing							
Cyanide as CN	mg/L	0.002	0.005	<0.005	5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - CN (C, E)	Bangkok
pH at 25 degree C	-	-	-	7.4	6.5-9.2 (I)	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500 - H (B)	Bangkok

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

Page 10 of 10

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures
(1) ข้อมูลที่ได้จากงานวิเคราะห์ดินและน้ำใต้ดินจะต้องเป็นข้อมูลที่ได้มาจากการสุ่มตัวอย่างที่ดำเนินการตามวิธีการสุ่มตัวอย่างดินและน้ำใต้ดินที่ถูกต้องตามมาตรฐานวิธีการสุ่มตัวอย่างดินและน้ำใต้ดินของกรมทรัพยากรธรรมชาติและสิ่งแวดล้อม กระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม โดยกรมทรัพยากรธรรมชาติและสิ่งแวดล้อมได้กำหนดวิธีการสุ่มตัวอย่างดินและน้ำใต้ดินไว้ที่เว็บไซต์ของกรมทรัพยากรธรรมชาติและสิ่งแวดล้อม กระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม
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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Technical Management

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Section Head
โทร: 09-0008

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Assistant General Manager
โทร: 09-0004

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-2

Page 1 of 3

Sample Number	2586739-2						
Sampled Date	Oct 17, 2025 11:20 AM						
Sample Description	Ground Water						
Location	Up Downstream ห่างจากบ่อพักน้ำ 150 เมตร ใต้ 1						
Date Analysis Commenced	Oct 17, 2025						
Condition of Sample	Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)						
Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.13	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Volatiles Organics Compounds							
cis-1,3-Dichloropropene *	mg/L	0.0002	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
m,p-Xylene	mg/L	0.00003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
Water Testing							
Acidity as CaCO ₃ *	mg/L	-	1	8	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2310 B	Bangkok
Ammonia Nitrogen *	mg/L	-	0.06	<0.06	No Standard	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH3 (B, F)	Bangkok
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Chloride as Cl ⁻ *	mg/L	0.06	0.2	23.7	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
COD *	mg/L	-	25	<25	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-2

Page 2 of 3

Sample Number : 2586739-2
Sampled Date : Oct 17, 2025 11:20 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ที่ 1
Date Analysis Commenced : Oct 17, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Color *	Color unit	-	5	5	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 B	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	1245	No Standard	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	12.05	No Standard	Water Level Meter	Bangkok
Nitrate as N	mg/L	0.06	0.2	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4110 D	Bangkok
Sulfate *	mg/L	0.15	0.5	60.5	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Sulfide as H2S *	mg/L	-	0.01	<0.01	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-52 (D)	Bangkok
Total Alkalinity as CaCO3 *	mg/L	-	1	511	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	776	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO3 *	mg/L	-	1	172	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Total Solids Dried at 103-105 degree C *	mg/L	-	5	836	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 B	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-2

Page 3 of 3

Sample Number : 2586739-2
Sampled Date : Oct 17, 2025 11:20 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ที่ 1
Date Analysis Commenced : Oct 17, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Turbidity *	NTU	-	0.1	4.7	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	6.15	No Standard	Water Level Meter	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures
Remark :
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- "c" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.
- Sampling is not included in scope of accreditation ISO/IEC 17025

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Analysis / Test Report

TESTING
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Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

Page 1 of 10

Sample Number : 2586739-3
Sampled Date : Oct 17, 2025 11:40 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ที่ 2
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Arsenic	mg/L	0.0003	0.0005	0.0007	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Cadmium	mg/L	0.0003	0.0005	Not Detected	2.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Copper	mg/L	0.0003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Hexavalent Chromium	mg/L	0.003	0.01	Not Detected	6.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3500-C-B	Bangkok
Lead	mg/L	0.0003	0.0005	0.001	4.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Manganese	mg/L	0.0003	0.0005	0.04	33	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Mercury *	mg/L	0.0001	0.0005	Not Detected	0.7	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3112	Bangkok
Nickel	mg/L	0.0003	0.0005	0.001	5.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok

Technical Management
Chanattugum Inthom
Section Head
โทรศัพท์ ๖-204-๖-0008

Approved by
Kanokkorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๖-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436251-1

Page 2 of 10

Sample Number : 2586739-3
Sampled Date : Oct 17, 2025 11:40 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ที่ 2
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Selenium	mg/L	0.0003	0.0005	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Zinc	mg/L	0.003	0.005	0.01	10	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B, 3030 F	Bangkok
Pesticides							
2,4-D *	mg/L	0.0006	0.002	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6640 B	Bangkok
Pesticides - Organochlorine Group							
Aldrin *	mg/L	0.00001	0.00002	Not Detected	0.003	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
alpha-BHC *	mg/L	0.00001	0.00002	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Atrazine *	mg/L	0.00001	0.0005	Not Detected	0.02	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
beta-BHC *	mg/L	0.00001	0.00002	Not Detected	0.03	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management
Chanattugum Inthom
Section Head
โทรศัพท์ ๖-204-๖-0008

Approved by
Kanokkorn Anek
Assistant General Manager
โทรศัพท์ ๖-204-๖-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436252-1

Page 3 of 10

Sample Number : 2586739-3
Sampled Date : Oct 17, 2025 11:40 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ที่ 2
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
Chlordane *	mg/L	0.00002	0.00004	Not Detected	0.04	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
DDO *	mg/L	0.00001	0.00002	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
DDE *	mg/L	0.00001	0.00002	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
DDT *	mg/L	0.00006	0.00012	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Dieldrin *	mg/L	0.00001	0.00002	Not Detected	0.003	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endosulfan *	mg/L	0.00001	0.00002	Not Detected	14	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Endrin *	mg/L	0.00001	0.00002	Not Detected	1.0	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Technical Management

Chanattagum Inthom
Section Head
โทร: 09-0008

Approved by

Kanokkorn Anek
Assistant General Manager
โทร: 09-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436252-1

Page 4 of 10

Sample Number : 2586739-3
Sampled Date : Oct 17, 2025 11:40 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ที่ 2
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Pesticides - Organochlorine Group							
gamma-BHC (Lindane) *	mg/L	0.00001	0.00002	Not Detected	0.04	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor *	mg/L	0.00001	0.00002	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Heptachlor epoxide *	mg/L	0.00001	0.00002	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Hexachlorobenzene *	mg/L	0.00001	0.00002	Not Detected	0.03	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Methoxychlor *	mg/L	0.00001	0.00002	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Pentachlorophenol *	mg/L	0.0001	0.0005	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok
Toxaphene *	mg/L	0.002	0.004	Not Detected	0.04	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6630 D, part 6410 B	Bangkok

Polychlorinated Biphenyls (PCBs)

Technical Management

Chanattagum Inthom
Section Head
โทร: 09-0008

Approved by

Kanokkorn Anek
Assistant General Manager
โทร: 09-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436252-1

Page 5 of 10

Sample Number : 2586739-3
Sampled Date : Oct 17, 2025 11:40 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ที่ 2
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Polychlorinated Biphenyls (PCBs)							
PCB 1016 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1221 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1232 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1242 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1248 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1254 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCB 1260 *	mg/L	0.00015	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
PCBs *	mg/L	0.00015	0.0005	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6431 B	Bangkok
Polycyclic Aromatic Hydrocarbons							
Benzo(a)pyrene	mg/L	0.000003	0.00001	Not Detected	0.01	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6440 C, part 6410 B	Bangkok

Technical Management

Chanattagum Inthom
Section Head
โทร: 09-0008

Approved by

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Assistant General Manager
โทร: 09-0004

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Analysis / Test Report

TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436252-1

Page 6 of 10

Sample Number : 2586739-3
Sampled Date : Oct 17, 2025 11:40 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ที่ 2
Date Analysis Commenced : Oct 18, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Volatile Organics Compounds							
1,1,1-Trichloroethane	mg/L	0.00008	0.0005	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1,2,2-Tetrachloroethane *	mg/L	0.0003	0.001	Not Detected	0.2	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1,2-Trichloroethane	mg/L	0.00008	0.0005	Not Detected	0.8	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1-Dichloroethane	mg/L	0.00015	0.0005	Not Detected	24	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,1-Dichloroethylene	mg/L	0.00011	0.0005	Not Detected	0.1	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,2-Dichloroethane	mg/L	0.00007	0.0005	Not Detected	0.5	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,2-Dichloropropane *	mg/L	0.0003	0.001	Not Detected	0.7	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,3,5-Trimethylbenzene *	mg/L	0.0003	0.001	Not Detected	12	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok
1,3-Dichloropropane *	mg/L	0.00015	0.0005	Not Detected	72	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 6200 B	Bangkok

Technical Management

Chanattagum Inthom
Section Head
โทร: 09-0008

Approved by

Kanokkorn Anek
Assistant General Manager
โทร: 09-0004

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TESTING
No.0009

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436252-1

Page 7 of 10

Sample Number	2586/39-3
Sampled Date	Oct 17, 2025 11:40 AM
Sample Description	Ground Water
Location	วัด Downstream ห่างจากมอฬักน้ำที่ 150 เมตร มอฬักน้ำ
Date Analysis Commenced	Oct 18, 2025
Condition of Sample	Contained in eight plastic bottles, two glass vials, for

Page 8 of 10

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ ว-204-ก-0004

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TESTING
No.0009

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436252-1

Page 9 of 10

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, Measures

(1) : โครงการที่มีการปนเปื้อนของกรดหรือด่างไปปนเปื้อนดินหรือโลหะหนักค่าพิษจากสารเคมีแล้ว
ตัวอย่างเช่นเหล็กที่ค่าเป็นไปจนถึงเกินเกณฑ์การไหลของน้ำใต้ดินในพื้นที่ โดยค่าพิษที่
มาตรฐานของกรมอนามัยกำหนดไว้ไม่เกินคือ 6.5-9.2

Remark :
- LOD : Limit of Detection

Page 10 of 10

Kanokkorn Anek
Assistant General Manager
ทะเบียนเลขที่ 7-204-ก-0004

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1. *Chlorophyll a* (Chl *a*)

100



Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436252-2

Page 1 of 3

Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:40 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ 2
Date Analysis Commenced : Oct 17, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.003	0.005	0.07	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 3125 B.3030 F	Bangkok
Volatile Organics Compounds							
cis-1,2-Dichloropropene *	mg/L	0.0002	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 8200 B	Bangkok
m,p-Xylene	mg/L	0.00003	0.0005	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 8200 B	Bangkok
Water Testing							
Acidity as CaCO ₃ *	mg/L	-	1	38	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2310 B	Bangkok
Ammonia Nitrogen *	mg/L	-	0.06	<0.06	No Standard	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-NH ₃ (B, F)	Bangkok
BOD (5 days at 20 degree C)	mg/L	-	2.0	<2.0	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5210 B, part 4500 - O G	Bangkok
Chloride as Cl ⁻	mg/L	0.06	0.2	27.1	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
COD *	mg/L	-	25	<25	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 5220 D	Bangkok

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Approved by

Chanatt L.

Chanattagim Inthom
Section Head

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436252-2

Page 2 of 3

Sample Number : 2586739-1
Sampled Date : Oct 17, 2025 11:40 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ 2
Date Analysis Commenced : Oct 17, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Color *	Color unit	-	5	5	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2120 B	Bangkok
Conductivity at 25 degree C *	micromhos/cm	-	0.5	1281	No Standard	Based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2510 B	Bangkok
Depth *	m	-	-	12.10	No Standard	Water Level Meter	Bangkok
Nitrate as N	mg/L	0.06	0.2	Not Detected	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4110 D	Bangkok
Sulfate *	mg/L	0.15	0.5	59.8	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4110 B	Bangkok
Sulfide as H ₂ S *	mg/L	-	0.01	<0.01	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-S ₂ (D)	Bangkok
Total Alkalinity as CaCO ₃ *	mg/L	-	1	526	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2320 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	772	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C	Bangkok
Total Hardness as CaCO ₃ *	mg/L	-	1	252	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2340 C	Bangkok
Total Solids Dried at 103-105 degree C *	mg/L	-	5	916	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 B	Bangkok

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by

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Analysis / Test Report



TESTING
No.0009

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586739
Date Received : Oct 17, 2025
Date Reported : Oct 28, 2025
Report Number : 3436252-2

Page 3 of 3

Sample Number : 2586739-3
Sampled Date : Oct 17, 2025 11:40 AM
Sample Description : Ground Water
Location : ใต้ Downstream ห่างจากท่อปล่อยน้ำ 150 เมตร ใต้ 2
Date Analysis Commenced : Oct 17, 2025
Condition of Sample : Contained in eight plastic bottles, two glass vials, four amber glass bottles and two vials, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Water Testing							
Turbidity *	NTU	-	0.1	1.3	No Standard	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2130 B	Bangkok
Water Level *	m	-	-	7.20	No Standard	Water Level Meter	Bangkok

Guideline : Notification of the Ministry of Industry B.E. 2559 (2016) on Soil and Groundwater Contamination Criteria, Monitoring of Soil and Groundwater Quality, Report Submission and Report Preparation of Soil and Groundwater Quality, and Proposal Report of Soil and Groundwater Controlling and Reduction Measures

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.
- Sampling is not included in scope of accreditation ISO/IEC 17025

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

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Analysis / Test Report



Lot ID: 2586723

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number : 3429347-1

Page 1 of 1

Sample Number : 2586723-1
Parameter : Noise (Leq 24 hrs.)
Location : ภายในพื้นที่โครงการ (GPS 47P 0717951, 1615773)
Measurement Date : Oct 02 - Oct 03, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 296511

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	43.2	67.5	40.4
12:00 PM - 01:00 PM	43.5	66.0	40.5
01:00 PM - 02:00 PM	50.4	75.1	44.8
02:00 PM - 03:00 PM	46.7	66.4	42.5
03:00 PM - 04:00 PM	45.8	65.3	43.6
04:00 PM - 05:00 PM	45.6	69.1	43.6
05:00 PM - 06:00 PM	44.8	67.8	41.3
06:00 PM - 07:00 PM	43.8	66.1	42.5
07:00 PM - 08:00 PM	44.3	50.9	43.1
08:00 PM - 09:00 PM	44.4	50.4	42.2
09:00 PM - 10:00 PM	42.8	61.6	41.4
10:00 PM - 11:00 PM	42.2	52.4	41.1
11:00 PM - 12:00 AM	41.8	52.2	41.0
12:00 AM - 01:00 AM	42.4	54.4	41.5
01:00 AM - 02:00 AM	41.7	55.5	40.6
02:00 AM - 03:00 AM	47.4	73.0	41.5
03:00 AM - 04:00 AM	46.9	68.4	41.3
04:00 AM - 05:00 AM	51.0	70.9	44.7
05:00 AM - 06:00 AM	46.0	67.3	42.7
06:00 AM - 07:00 AM	51.4	70.2	42.7
07:00 AM - 08:00 AM	56.1	82.5	49.3
08:00 AM - 09:00 AM	57.6	78.0	54.4
09:00 AM - 10:00 AM	49.5	68.5	45.1
10:00 AM - 11:00 AM	49.4	73.3	43.1
Leq Average 24 hrs. (dB(A))	49.3		
Lmax (dB(A))		82.5	
L90 (dB(A))			42.5
L10 (dB(A))	54.2		
Standard (dB(A))	70	115	

Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่ามาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงอุตสาหกรรม เรื่อง ค่ามาตรฐานเสียงรบกวนจากยานพาหนะ และเครื่องมือที่ผลิตจากภาคยานยนต์ พ.ศ. 2548

Technical Management

Savanya C.

Savanya Chalerthamrungs
Scientist (4)

Approved by

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Supt Salameh
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429348-1

Page 1 of 1

Sample Number : 2586723-2
Parameter : Noise (Leq 24 hrs.)
Location : ภายในพื้นที่โรงงาน (GPS 47P 0717951, 1615773)
Measurement Date : Oct 03 - Oct 04, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 296511

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	48.2	71.1	41.2
12:00 PM - 01:00 PM	50.6	82.4	41.6
01:00 PM - 02:00 PM	61.2	91.8	41.1
02:00 PM - 03:00 PM	60.8	90.9	41.2
03:00 PM - 04:00 PM	45.2	77.6	41.5
04:00 PM - 05:00 PM	63.7	102.9	41.7
05:00 PM - 06:00 PM	61.2	91.0	47.3
06:00 PM - 07:00 PM	51.5	71.3	47.5
07:00 PM - 08:00 PM	47.1	56.5	45.4
08:00 PM - 09:00 PM	46.5	56.5	44.7
09:00 PM - 10:00 PM	46.2	56.3	44.4
10:00 PM - 11:00 PM	45.6	53.7	43.7
11:00 PM - 12:00 AM	45.9	56.3	43.6
12:00 AM - 01:00 AM	44.7	56.8	42.5
01:00 AM - 02:00 AM	44.4	50.1	42.6
02:00 AM - 03:00 AM	44.2	55.2	42.8
03:00 AM - 04:00 AM	44.3	56.3	42.9
04:00 AM - 05:00 AM	45.5	69.1	43.1
05:00 AM - 06:00 AM	46.1	67.0	43.0
06:00 AM - 07:00 AM	49.2	64.2	45.5
07:00 AM - 08:00 AM	47.0	58.0	44.0
08:00 AM - 09:00 AM	45.3	61.3	43.0
09:00 AM - 10:00 AM	46.6	67.8	43.1
10:00 AM - 11:00 AM	44.2	66.5	42.0

Leq Average 24 hrs. (dB(A)) : 54.8
Lmax (dB(A)) : 102.9
L90 (dB(A)) : 43.0
Ldn (dB(A)) : 56.3
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงจากพาหนะ และเครื่องมือเสียงที่ใช้จากภาคโรงงาน พ.ศ. 2548

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429349-1

Page 1 of 1

Sample Number : 2586723-3
Parameter : Noise (Leq 24 hrs.)
Location : ภายในพื้นที่โรงงาน (GPS 47P 0717951, 1615773)
Measurement Date : Oct 04 - Oct 05, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 296511

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	44.5	66.7	42.2
12:00 PM - 01:00 PM	47.2	71.6	43.6
01:00 PM - 02:00 PM	46.1	68.9	43.6
02:00 PM - 03:00 PM	45.8	67.3	43.6
03:00 PM - 04:00 PM	45.3	69.7	41.7
04:00 PM - 05:00 PM	44.2	59.5	42.0
05:00 PM - 06:00 PM	43.9	62.8	42.1
06:00 PM - 07:00 PM	42.8	71.6	41.1
07:00 PM - 08:00 PM	43.4	62.6	41.4
08:00 PM - 09:00 PM	42.9	59.3	41.5
09:00 PM - 10:00 PM	44.0	58.1	42.7
10:00 PM - 11:00 PM	43.9	60.9	42.5
11:00 PM - 12:00 AM	43.4	62.6	42.0
12:00 AM - 01:00 AM	44.3	59.2	42.4
01:00 AM - 02:00 AM	43.3	49.7	42.1
02:00 AM - 03:00 AM	43.8	52.8	42.6
03:00 AM - 04:00 AM	44.1	60.1	43.0
04:00 AM - 05:00 AM	44.6	54.5	43.5
05:00 AM - 06:00 AM	46.8	66.7	44.1
06:00 AM - 07:00 AM	46.4	72.4	42.3
07:00 AM - 08:00 AM	45.2	59.0	43.8
08:00 AM - 09:00 AM	47.3	61.4	45.0
09:00 AM - 10:00 AM	51.9	69.4	44.0
10:00 AM - 11:00 AM	47.1	69.5	43.1

Leq Average 24 hrs. (dB(A)) : 45.7
Lmax (dB(A)) : 72.4
L90 (dB(A)) : 42.5
Ldn (dB(A)) : 51.3
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงจากพาหนะ และเครื่องมือเสียงที่ใช้จากภาคโรงงาน พ.ศ. 2548

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429350-1

Page 1 of 1

Sample Number : 2586723-4
Parameter : Noise (Leq 24 hrs.)
Location : บ้านพักคนงาน (GPS 47P 0717173, 1614016)
Measurement Date : Oct 02 - Oct 03, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 873053

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	52.1	79.4	45.9
02:00 PM - 03:00 PM	52.4	80.4	38.9
03:00 PM - 04:00 PM	50.1	80.4	40.4
04:00 PM - 05:00 PM	62.0	78.4	41.4
05:00 PM - 06:00 PM	52.6	79.7	44.6
06:00 PM - 07:00 PM	51.2	75.6	46.6
07:00 PM - 08:00 PM	50.8	64.2	47.6
08:00 PM - 09:00 PM	51.9	60.2	50.5
09:00 PM - 10:00 PM	51.4	66.0	50.1
10:00 PM - 11:00 PM	50.4	64.0	48.3
11:00 PM - 12:00 AM	49.6	63.8	47.5
12:00 AM - 01:00 AM	48.9	63.6	46.3
01:00 AM - 02:00 AM	52.1	68.3	43.0
02:00 AM - 03:00 AM	62.0	81.5	43.4
03:00 AM - 04:00 AM	54.4	67.5	44.8
04:00 AM - 05:00 AM	55.2	74.9	48.1
05:00 AM - 06:00 AM	54.8	77.7	40.3
06:00 AM - 07:00 AM	61.5	80.3	57.0
07:00 AM - 08:00 AM	56.8	79.1	40.2
08:00 AM - 09:00 AM	56.7	80.0	37.5
09:00 AM - 10:00 AM	56.0	80.7	35.2
10:00 AM - 11:00 AM	50.7	77.9	35.5
11:00 AM - 12:00 PM	49.0	73.5	36.1
12:00 PM - 01:00 PM	49.2	74.6	36.9

Leq Average 24 hrs. (dB(A)) : 55.6
Lmax (dB(A)) : 81.5
L90 (dB(A)) : 43.4
Ldn (dB(A)) : 63.0
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงจากพาหนะ และเครื่องมือเสียงที่ใช้จากภาคโรงงาน พ.ศ. 2548

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429351-1

Page 1 of 1

Sample Number : 2586723-5
Parameter : Noise (Leq 24 hrs.)
Location : บ้านพักคนงาน (GPS 47P 0717173, 1614016)
Measurement Date : Oct 03 - Oct 04, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 873053

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	50.8	76.4	39.2
02:00 PM - 03:00 PM	59.6	74.7	55.1
03:00 PM - 04:00 PM	60.8	74.8	52.3
04:00 PM - 05:00 PM	53.9	73.8	50.9
05:00 PM - 06:00 PM	52.9	72.3	49.8
06:00 PM - 07:00 PM	52.5	73.3	49.8
07:00 PM - 08:00 PM	52.7	68.9	48.9
08:00 PM - 09:00 PM	54.8	77.5	50.3
09:00 PM - 10:00 PM	53.8	78.8	44.9
10:00 PM - 11:00 PM	54.7	76.8	41.3
11:00 PM - 12:00 AM	54.3	77.0	40.6
12:00 AM - 01:00 AM	55.0	78.9	39.9
01:00 AM - 02:00 AM	48.3	70.7	40.1
02:00 AM - 03:00 AM	52.4	74.2	41.2
03:00 AM - 04:00 AM	56.5	81.0	44.4
04:00 AM - 05:00 AM	50.3	75.3	50.3
05:00 AM - 06:00 AM	52.0	78.1	41.9
06:00 AM - 07:00 AM	48.0	73.1	39.5
07:00 AM - 08:00 AM	49.7	69.1	39.5
08:00 AM - 09:00 AM	55.6	85.7	41.3
09:00 AM - 10:00 AM	51.8	74.6	48.9
10:00 AM - 11:00 AM	52.8	76.4	49.7
11:00 AM - 12:00 PM	56.7	71.6	51.0
12:00 PM - 01:00 PM	59.5	69.8	56.4

Leq Average 24 hrs. (dB(A)) : 55.0
Lmax (dB(A)) : 85.7
L90 (dB(A)) : 44.4
Ldn (dB(A)) : 60.1
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2

Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงจากพาหนะ และเครื่องมือเสียงที่ใช้จากภาคโรงงาน พ.ศ. 2548

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429352-1

Page 1 of 1

Sample Number : 2586723-6
Parameter : Noise (Leq 24 hrs.)
Location : บ้านบ่อเกลือ (GPS 47P 0717173, 1614016)
Measurement Date : Oct 04 - Oct 05, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 873053

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	58.9	68.0	56.5
02:00 PM - 03:00 PM	59.6	74.1	56.1
03:00 PM - 04:00 PM	59.1	67.3	55.2
04:00 PM - 05:00 PM	58.3	62.0	53.4
05:00 PM - 06:00 PM	60.0	68.0	49.6
06:00 PM - 07:00 PM	53.5	69.0	44.6
07:00 PM - 08:00 PM	61.1	69.3	49.6
08:00 PM - 09:00 PM	59.9	76.3	47.9
09:00 PM - 10:00 PM	51.6	77.9	43.2
10:00 PM - 11:00 PM	49.0	76.1	39.7
11:00 PM - 12:00 AM	51.9	79.3	41.1
12:00 AM - 01:00 AM	50.3	76.6	42.5
01:00 AM - 02:00 AM	54.9	77.7	42.7
02:00 AM - 03:00 AM	56.3	80.5	43.7
03:00 AM - 04:00 AM	57.2	87.2	46.1
04:00 AM - 05:00 AM	49.9	75.2	44.9
05:00 AM - 06:00 AM	48.1	71.0	44.1
06:00 AM - 07:00 AM	48.5	68.3	43.6
07:00 AM - 08:00 AM	50.5	72.0	43.9
08:00 AM - 09:00 AM	50.0	71.9	43.0
09:00 AM - 10:00 AM	61.6	76.2	48.6
10:00 AM - 11:00 AM	62.1	74.0	54.0
11:00 AM - 12:00 PM	52.8	64.4	50.4
12:00 PM - 01:00 PM	50.6	63.1	48.5

Leq Average 24 hrs. (dB(A)) : 57.1
Lmax (dB(A)) : 87.2
L90 (dB(A)) : 44.9
Ldn (dB(A)) : 60.8
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงสาธารณสุขว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

Technical Management

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Scientist (4)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429353-1

Page 1 of 1

Sample Number : 2586723-7
Parameter : Noise (Leq 24 hrs.)
Location : บ้านบ่อเกลือ (GPS 47P 0717972, 1615754)
Measurement Date : Oct 02 - Oct 03, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 597156

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	54.0	75.3	44.2
01:00 PM - 02:00 PM	51.1	74.7	42.5
02:00 PM - 03:00 PM	49.2	69.3	41.0
03:00 PM - 04:00 PM	49.6	71.4	41.8
04:00 PM - 05:00 PM	50.3	76.1	43.6
05:00 PM - 06:00 PM	56.3	77.5	46.3
06:00 PM - 07:00 PM	56.1	78.0	49.2
07:00 PM - 08:00 PM	50.6	64.8	46.4
08:00 PM - 09:00 PM	45.2	61.9	45.6
09:00 PM - 10:00 PM	52.1	62.2	46.3
10:00 PM - 11:00 PM	47.0	64.9	44.6
11:00 PM - 12:00 AM	47.1	70.5	43.1
12:00 AM - 01:00 AM	45.2	61.9	41.6
01:00 AM - 02:00 AM	44.7	62.2	41.3
02:00 AM - 03:00 AM	46.9	71.3	41.0
03:00 AM - 04:00 AM	55.5	78.5	39.5
04:00 AM - 05:00 AM	53.7	77.8	41.7
05:00 AM - 06:00 AM	51.0	70.7	44.8
06:00 AM - 07:00 AM	52.2	73.8	46.4
07:00 AM - 08:00 AM	51.9	73.6	45.7
08:00 AM - 09:00 AM	52.3	77.5	45.0
09:00 AM - 10:00 AM	52.2	70.4	43.4
10:00 AM - 11:00 AM	51.0	75.6	41.7
11:00 AM - 12:00 PM	49.7	65.0	41.8

Leq Average 24 hrs. (dB(A)) : 51.9
Lmax (dB(A)) : 78.5
L90 (dB(A)) : 43.4
Ldn (dB(A)) : 57.5
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงสาธารณสุขว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429354-1

Page 1 of 1

Sample Number : 2586723-8
Parameter : Noise (Leq 24 hrs.)
Location : บ้านบ่อเกลือ (GPS 47P 0717972, 1615754)
Measurement Date : Oct 03 - Oct 04, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 597156

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	60.7	82.0	44.3
01:00 PM - 02:00 PM	49.3	72.4	42.2
02:00 PM - 03:00 PM	48.8	72.6	41.7
03:00 PM - 04:00 PM	48.9	73.6	42.7
04:00 PM - 05:00 PM	55.7	83.0	46.5
05:00 PM - 06:00 PM	55.7	81.5	45.4
06:00 PM - 07:00 PM	49.9	70.6	47.3
07:00 PM - 08:00 PM	53.7	79.8	46.8
08:00 PM - 09:00 PM	48.4	71.9	43.0
09:00 PM - 10:00 PM	49.1	78.9	41.8
10:00 PM - 11:00 PM	44.9	61.5	41.2
11:00 PM - 12:00 AM	45.3	76.3	37.6
12:00 AM - 01:00 AM	44.3	67.3	38.5
01:00 AM - 02:00 AM	44.4	66.8	40.8
02:00 AM - 03:00 AM	43.5	64.4	39.1
03:00 AM - 04:00 AM	54.8	77.6	38.2
04:00 AM - 05:00 AM	59.5	82.0	42.9
05:00 AM - 06:00 AM	51.3	73.2	43.5
06:00 AM - 07:00 AM	56.5	77.4	45.9
07:00 AM - 08:00 AM	58.6	80.3	45.4
08:00 AM - 09:00 AM	54.9	76.0	45.2
09:00 AM - 10:00 AM	50.8	71.5	44.7
10:00 AM - 11:00 AM	49.2	70.0	42.3
11:00 AM - 12:00 PM	53.1	82.1	42.7

Leq Average 24 hrs. (dB(A)) : 54.0
Lmax (dB(A)) : 83.0
L90 (dB(A)) : 42.7
Ldn (dB(A)) : 59.9
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงสาธารณสุขว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429355-1

Page 1 of 1

Sample Number : 2586723-9
Parameter : Noise (Leq 24 hrs.)
Location : บ้านบ่อเกลือ (GPS 47P 0717972, 1615754)
Measurement Date : Oct 04 - Oct 05, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 597156

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	52.1	68.1	41.8
01:00 PM - 02:00 PM	48.4	65.5	42.0
02:00 PM - 03:00 PM	49.9	70.7	41.8
03:00 PM - 04:00 PM	50.0	70.9	43.1
04:00 PM - 05:00 PM	56.4	80.0	45.0
05:00 PM - 06:00 PM	54.9	76.4	43.9
06:00 PM - 07:00 PM	48.6	66.6	44.2
07:00 PM - 08:00 PM	51.6	81.2	43.2
08:00 PM - 09:00 PM	46.4	67.7	42.6
09:00 PM - 10:00 PM	45.8	62.7	42.7
10:00 PM - 11:00 PM	44.8	63.6	40.4
11:00 PM - 12:00 AM	47.5	65.1	40.2
12:00 AM - 01:00 AM	42.3	62.3	39.6
01:00 AM - 02:00 AM	44.6	72.4	38.2
02:00 AM - 03:00 AM	41.6	59.9	38.7
03:00 AM - 04:00 AM	54.3	76.5	38.1
04:00 AM - 05:00 AM	58.9	79.5	41.6
05:00 AM - 06:00 AM	51.1	73.3	45.0
06:00 AM - 07:00 AM	51.8	70.3	46.2
07:00 AM - 08:00 AM	51.9	71.0	46.2
08:00 AM - 09:00 AM	50.9	71.6	43.5
09:00 AM - 10:00 AM	50.5	76.5	43.3
10:00 AM - 11:00 AM	50.0	70.1	43.8
11:00 AM - 12:00 PM	50.3	85.3	42.7

Leq Average 24 hrs. (dB(A)) : 51.7
Lmax (dB(A)) : 85.3
L90 (dB(A)) : 42.7
Ldn (dB(A)) : 58.4
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540
2. ประกาศกระทรวงสาธารณสุขว่าด้วยมาตรฐานเสียงรบกวนในชุมชน พ.ศ. 2540

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Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429356-1

Page 1 of 1

Sample Number : 2586723-10
Parameter : Noise (Leq 24 hrs.)
Location : บ้านหนองนา (GPS 47P 0718014, 1615286)
Measurement Date : Oct 02 - Oct 03, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 597159

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	58.5	89.7	43.6
11:00 AM - 12:00 PM	55.8	78.3	42.5
12:00 PM - 01:00 PM	59.4	80.8	44.9
01:00 PM - 02:00 PM	58.5	80.7	45.9
02:00 PM - 03:00 PM	58.0	82.6	46.6
03:00 PM - 04:00 PM	59.6	85.9	49.5
04:00 PM - 05:00 PM	59.4	84.4	48.1
05:00 PM - 06:00 PM	56.8	77.4	46.3
06:00 PM - 07:00 PM	57.0	77.2	51.2
07:00 PM - 08:00 PM	54.2	75.9	49.9
08:00 PM - 09:00 PM	54.3	75.9	48.7
09:00 PM - 10:00 PM	52.1	71.9	45.7
10:00 PM - 11:00 PM	53.8	82.1	46.5
11:00 PM - 12:00 AM	50.5	76.8	44.3
12:00 AM - 01:00 AM	48.0	69.4	43.7
01:00 AM - 02:00 AM	50.4	71.2	40.9
02:00 AM - 03:00 AM	49.7	68.1	44.2
03:00 AM - 04:00 AM	59.8	78.0	47.0
04:00 AM - 05:00 AM	54.5	73.4	47.1
05:00 AM - 06:00 AM	58.6	78.2	48.9
06:00 AM - 07:00 AM	60.1	76.0	52.3
07:00 AM - 08:00 AM	61.8	80.6	58.0
08:00 AM - 09:00 AM	59.0	79.2	48.6
09:00 AM - 10:00 AM	58.1	87.5	45.3

Leq Average 24 hrs. (dB(A)) : 57.4
Lmax (dB(A)) : 89.7
L90 (dB(A)) : 47.0
Ldn (dB(A)) : 62.8
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยข้อกำหนดว่าด้วย 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงในท้องที่
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงมาตรฐาน และวิธีวัดเสียงที่เสียจากการทำงานของเครื่องจักร พ.ศ. 2548

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429357-1

Page 1 of 1

Sample Number : 2586723-11
Parameter : Noise (Leq 24 hrs.)
Location : บ้านหนองนา (GPS 47P 0718014, 1615286)
Measurement Date : Oct 03 - Oct 04, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 597159

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	56.7	81.2	44.6
11:00 AM - 12:00 PM	57.8	87.0	43.7
12:00 PM - 01:00 PM	58.2	84.2	43.6
01:00 PM - 02:00 PM	57.4	78.9	43.5
02:00 PM - 03:00 PM	58.1	79.3	44.2
03:00 PM - 04:00 PM	60.4	87.6	48.5
04:00 PM - 05:00 PM	59.0	79.2	51.2
05:00 PM - 06:00 PM	57.6	79.2	50.6
06:00 PM - 07:00 PM	52.1	81.4	49.6
07:00 PM - 08:00 PM	53.6	78.1	48.6
08:00 PM - 09:00 PM	53.0	77.4	47.9
09:00 PM - 10:00 PM	53.6	78.2	47.7
10:00 PM - 11:00 PM	52.1	81.4	45.0
11:00 PM - 12:00 AM	51.6	72.8	43.0
12:00 AM - 01:00 AM	48.1	70.9	43.2
01:00 AM - 02:00 AM	50.8	72.9	43.2
02:00 AM - 03:00 AM	51.7	71.3	46.4
03:00 AM - 04:00 AM	55.1	76.0	48.8
04:00 AM - 05:00 AM	57.1	77.3	48.6
05:00 AM - 06:00 AM	56.9	80.1	46.4
06:00 AM - 07:00 AM	56.2	78.5	46.2
07:00 AM - 08:00 AM	56.6	82.3	46.8
08:00 AM - 09:00 AM	55.4	73.8	47.9
09:00 AM - 10:00 AM	58.8	86.8	48.9

Leq Average 24 hrs. (dB(A)) : 56.4
Lmax (dB(A)) : 87.6
L90 (dB(A)) : 46.4
Ldn (dB(A)) : 61.2
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยข้อกำหนดว่าด้วย 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงในท้องที่
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงมาตรฐาน และวิธีวัดเสียงที่เสียจากการทำงานของเครื่องจักร พ.ศ. 2548

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2586723
Date Received : Oct 08, 2025
Date Reported : Oct 17, 2025
Report Number: 3429358-1

Page 1 of 1

Sample Number : 2586723-12
Parameter : Noise (Leq 24 hrs.)
Location : บ้านหนองนา (GPS 47P 0718014, 1615286)
Measurement Date : Oct 04 - Oct 05, 2025
Measurement by : Teeravut Sukdee
Sound Level meter : Serial No. 597159

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
10:00 AM - 11:00 AM	56.2	83.1	48.9
11:00 AM - 12:00 PM	56.9	78.5	50.3
12:00 PM - 01:00 PM	57.8	82.1	50.4
01:00 PM - 02:00 PM	57.4	77.0	48.2
02:00 PM - 03:00 PM	58.7	78.9	48.6
03:00 PM - 04:00 PM	57.6	81.0	49.6
04:00 PM - 05:00 PM	56.6	82.7	50.5
05:00 PM - 06:00 PM	56.8	82.6	50.5
06:00 PM - 07:00 PM	55.4	79.8	49.7
07:00 PM - 08:00 PM	55.5	79.0	48.3
08:00 PM - 09:00 PM	54.3	81.5	47.1
09:00 PM - 10:00 PM	52.6	74.9	46.0
10:00 PM - 11:00 PM	53.3	84.1	45.3
11:00 PM - 12:00 AM	49.9	76.5	41.5
12:00 AM - 01:00 AM	49.9	70.6	42.8
01:00 AM - 02:00 AM	50.3	74.5	43.3
02:00 AM - 03:00 AM	50.5	69.3	44.5
03:00 AM - 04:00 AM	55.9	81.2	48.1
04:00 AM - 05:00 AM	55.4	73.4	46.1
05:00 AM - 06:00 AM	56.8	81.8	47.5
06:00 AM - 07:00 AM	57.6	87.9	49.2
07:00 AM - 08:00 AM	56.7	79.3	49.8
08:00 AM - 09:00 AM	58.6	88.6	49.3
09:00 AM - 10:00 AM	57.3	78.4	49.8

Leq Average 24 hrs. (dB(A)) : 56.0
Lmax (dB(A)) : 88.6
L90 (dB(A)) : 48.3
Ldn (dB(A)) : 61.2
Standard (dB(A)) : 70
Reference Method : ISO1996-1 and 1996-2
Standard : 1. ประกาศกระทรวงมหาดไทยว่าด้วยข้อกำหนดว่าด้วย 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงในท้องที่
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงมาตรฐาน และวิธีวัดเสียงที่เสียจากการทำงานของเครื่องจักร พ.ศ. 2548

Technical Management

Suwanya C.

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383214-1

Page 1 of 1

Sample Number : 2563487-1
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsin Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	49.2	73.7	44.4
10:00 AM - 11:00 AM	44.9	58.0	43.5
11:00 AM - 12:00 PM	44.3	56.0	43.1
12:00 PM - 01:00 PM	45.8	64.8	43.2
01:00 PM - 02:00 PM	44.7	59.8	43.0
02:00 PM - 03:00 PM	44.1	58.3	42.9
03:00 PM - 04:00 PM	49.1	62.1	40.2
04:00 PM - 05:00 PM	42.9	58.3	39.8

Leq Average 8 hrs. (dB(A)) : 46.2
Lmax (dB(A)) : 73.7
Standard (dB(A)) : 90
Reference Method : Based on ISO1996-1 and 1996-2
Standard : ประกาศกระทรวงมหาดไทยว่าด้วยข้อกำหนดว่าด้วย 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงในท้องที่
ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดค่าระดับเสียงมาตรฐาน และวิธีวัดเสียงที่เสียจากการทำงานของเครื่องจักร พ.ศ. 2548

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383215-1

Page 1 of 1

Sample Number : 2563487-2
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	42.8	62.5	40.6
06:00 PM - 07:00 PM	42.6	60.4	41.1
07:00 PM - 08:00 PM	42.9	61.8	41.9
08:00 PM - 09:00 PM	42.5	54.1	41.2
09:00 PM - 10:00 PM	42.1	51.3	40.8
10:00 PM - 11:00 PM	42.2	54.6	41.3
11:00 PM - 12:00 AM	41.7	51.4	40.8
12:00 AM - 01:00 AM	41.2	50.6	40.4
Leq Average 8 hrs. (dB(A))	42.3		
Lmax (dB(A))		62.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383216-1

Page 1 of 1

Sample Number : 2563487-3
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	42.4	50.3	41.7
02:00 AM - 03:00 AM	42.7	53.1	41.7
03:00 AM - 04:00 AM	43.7	49.7	41.3
04:00 AM - 05:00 AM	42.9	63.0	41.1
05:00 AM - 06:00 AM	42.6	64.0	40.5
06:00 AM - 07:00 AM	44.8	65.2	40.3
07:00 AM - 08:00 AM	49.1	61.8	43.7
08:00 AM - 09:00 AM	45.1	53.5	43.8
Leq Average 8 hrs. (dB(A))	44.8		
Lmax (dB(A))		65.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383217-1

Page 1 of 1

Sample Number : 2563487-4
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	47.2	59.4	44.5
10:00 AM - 11:00 AM	48.5	73.7	44.5
11:00 AM - 12:00 PM	49.5	67.4	46.1
12:00 PM - 01:00 PM	48.5	60.3	46.0
01:00 PM - 02:00 PM	47.7	62.9	46.6
02:00 PM - 03:00 PM	48.4	64.9	46.1
03:00 PM - 04:00 PM	50.7	63.2	46.3
04:00 PM - 05:00 PM	46.1	64.4	46.8
Leq Average 8 hrs. (dB(A))	48.7		
Lmax (dB(A))		73.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383218-1

Page 1 of 1

Sample Number : 2563487-5
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	46.4	55.6	45.3
06:00 PM - 07:00 PM	47.1	66.0	46.3
07:00 PM - 08:00 PM	45.7	57.7	42.8
08:00 PM - 09:00 PM	42.8	56.0	42.0
09:00 PM - 10:00 PM	43.4	58.1	42.3
10:00 PM - 11:00 PM	43.0	58.9	41.4
11:00 PM - 12:00 AM	42.2	50.1	41.3
12:00 AM - 01:00 AM	42.4	49.6	41.8
Leq Average 8 hrs. (dB(A))	44.5		
Lmax (dB(A))		66.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383219-1

Page 1 of 1

Sample Number : 2563487-6
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	42.4	49.0	42.0
02:00 AM - 03:00 AM	43.4	49.4	42.5
03:00 AM - 04:00 AM	43.9	49.9	42.6
04:00 AM - 05:00 AM	43.6	59.4	41.9
05:00 AM - 06:00 AM	44.6	63.7	41.7
06:00 AM - 07:00 AM	44.6	62.6	43.2
07:00 AM - 08:00 AM	54.4	73.1	43.4
08:00 AM - 09:00 AM	54.5	69.6	53.4
Leq Average 8 hrs. (dB(A))	49.4		
Lmax (dB(A))		73.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383220-1

Page 1 of 1

Sample Number : 2563487-7
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	54.0	64.3	53.3
10:00 AM - 11:00 AM	53.6	64.5	53.2
11:00 AM - 12:00 PM	53.7	59.0	53.1
12:00 PM - 01:00 PM	60.0	67.7	53.4
01:00 PM - 02:00 PM	47.0	59.6	44.7
02:00 PM - 03:00 PM	46.4	55.9	44.8
03:00 PM - 04:00 PM	49.4	68.1	45.1
04:00 PM - 05:00 PM	45.5	61.4	44.0
Leq Average 8 hrs. (dB(A))	53.8		
Lmax (dB(A))		68.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383221-1

Page 1 of 1

Sample Number : 2563487-8
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	44.1	60.1	42.3
06:00 PM - 07:00 PM	72.5	108.0	44.1
07:00 PM - 08:00 PM	45.9	63.2	43.9
08:00 PM - 09:00 PM	44.9	53.5	43.8
09:00 PM - 10:00 PM	44.9	53.5	44.1
10:00 PM - 11:00 PM	44.8	56.3	42.9
11:00 PM - 12:00 AM	44.1	55.2	43.0
12:00 AM - 01:00 AM	42.8	52.7	41.7
Leq Average 8 hrs. (dB(A))	63.5		
Lmax (dB(A))		108.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383222-1

Page 1 of 1

Sample Number : 2563487-9
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	43.3	51.9	42.6
02:00 AM - 03:00 AM	43.7	51.8	42.8
03:00 AM - 04:00 AM	43.0	59.9	41.9
04:00 AM - 05:00 AM	42.4	53.0	41.4
05:00 AM - 06:00 AM	44.0	61.6	41.7
06:00 AM - 07:00 AM	44.2	62.7	41.3
07:00 AM - 08:00 AM	45.3	66.5	41.6
08:00 AM - 09:00 AM	50.9	69.0	44.7
Leq Average 8 hrs. (dB(A))	45.6		
Lmax (dB(A))		69.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383223-1

Page 1 of 1

Sample Number : 2563487-10
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	58.4	84.5	41.2
10:00 AM - 11:00 AM	43.1	55.4	41.0
11:00 AM - 12:00 PM	45.2	65.0	40.9
12:00 PM - 01:00 PM	43.4	62.3	40.9
01:00 PM - 02:00 PM	44.2	63.4	40.7
02:00 PM - 03:00 PM	43.1	54.9	40.8
03:00 PM - 04:00 PM	42.1	56.0	40.4
04:00 PM - 05:00 PM	47.5	70.0	41.0
Leq Average 8 hrs. (dB(A))	50.4		
Lmax (dB(A))		84.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383224-1

Page 1 of 1

Sample Number : 2563487-11
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	47.2	68.6	43.4
06:00 PM - 07:00 PM	45.2	49.4	44.0
07:00 PM - 08:00 PM	45.8	51.2	44.2
08:00 PM - 09:00 PM	45.4	59.8	44.1
09:00 PM - 10:00 PM	43.8	50.1	42.5
10:00 PM - 11:00 PM	42.6	50.6	41.7
11:00 PM - 12:00 AM	42.0	60.2	41.2
12:00 AM - 01:00 AM	42.0	50.9	41.1
Leq Average 8 hrs. (dB(A))	44.6		
Lmax (dB(A))		68.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383225-1

Page 1 of 1

Sample Number : 2563487-12
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	42.5	62.7	41.1
02:00 AM - 03:00 AM	42.5	60.7	41.4
03:00 AM - 04:00 AM	43.4	63.3	41.6
04:00 AM - 05:00 AM	42.7	64.9	41.2
05:00 AM - 06:00 AM	42.7	59.8	41.1
06:00 AM - 07:00 AM	45.9	74.7	41.8
07:00 AM - 08:00 AM	46.7	65.4	41.5
08:00 AM - 09:00 AM	47.3	69.2	42.0
Leq Average 8 hrs. (dB(A))	44.7		
Lmax (dB(A))		74.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383226-1

Page 1 of 1

Sample Number : 2563487-13
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	62.0	68.0	43.3
10:00 AM - 11:00 AM	69.3	76.2	66.3
11:00 AM - 12:00 PM	69.4	72.6	68.2
12:00 PM - 01:00 PM	72.0	74.6	70.2
01:00 PM - 02:00 PM	69.5	74.1	68.4
02:00 PM - 03:00 PM	68.0	71.5	66.6
03:00 PM - 04:00 PM	67.6	69.6	67.1
04:00 PM - 05:00 PM	67.6	71.0	66.6
Leq Average 8 hrs. (dB(A))	68.9		
Lmax (dB(A))		76.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383227-1

Page 1 of 1

Sample Number : 2563487-14
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	67.1	70.6	66.4
06:00 PM - 07:00 PM	67.5	71.5	66.3
07:00 PM - 08:00 PM	64.9	70.2	62.7
08:00 PM - 09:00 PM	62.6	66.5	62.4
09:00 PM - 10:00 PM	62.5	64.9	62.3
10:00 PM - 11:00 PM	62.3	68.6	62.2
11:00 PM - 12:00 AM	62.2	66.2	62.1
12:00 AM - 01:00 AM	62.2	63.2	62.1
Leq Average 8 hrs. (dB(A))	64.5		
Lmax (dB(A))		71.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383228-1

Page 1 of 1

Sample Number : 2563487-15
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	62.1	68.8	62.0
02:00 AM - 03:00 AM	62.1	66.3	62.0
03:00 AM - 04:00 AM	62.1	66.8	62.0
04:00 AM - 05:00 AM	62.1	65.1	62.0
05:00 AM - 06:00 AM	63.3	68.6	61.9
06:00 AM - 07:00 AM	65.5	72.5	61.9
07:00 AM - 08:00 AM	62.6	77.3	61.9
08:00 AM - 09:00 AM	62.2	70.3	61.9
Leq Average 8 hrs. (dB(A))	62.9		
Lmax (dB(A))		77.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383229-1

Page 1 of 1

Sample Number : 2563487-16
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	62.3	68.1	62.0
10:00 AM - 11:00 AM	62.6	63.1	62.4
11:00 AM - 12:00 PM	62.8	65.3	62.6
12:00 PM - 01:00 PM	63.1	75.0	62.7
01:00 PM - 02:00 PM	63.1	70.9	62.8
02:00 PM - 03:00 PM	63.0	70.6	62.8
03:00 PM - 04:00 PM	61.6	74.8	51.4
04:00 PM - 05:00 PM	52.0	62.3	51.3
Leq Average 8 hrs. (dB(A))	62.1		
Lmax (dB(A))		75.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383230-1

Page 1 of 1

Sample Number : 2563487-17
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	52.6	68.0	51.5
06:00 PM - 07:00 PM	51.6	63.5	50.6
07:00 PM - 08:00 PM	51.2	53.9	50.8
08:00 PM - 09:00 PM	63.6	69.0	51.2
09:00 PM - 10:00 PM	51.7	67.1	50.9
10:00 PM - 11:00 PM	51.0	58.7	50.6
11:00 PM - 12:00 AM	50.5	58.1	50.2
12:00 AM - 01:00 AM	50.5	65.2	50.1
Leq Average 8 hrs. (dB(A))	56.1		
Lmax (dB(A))		69.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383231-1

Page 1 of 1

Sample Number : 2563487-18
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	50.8	65.0	50.0
02:00 AM - 03:00 AM	50.5	60.5	50.0
03:00 AM - 04:00 AM	50.5	63.3	50.0
04:00 AM - 05:00 AM	50.5	55.1	50.1
05:00 AM - 06:00 AM	50.3	55.5	49.6
06:00 AM - 07:00 AM	51.0	65.4	50.1
07:00 AM - 08:00 AM	50.6	55.4	49.9
08:00 AM - 09:00 AM	47.9	56.9	42.5

Leq Average 8 hrs. (dB(A)) 50.3

Lmax (dB(A)) 65.4

Standard (dB(A)) 90

Reference Method : Based on ISO1996-1 and 1996-2

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Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383232-1

Page 1 of 1

Sample Number : 2563487-19
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	60.2	76.0	54.6
10:00 AM - 11:00 AM	59.7	71.6	54.5
11:00 AM - 12:00 PM	60.1	71.6	55.7
12:00 PM - 01:00 PM	60.3	71.7	56.1
01:00 PM - 02:00 PM	60.1	71.6	55.8
02:00 PM - 03:00 PM	60.2	71.7	55.9
03:00 PM - 04:00 PM	60.3	72.0	55.9
04:00 PM - 05:00 PM	60.1	71.9	55.2

Leq Average 8 hrs. (dB(A)) 60.1

Lmax (dB(A)) 76.0

Standard (dB(A)) 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383233-1

Page 1 of 1

Sample Number : 2563487-20
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	60.0	71.8	55.0
06:00 PM - 07:00 PM	60.0	71.8	55.0
07:00 PM - 08:00 PM	60.0	71.5	55.1
08:00 PM - 09:00 PM	59.9	71.7	54.9
09:00 PM - 10:00 PM	60.0	71.7	54.9
10:00 PM - 11:00 PM	60.0	71.7	55.0
11:00 PM - 12:00 AM	60.1	71.7	55.1
12:00 AM - 01:00 AM	60.0	71.7	55.1

Leq Average 8 hrs. (dB(A)) 60.0

Lmax (dB(A)) 71.8

Standard (dB(A)) 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383234-1

Page 1 of 1

Sample Number : 2563487-21
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	60.1	71.8	55.2
02:00 AM - 03:00 AM	60.2	71.7	55.2
03:00 AM - 04:00 AM	60.1	71.9	55.2
04:00 AM - 05:00 AM	60.1	71.9	55.2
05:00 AM - 06:00 AM	60.0	71.6	55.1
06:00 AM - 07:00 AM	60.0	71.6	55.0
07:00 AM - 08:00 AM	60.0	71.6	54.9
08:00 AM - 09:00 AM	59.9	71.8	54.8

Leq Average 8 hrs. (dB(A)) 60.1

Lmax (dB(A)) 71.9

Standard (dB(A)) 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383235-1

Page 1 of 1

Sample Number : 2563487-22
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	60.0	71.6	54.5
10:00 AM - 11:00 AM	65.4	86.0	62.3
11:00 AM - 12:00 PM	64.7	72.3	63.4
12:00 PM - 01:00 PM	65.5	72.3	63.7
01:00 PM - 02:00 PM	65.6	72.4	64.5
02:00 PM - 03:00 PM	65.6	72.7	64.1
03:00 PM - 04:00 PM	65.7	72.7	64.3
04:00 PM - 05:00 PM	65.6	72.5	64.4
Leq Average 8 hrs. (dB(A))	65.0		
Lmax (dB(A))		86.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383236-1

Page 1 of 1

Sample Number : 2563487-23
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	65.5	72.2	64.4
06:00 PM - 07:00 PM	65.3	72.4	61.4
07:00 PM - 08:00 PM	61.7	71.9	57.6
08:00 PM - 09:00 PM	61.0	71.8	57.5
09:00 PM - 10:00 PM	61.0	71.7	57.7
10:00 PM - 11:00 PM	61.0	71.8	57.5
11:00 PM - 12:00 AM	61.0	71.9	57.6
12:00 AM - 01:00 AM	61.1	71.7	57.6
Leq Average 8 hrs. (dB(A))	62.7		
Lmax (dB(A))		72.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383237-1

Page 1 of 1

Sample Number : 2563487-24
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	61.1	71.8	57.8
02:00 AM - 03:00 AM	61.2	72.1	57.9
03:00 AM - 04:00 AM	61.2	71.9	58.0
04:00 AM - 05:00 AM	61.2	72.1	57.9
05:00 AM - 06:00 AM	61.1	71.8	57.7
06:00 AM - 07:00 AM	61.0	71.7	57.7
07:00 AM - 08:00 AM	61.0	71.6	57.5
08:00 AM - 09:00 AM	61.3	71.7	57.8
Leq Average 8 hrs. (dB(A))	61.1		
Lmax (dB(A))		72.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383238-1

Page 1 of 1

Sample Number : 2563487-25
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	61.0	71.9	57.5
10:00 AM - 11:00 AM	60.9	71.6	57.6
11:00 AM - 12:00 PM	62.2	78.3	57.7
12:00 PM - 01:00 PM	61.4	71.7	58.0
01:00 PM - 02:00 PM	61.3	71.7	58.3
02:00 PM - 03:00 PM	61.6	72.0	58.4
03:00 PM - 04:00 PM	61.0	72.0	54.7
04:00 PM - 05:00 PM	59.8	71.6	54.4
Leq Average 8 hrs. (dB(A))	61.2		
Lmax (dB(A))		78.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383239-1

Page 1 of 1

Sample Number : 2563487-26
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	59.9	71.4	54.7
06:00 PM - 07:00 PM	59.9	72.0	54.6
07:00 PM - 08:00 PM	59.9	71.9	54.6
08:00 PM - 09:00 PM	60.0	71.9	54.9
09:00 PM - 10:00 PM	59.9	72.2	54.8
10:00 PM - 11:00 PM	60.1	72.0	54.9
11:00 PM - 12:00 AM	59.9	71.9	54.4
12:00 AM - 01:00 AM	59.8	72.3	54.1
Leq Average 8 hrs. (dB(A))	59.9		
Lmax (dB(A))		72.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383240-1

Page 1 of 1

Sample Number : 2563487-27
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	59.8	71.9	54.3
02:00 AM - 03:00 AM	59.8	72.1	54.3
03:00 AM - 04:00 AM	59.9	72.0	54.1
04:00 AM - 05:00 AM	59.8	71.9	54.2
05:00 AM - 06:00 AM	59.8	71.7	54.2
06:00 AM - 07:00 AM	59.7	71.6	54.0
07:00 AM - 08:00 AM	59.6	71.6	53.9
08:00 AM - 09:00 AM	59.6	71.6	53.8
Leq Average 8 hrs. (dB(A))	59.8		
Lmax (dB(A))		72.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383241-1

Page 1 of 1

Sample Number : 2563487-28
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	57.3	81.9	51.1
10:00 AM - 11:00 AM	51.9	53.8	50.7
11:00 AM - 12:00 PM	51.8	61.8	50.6
12:00 PM - 01:00 PM	51.7	57.3	50.6
01:00 PM - 02:00 PM	51.6	54.7	50.5
02:00 PM - 03:00 PM	52.4	60.0	50.5
03:00 PM - 04:00 PM	57.4	60.7	50.5
04:00 PM - 05:00 PM	52.8	62.3	50.7
Leq Average 8 hrs. (dB(A))	54.1		
Lmax (dB(A))		81.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383242-1

Page 1 of 1

Sample Number : 2563487-29
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	52.0	56.0	50.7
06:00 PM - 07:00 PM	51.9	55.6	50.7
07:00 PM - 08:00 PM	51.7	54.1	50.8
08:00 PM - 09:00 PM	51.7	54.2	50.8
09:00 PM - 10:00 PM	51.7	54.3	50.8
10:00 PM - 11:00 PM	51.7	53.8	50.8
11:00 PM - 12:00 AM	51.6	53.5	50.8
12:00 AM - 01:00 AM	51.6	53.6	50.8
Leq Average 8 hrs. (dB(A))	51.7		
Lmax (dB(A))		56.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhioi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383243-1

Page 1 of 1

Sample Number	2563487-30		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Aug 05, 2025		
Measurement by	Phongsiri Somkaew		
	Time	Leq (dB(A))	Lmax (dB(A))
			L90 (dB(A))
	01:00 AM - 02:00 AM	51.6	53.6
			50.8
	02:00 AM - 03:00 AM	51.6	54.0
			50.8
	03:00 AM - 04:00 AM	51.6	54.0
			50.9
	04:00 AM - 05:00 AM	51.7	58.2
			50.9
	05:00 AM - 06:00 AM	51.9	55.6
			51.0
	06:00 AM - 07:00 AM	51.8	56.8
			50.9
	07:00 AM - 08:00 AM	57.9	61.0
			50.9
	08:00 AM - 09:00 AM	52.2	60.3
			51.0
	Leq Average 8 hrs. (dB(A))	53.2	
	Lmax (dB(A))		61.0
	Standard (dB(A))	90	140
	Reference Method : Based on ISO1996-1 and 1996-2		
	Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร		
	ในการประเมินคุณภาพสิ่งแวดล้อมในสถานประกอบการในกรุงเทพมหานคร พ.ศ.2562		

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383244-1

Page 1 of 1

Sample Number	2563487-31		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Aug 05, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	53.2	69.2	50.1
10:00 AM - 11:00 AM	52.5	75.0	49.8
11:00 AM - 12:00 PM	54.4	69.6	49.9
12:00 PM - 01:00 PM	52.9	66.2	50.0
01:00 PM - 02:00 PM	51.1	55.2	49.7
02:00 PM - 03:00 PM	52.1	72.1	49.6
03:00 PM - 04:00 PM	57.8	72.0	49.8
04:00 PM - 05:00 PM	56.0	73.3	49.8
Leq Average 8 hrs. (dB(A))	54.3		
Lmax (dB(A))		75.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการประเมินเชิงการ (จะหมายถึงค่าที่ต่ำกว่าค่าเฉลี่ยในภาพรวม พ.ศ.2562)			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383245-1

Page 1 of 1

Sample Number	2563487-32		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Aug 05, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	50.9	52.9	49.7
06:00 PM - 07:00 PM	51.0	55.8	49.7
07:00 PM - 08:00 PM	50.9	54.1	49.7
08:00 PM - 09:00 PM	50.6	53.2	49.3
09:00 PM - 10:00 PM	50.7	54.5	49.4
10:00 PM - 11:00 PM	50.7	53.0	49.4
11:00 PM - 12:00 AM	50.7	53.2	49.5
12:00 AM - 01:00 AM	50.9	53.6	49.8
Leq Average 8 hrs. (dB(A))	50.8		
Lmax (dB(A))		55.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมในสถานประกอบการในกรุงเทพมหานคร พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383246-1

Page 1 of 1

Sample Number	2563487-33		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Aug 06, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	50.8	53.1	49.8
02:00 AM - 03:00 AM	50.8	53.4	49.9
03:00 AM - 04:00 AM	50.6	53.2	49.8
04:00 AM - 05:00 AM	50.9	58.3	49.8
05:00 AM - 06:00 AM	51.0	56.1	49.8
06:00 AM - 07:00 AM	51.1	60.1	49.8
07:00 AM - 08:00 AM	75.2	80.0	55.6
08:00 AM - 09:00 AM	75.8	76.7	75.5
Leq Average 8 hrs. (dB(A))	69.5		
Lmax (dB(A))		80.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : ภาควิชาวิศวกรรมอุตสาหการ โรงเรียน วิทยาศาสตร์และเทคโนโลยีพระบาทสมเด็จพระมงกุฎเกล้าเจ้าอยู่หัว กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมในสถานประกอบการในกรุงเทพมหานคร พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383247-1

Page 1 of 1

Sample Number	2563487-34			
Parameter	Noise (Leq 8 hrs.)			
Location	Boiler Feed Pump Area Block1			
Measurement Date	Aug 06, 2025			
Measurement by	Phongsiri Somkaew			
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	09:00 AM - 10:00 AM	75.6	77.0	75.4
	10:00 AM - 11:00 AM	75.4	77.3	75.2
	11:00 AM - 12:00 PM	77.5	87.6	75.0
	12:00 PM - 01:00 PM	79.7	87.2	74.6
	01:00 PM - 02:00 PM	51.6	70.5	49.6
	02:00 PM - 03:00 PM	51.1	60.3	49.6
	03:00 PM - 04:00 PM	51.6	62.3	49.8
	04:00 PM - 05:00 PM	51.2	55.9	49.6
	Leq Average 8 hrs. (dB(A))	74.4		
	Lmax (dB(A))		87.6	
	Standard (dB(A))	90	140	
	Reference Method : Based on ISO1996-1 and 1996-2			
	Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร			
	ในการประเมินค่าการตรวจวัดเสียงในสถานที่ทำงาน พ.ร.บ.ศสว			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383248-1

Page 1 of 1

Sample Number	2563487-35		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Aug 06, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	51.1	53.3	49.6
06:00 PM - 07:00 PM	51.7	66.1	49.8
07:00 PM - 08:00 PM	50.9	60.8	50.1
08:00 PM - 09:00 PM	50.7	53.2	49.9
09:00 PM - 10:00 PM	50.7	53.8	49.9
10:00 PM - 11:00 PM	50.6	53.2	49.8
11:00 PM - 12:00 AM	50.8	53.3	50.0
12:00 AM - 01:00 AM	52.1	57.1	50.5
Leq Average 8 hrs. (dB(A))	51.1		
Lmax (dB(A))		66.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : ภาควิชาวิศวกรรมกลศาสตร์ หรือ ภาควิชาวิศวกรรมโลหการ ในการประเมินค่าการรบกวนเสียงในโรงงานอุตสาหกรรม กรุงเทพมหานคร			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383249-1

Page 1 of 1

Sample Number	2563487-36		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Aug 07, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	56.5	57.8	56.1
02:00 AM - 03:00 AM	56.7	57.8	56.3
03:00 AM - 04:00 AM	56.7	57.7	56.3
04:00 AM - 05:00 AM	53.9	57.4	52.3
05:00 AM - 06:00 AM	53.0	60.6	52.3
06:00 AM - 07:00 AM	53.1	60.2	52.3
07:00 AM - 08:00 AM	52.5	61.5	49.6
08:00 AM - 09:00 AM	53.0	69.5	49.6
Leq Average 8 hrs. (dB(A))	54.8		
Lmax (dB(A))		69.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบและควบคุมสิ่งแวดล้อมในโรงงานอุตสาหกรรม			

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383250-1

Page 1 of 1

Sample Number	2563487-37		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block 2		
Measurement Date	Aug 04, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	59.5	86.8	50.7
10:00 AM - 11:00 AM	51.9	56.9	50.9
11:00 AM - 12:00 PM	55.3	84.1	50.0
12:00 PM - 01:00 PM	55.3	78.3	50.1
01:00 PM - 02:00 PM	50.9	59.5	49.9
02:00 PM - 03:00 PM	51.1	66.0	49.9
03:00 PM - 04:00 PM	50.9	60.5	49.8
04:00 PM - 05:00 PM	50.5	57.9	49.7
Leq Average 8 hrs. (dB(A))	54.4		
Lmax (dB(A))		86.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบและควบคุมสิ่งแวดล้อมในโรงงานอุตสาหกรรม			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383251-1

Page 1 of 1

Sample Number : 2563487-38
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block 2
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	50.3	51.6	49.8
06:00 PM - 07:00 PM	50.5	51.9	50.1
07:00 PM - 08:00 PM	51.2	52.2	50.0
08:00 PM - 09:00 PM	50.4	53.8	49.9
09:00 PM - 10:00 PM	50.5	51.9	50.0
10:00 PM - 11:00 PM	50.5	51.6	50.0
11:00 PM - 12:00 AM	50.5	51.7	50.0
12:00 AM - 01:00 AM	50.5	51.7	50.0
Leq Average 8 hrs. (dB(A))	50.6		
Lmax (dB(A))		57.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383252-1

Page 1 of 1

Sample Number : 2563487-39
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block 2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	50.5	51.6	50.0
02:00 AM - 03:00 AM	50.5	54.9	50.0
03:00 AM - 04:00 AM	50.6	56.9	50.1
04:00 AM - 05:00 AM	50.8	55.4	50.2
05:00 AM - 06:00 AM	50.7	60.3	50.1
06:00 AM - 07:00 AM	50.6	59.5	50.0
07:00 AM - 08:00 AM	50.9	58.5	49.9
08:00 AM - 09:00 AM	51.9	56.9	50.9
Leq Average 8 hrs. (dB(A))	50.8		
Lmax (dB(A))		60.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383253-1

Page 1 of 1

Sample Number : 2563487-40
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block 2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	88.3	93.3	51.0
10:00 AM - 11:00 AM	90.8	92.9	88.9
11:00 AM - 12:00 PM	90.4	93.8	89.1
12:00 PM - 01:00 PM	92.3	94.6	91.3
01:00 PM - 02:00 PM	89.6	92.2	88.0
02:00 PM - 03:00 PM	87.7	90.2	86.5
03:00 PM - 04:00 PM	87.1	89.7	86.2
04:00 PM - 05:00 PM	88.6	92.7	86.8
Leq Average 8 hrs. (dB(A))	89.7		
Lmax (dB(A))		94.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383254-1

Page 1 of 1

Sample Number : 2563487-41
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block 2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	89.8	92.7	88.2
06:00 PM - 07:00 PM	91.1	95.1	88.6
07:00 PM - 08:00 PM	88.9	94.0	85.5
08:00 PM - 09:00 PM	85.5	86.0	85.3
09:00 PM - 10:00 PM	84.9	85.6	84.6
10:00 PM - 11:00 PM	84.3	85.0	84.0
11:00 PM - 12:00 AM	83.7	84.4	83.5
12:00 AM - 01:00 AM	83.3	84.1	83.1
Leq Average 8 hrs. (dB(A))	87.4		
Lmax (dB(A))		95.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383255-1

Page 1 of 1

Sample Number : 2563487-42
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block 2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	83.1	83.8	82.8
02:00 AM - 03:00 AM	82.9	83.9	82.7
03:00 AM - 04:00 AM	82.9	84.1	82.6
04:00 AM - 05:00 AM	82.9	84.0	82.6
05:00 AM - 06:00 AM	87.1	94.1	82.5
06:00 AM - 07:00 AM	89.6	93.9	82.5
07:00 AM - 08:00 AM	82.6	83.9	82.4
08:00 AM - 09:00 AM	82.6	83.1	82.3
Leq Average 8 hrs. (dB(A))	85.1		
Lmax (dB(A))		94.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383256-1

Page 1 of 1

Sample Number : 2563487-43
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block 2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	82.5	83.2	82.3
10:00 AM - 11:00 AM	82.5	83.2	82.3
11:00 AM - 12:00 PM	82.5	83.1	82.2
12:00 PM - 01:00 PM	82.4	83.2	82.2
01:00 PM - 02:00 PM	82.5	83.1	82.3
02:00 PM - 03:00 PM	82.5	83.1	82.3
03:00 PM - 04:00 PM	80.9	83.2	82.5
04:00 PM - 05:00 PM	65.7	84.7	64.7
Leq Average 8 hrs. (dB(A))	81.7		
Lmax (dB(A))		84.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

Technical Management

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383257-1

Page 1 of 1

Sample Number : 2563487-44
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block 2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	64.3	67.2	64.1
06:00 PM - 07:00 PM	64.0	67.2	63.6
07:00 PM - 08:00 PM	63.2	63.8	63.1
08:00 PM - 09:00 PM	69.2	93.9	63.1
09:00 PM - 10:00 PM	62.8	65.7	62.7
10:00 PM - 11:00 PM	62.6	63.1	62.5
11:00 PM - 12:00 AM	62.5	63.8	62.4
12:00 AM - 01:00 AM	62.4	63.0	62.3
Leq Average 8 hrs. (dB(A))	60.2		
Lmax (dB(A))		93.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383258-1

Page 1 of 1

Sample Number : 2563487-45
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block 2
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	62.3	63.3	62.1
02:00 AM - 03:00 AM	62.1	79.5	61.7
03:00 AM - 04:00 AM	61.9	63.1	61.7
04:00 AM - 05:00 AM	61.7	62.3	61.5
05:00 AM - 06:00 AM	61.4	63.3	61.2
06:00 AM - 07:00 AM	61.3	63.8	61.1
07:00 AM - 08:00 AM	61.2	64.9	61.0
08:00 AM - 09:00 AM	58.6	63.1	55.8
Leq Average 8 hrs. (dB(A))	61.4		
Lmax (dB(A))		79.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383259-1

Page 1 of 1

Sample Number : 2563487-46
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	79.4	85.9	79.2
10:00 AM - 11:00 AM	79.4	79.6	79.3
11:00 AM - 12:00 PM	79.3	79.6	79.2
12:00 PM - 01:00 PM	79.2	79.6	79.1
01:00 PM - 02:00 PM	79.2	79.6	79.1
02:00 PM - 03:00 PM	79.2	79.6	79.1
03:00 PM - 04:00 PM	79.3	79.6	79.2
04:00 PM - 05:00 PM	79.3	79.7	79.2
Leq Average 8 hrs. (dB(A))	79.3		
Lmax (dB(A))		85.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383260-1

Page 1 of 1

Sample Number : 2563487-47
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	79.4	79.7	79.3
06:00 PM - 07:00 PM	79.4	79.7	79.3
07:00 PM - 08:00 PM	79.4	79.7	79.3
08:00 PM - 09:00 PM	79.4	79.7	79.3
09:00 PM - 10:00 PM	79.4	79.7	79.4
10:00 PM - 11:00 PM	79.5	79.8	79.4
11:00 PM - 12:00 AM	79.5	79.8	79.4
12:00 AM - 01:00 AM	79.5	79.8	79.4
Leq Average 8 hrs. (dB(A))	79.4		
Lmax (dB(A))		79.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383261-1

Page 1 of 1

Sample Number : 2563487-48
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	79.5	79.8	79.4
02:00 AM - 03:00 AM	79.5	79.8	79.4
03:00 AM - 04:00 AM	79.5	79.8	79.4
04:00 AM - 05:00 AM	79.5	79.8	79.4
05:00 AM - 06:00 AM	79.5	79.8	79.4
06:00 AM - 07:00 AM	79.5	79.7	79.4
07:00 AM - 08:00 AM	79.5	79.8	79.4
08:00 AM - 09:00 AM	79.4	79.8	79.4
Leq Average 8 hrs. (dB(A))	79.5		
Lmax (dB(A))		79.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383262-1

Page 1 of 1

Sample Number : 2563487-49
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	79.4	80.3	79.3
10:00 AM - 11:00 AM	79.4	79.7	79.3
11:00 AM - 12:00 PM	79.3	79.6	79.2
12:00 PM - 01:00 PM	79.3	82.0	79.2
01:00 PM - 02:00 PM	79.2	79.5	79.2
02:00 PM - 03:00 PM	79.2	79.5	79.1
03:00 PM - 04:00 PM	79.3	79.7	79.1
04:00 PM - 05:00 PM	79.4	79.7	79.3
Leq Average 8 hrs. (dB(A))	79.3		
Lmax (dB(A))		82.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383263-1

Page 1 of 1

Sample Number : 2563487-50
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	79.4	79.7	79.3
06:00 PM - 07:00 PM	79.4	79.8	79.3
07:00 PM - 08:00 PM	79.5	79.8	79.4
08:00 PM - 09:00 PM	79.4	79.7	79.4
09:00 PM - 10:00 PM	79.4	79.8	79.4
10:00 PM - 11:00 PM	79.5	79.8	79.4
11:00 PM - 12:00 AM	79.5	79.8	79.4
12:00 AM - 01:00 AM	79.5	79.8	79.4
Leq Average 8 hrs. (dB(A))	79.5		
Lmax (dB(A))		79.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383264-1

Page 1 of 1

Sample Number : 2563487-51
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	79.5	79.8	79.4
02:00 AM - 03:00 AM	79.5	79.9	79.4
03:00 AM - 04:00 AM	79.5	79.8	79.4
04:00 AM - 05:00 AM	79.5	79.8	79.4
05:00 AM - 06:00 AM	79.5	79.8	79.4
06:00 AM - 07:00 AM	79.5	79.7	79.4
07:00 AM - 08:00 AM	80.8	81.6	79.6
08:00 AM - 09:00 AM	81.1	81.5	80.9
Leq Average 8 hrs. (dB(A))	79.9		
Lmax (dB(A))		81.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

Technical Management

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383265-1

Page 1 of 1

Sample Number : 2563487-52
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	81.0	81.5	80.9
10:00 AM - 11:00 AM	80.9	81.8	80.8
11:00 AM - 12:00 PM	80.9	81.5	80.8
12:00 PM - 01:00 PM	80.5	81.3	79.5
01:00 PM - 02:00 PM	79.4	79.7	79.4
02:00 PM - 03:00 PM	79.4	79.7	79.3
03:00 PM - 04:00 PM	79.4	79.7	79.3
04:00 PM - 05:00 PM	79.4	79.7	79.3
Leq Average 8 hrs. (dB(A))	80.2		
Lmax (dB(A))		81.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383266-1

Page 1 of 1

Sample Number : 2563487-53
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	79.4	79.7	79.4
06:00 PM - 07:00 PM	79.5	79.8	79.4
07:00 PM - 08:00 PM	79.6	79.9	79.5
08:00 PM - 09:00 PM	79.6	79.9	79.5
09:00 PM - 10:00 PM	79.6	79.9	79.5
10:00 PM - 11:00 PM	79.6	80.0	79.5
11:00 PM - 12:00 AM	79.5	79.9	79.5
12:00 AM - 01:00 AM	79.5	79.8	79.4
Leq Average 8 hrs. (dB(A))	79.5		
Lmax (dB(A))		80.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383267-1

Page 1 of 1

Sample Number : 2563487-54
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	79.5	79.7	79.4
02:00 AM - 03:00 AM	79.4	79.8	79.4
03:00 AM - 04:00 AM	79.4	79.7	79.4
04:00 AM - 05:00 AM	79.5	79.8	79.4
05:00 AM - 06:00 AM	79.5	79.8	79.4
06:00 AM - 07:00 AM	79.4	79.7	79.4
07:00 AM - 08:00 AM	79.4	81.6	79.3
08:00 AM - 09:00 AM	79.4	81.4	79.3
Leq Average 8 hrs. (dB(A))	79.4		
Lmax (dB(A))		81.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
มาตรฐาน : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383268-1

Page 1 of 1

Sample Number : 2563487-55
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.4	89.6	76.2
10:00 AM - 11:00 AM	76.4	76.9	76.3
11:00 AM - 12:00 PM	76.4	77.3	76.2
12:00 PM - 01:00 PM	76.3	76.9	76.2
01:00 PM - 02:00 PM	76.4	77.0	76.3
02:00 PM - 03:00 PM	76.4	77.0	76.3
03:00 PM - 04:00 PM	76.5	77.1	76.3
04:00 PM - 05:00 PM	76.5	77.0	76.4
Leq Average 8 hrs. (dB(A))	76.4		
Lmax (dB(A))		89.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
มาตรฐาน : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383269-1

Page 1 of 1

Sample Number : 2563487-56
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.5	76.9	76.4
06:00 PM - 07:00 PM	76.6	77.1	76.5
07:00 PM - 08:00 PM	76.6	77.1	76.5
08:00 PM - 09:00 PM	76.5	77.0	76.4
09:00 PM - 10:00 PM	76.6	77.4	76.5
10:00 PM - 11:00 PM	76.7	77.2	76.6
11:00 PM - 12:00 AM	76.7	77.3	76.6
12:00 AM - 01:00 AM	76.8	77.4	76.7
Leq Average 8 hrs. (dB(A))	76.6		
Lmax (dB(A))		77.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
มาตรฐาน : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383270-1

Page 1 of 1

Sample Number : 2563487-57
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	76.9	77.5	76.7
02:00 AM - 03:00 AM	76.9	77.4	76.7
03:00 AM - 04:00 AM	76.9	77.4	76.7
04:00 AM - 05:00 AM	77.0	77.5	76.7
05:00 AM - 06:00 AM	76.8	77.5	76.6
06:00 AM - 07:00 AM	76.7	77.5	76.4
07:00 AM - 08:00 AM	76.5	83.5	76.2
08:00 AM - 09:00 AM	76.4	88.1	76.2
Leq Average 8 hrs. (dB(A))	76.8		
Lmax (dB(A))		88.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
มาตรฐาน : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383271-1

Page 1 of 1

Sample Number : 2563487-58
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	82.4	97.8	76.4
10:00 AM - 11:00 AM	85.1	89.5	82.1
11:00 AM - 12:00 PM	89.3	89.9	89.0
12:00 PM - 01:00 PM	89.6	91.9	86.6
01:00 PM - 02:00 PM	89.8	92.9	84.8
02:00 PM - 03:00 PM	87.2	89.2	86.6
03:00 PM - 04:00 PM	85.1	86.2	84.8
04:00 PM - 05:00 PM	84.4	84.8	84.3
Leq Average 8 hrs. (dB(A))	87.3		
Lmax (dB(A))		97.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383272-1

Page 1 of 1

Sample Number : 2563487-59
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	84.4	84.8	84.3
06:00 PM - 07:00 PM	84.2	100.0	81.9
07:00 PM - 08:00 PM	82.8	90.9	81.5
08:00 PM - 09:00 PM	81.4	82.4	81.3
09:00 PM - 10:00 PM	81.4	82.3	81.3
10:00 PM - 11:00 PM	81.4	82.2	81.3
11:00 PM - 12:00 AM	81.4	82.2	81.3
12:00 AM - 01:00 AM	81.4	82.4	81.3
Leq Average 8 hrs. (dB(A))	82.5		
Lmax (dB(A))		100.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383273-1

Page 1 of 1

Sample Number : 2563487-60
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	81.5	82.4	81.3
02:00 AM - 03:00 AM	81.5	82.6	81.3
03:00 AM - 04:00 AM	81.4	82.4	81.3
04:00 AM - 05:00 AM	81.4	82.5	81.3
05:00 AM - 06:00 AM	81.5	82.4	81.3
06:00 AM - 07:00 AM	81.5	82.5	81.3
07:00 AM - 08:00 AM	81.5	82.7	81.3
08:00 AM - 09:00 AM	81.5	82.0	81.3
Leq Average 8 hrs. (dB(A))	81.5		
Lmax (dB(A))		82.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383274-1

Page 1 of 1

Sample Number : 2563487-61
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	81.5	82.4	81.4
10:00 AM - 11:00 AM	81.5	82.6	81.4
11:00 AM - 12:00 PM	81.4	82.4	81.3
12:00 PM - 01:00 PM	81.4	82.5	81.3
01:00 PM - 02:00 PM	81.4	82.3	81.3
02:00 PM - 03:00 PM	81.4	82.4	81.3
03:00 PM - 04:00 PM	80.5	82.5	77.8
04:00 PM - 05:00 PM	78.0	79.8	77.8
Leq Average 8 hrs. (dB(A))	81.0		
Lmax (dB(A))		82.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383275-1

Page 1 of 1

Sample Number : 2563487-62
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	77.6	79.7	77.5
06:00 PM - 07:00 PM	77.6	79.6	77.4
07:00 PM - 08:00 PM	77.8	80.0	77.6
08:00 PM - 09:00 PM	78.3	84.5	77.8
09:00 PM - 10:00 PM	77.9	80.1	77.7
10:00 PM - 11:00 PM	77.9	80.4	77.7
11:00 PM - 12:00 AM	77.9	79.9	77.7
12:00 AM - 01:00 AM	77.9	80.2	77.7

Leq Average 8 hrs. (dB(A)) : 77.9
Lmax (dB(A)) : 84.5
Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383276-1

Page 1 of 1

Sample Number : 2563487-63
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	77.9	80.2	77.7
02:00 AM - 03:00 AM	77.9	80.2	77.7
03:00 AM - 04:00 AM	78.0	80.4	77.8
04:00 AM - 05:00 AM	78.1	80.3	77.8
05:00 AM - 06:00 AM	78.0	80.0	77.7
06:00 AM - 07:00 AM	77.8	79.9	77.7
07:00 AM - 08:00 AM	77.7	79.9	77.6
08:00 AM - 09:00 AM	77.6	79.8	77.5

Leq Average 8 hrs. (dB(A)) : 77.9
Lmax (dB(A)) : 80.4
Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562

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S:\Reports_Air Noise.rpt (1.58PM)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383277-1

Page 1 of 1

Sample Number : 2563487-64
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.4	79.3	76.3
10:00 AM - 11:00 AM	76.3	76.6	76.2
11:00 AM - 12:00 PM	76.2	76.5	76.1
12:00 PM - 01:00 PM	76.1	76.5	76.1
01:00 PM - 02:00 PM	76.1	76.4	76.0
02:00 PM - 03:00 PM	76.1	76.4	76.0
03:00 PM - 04:00 PM	76.1	76.5	76.1
04:00 PM - 05:00 PM	76.1	76.5	76.1

Leq Average 8 hrs. (dB(A)) : 76.2
Lmax (dB(A)) : 79.3
Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383278-1

Page 1 of 1

Sample Number : 2563487-65
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.2	76.5	76.1
06:00 PM - 07:00 PM	76.2	76.5	76.1
07:00 PM - 08:00 PM	76.3	76.6	76.2
08:00 PM - 09:00 PM	76.3	76.6	76.2
09:00 PM - 10:00 PM	76.3	76.6	76.2
10:00 PM - 11:00 PM	76.3	76.7	76.3
11:00 PM - 12:00 AM	76.4	76.7	76.3
12:00 AM - 01:00 AM	76.4	76.8	76.3

Leq Average 8 hrs. (dB(A)) : 76.3
Lmax (dB(A)) : 76.8
Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383279-1

Page 1 of 1

Sample Number : 2563487-66
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	76.1	76.4	76.0
02:00 AM - 03:00 AM	76.1	76.4	76.0
03:00 AM - 04:00 AM	76.2	76.5	76.1
04:00 AM - 05:00 AM	76.2	76.5	76.1
05:00 AM - 06:00 AM	76.2	76.5	76.2
06:00 AM - 07:00 AM	76.2	76.6	76.2
07:00 AM - 08:00 AM	76.3	76.6	76.2
08:00 AM - 09:00 AM	76.3	76.7	76.2
Leq Average 8 hrs. (dB(A))	76.2		
Lmax (dB(A))		76.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383280-1

Page 1 of 1

Sample Number : 2563487-67
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.2	76.5	76.1
10:00 AM - 11:00 AM	76.2	76.6	76.1
11:00 AM - 12:00 PM	76.3	76.6	76.2
12:00 PM - 01:00 PM	76.3	76.6	76.3
01:00 PM - 02:00 PM	76.3	76.7	76.3
02:00 PM - 03:00 PM	76.4	76.7	76.3
03:00 PM - 04:00 PM	76.4	76.8	76.3
04:00 PM - 05:00 PM	76.2	76.5	76.1
Leq Average 8 hrs. (dB(A))	76.3		
Lmax (dB(A))		76.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383281-1

Page 1 of 1

Sample Number : 2563487-68
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.3	79.2	76.2
06:00 PM - 07:00 PM	76.2	76.5	76.1
07:00 PM - 08:00 PM	76.1	76.4	76.0
08:00 PM - 09:00 PM	76.0	76.4	76.0
09:00 PM - 10:00 PM	76.0	76.3	75.9
10:00 PM - 11:00 PM	76.0	76.3	75.9
11:00 PM - 12:00 AM	76.0	76.4	76.0
12:00 AM - 01:00 AM	76.1	76.5	76.1
Leq Average 8 hrs. (dB(A))	76.1		
Lmax (dB(A))		79.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383282-1

Page 1 of 1

Sample Number : 2563487-69
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	76.3	76.6	76.3
02:00 AM - 03:00 AM	76.3	76.7	76.3
03:00 AM - 04:00 AM	76.4	76.7	76.3
04:00 AM - 05:00 AM	76.4	76.8	76.3
05:00 AM - 06:00 AM	76.2	76.5	76.1
06:00 AM - 07:00 AM	76.2	76.5	76.1
07:00 AM - 08:00 AM	76.3	76.6	76.2
08:00 AM - 09:00 AM	76.3	76.6	76.2
Leq Average 8 hrs. (dB(A))	76.3		
Lmax (dB(A))		76.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383283-1

Page 1 of 1

Sample Number : 2563487-70
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.3	76.6	76.3
10:00 AM - 11:00 AM	76.3	76.7	76.3
11:00 AM - 12:00 PM	76.4	76.7	76.3
12:00 PM - 01:00 PM	76.4	76.8	76.3
01:00 PM - 02:00 PM	76.4	79.3	76.3
02:00 PM - 03:00 PM	76.3	76.6	76.2
03:00 PM - 04:00 PM	76.2	76.5	76.1
04:00 PM - 05:00 PM	76.1	76.5	76.1
Leq Average 8 hrs. (dB(A))	76.3		
Lmax (dB(A))		79.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383284-1

Page 1 of 1

Sample Number : 2563487-71
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.1	76.4	76.0
06:00 PM - 07:00 PM	76.1	76.4	76.0
07:00 PM - 08:00 PM	76.1	76.5	76.1
08:00 PM - 09:00 PM	76.2	76.6	76.2
09:00 PM - 10:00 PM	76.2	76.5	76.1
10:00 PM - 11:00 PM	76.2	76.5	76.1
11:00 PM - 12:00 AM	76.2	76.5	76.2
12:00 AM - 01:00 AM	76.2	76.6	76.2
Leq Average 8 hrs. (dB(A))	76.2		
Lmax (dB(A))		76.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563487
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383285-1

Page 1 of 1

Sample Number : 2563487-72
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	76.3	76.6	76.2
02:00 AM - 03:00 AM	76.3	76.7	76.2
03:00 AM - 04:00 AM	76.3	75.2	76.2
04:00 AM - 05:00 AM	76.2	76.5	76.1
05:00 AM - 06:00 AM	76.1	76.4	76.0
06:00 AM - 07:00 AM	76.0	76.4	76.0
07:00 AM - 08:00 AM	76.0	76.3	75.9
08:00 AM - 09:00 AM	76.0	76.3	75.9
Leq Average 8 hrs. (dB(A))	76.2		
Lmax (dB(A))		79.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383302-1

Page 1 of 1

Sample Number : 2563489-1
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block2
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	73.2	76.7	73.1
10:00 AM - 11:00 AM	73.1	73.5	73.0
11:00 AM - 12:00 PM	73.2	75.3	73.1
12:00 PM - 01:00 PM	73.3	75.5	73.2
01:00 PM - 02:00 PM	73.4	73.9	73.2
02:00 PM - 03:00 PM	73.4	74.0	73.2
03:00 PM - 04:00 PM	73.4	73.9	73.2
04:00 PM - 05:00 PM	73.3	73.8	73.2
Leq Average 8 hrs. (dB(A))	73.3		
Lmax (dB(A))		76.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383033-1

Page 1 of 1

Sample Number : 2563489-2
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block2
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	73.2	73.6	73.2
06:00 PM - 07:00 PM	73.2	73.6	73.1
07:00 PM - 08:00 PM	73.3	73.6	73.2
08:00 PM - 09:00 PM	73.3	73.7	73.2
09:00 PM - 10:00 PM	73.4	74.4	73.3
10:00 PM - 11:00 PM	73.4	73.8	73.3
11:00 PM - 12:00 AM	73.4	73.8	73.3
12:00 AM - 01:00 AM	73.4	73.8	73.3
Leq Average 8 hrs. (dB(A))	73.3		
Lmax (dB(A))		74.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383033-1

Page 1 of 1

Sample Number : 2563489-3
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	73.4	73.9	73.4
02:00 AM - 03:00 AM	73.4	73.8	73.3
03:00 AM - 04:00 AM	73.4	73.8	73.3
04:00 AM - 05:00 AM	73.5	73.9	73.4
05:00 AM - 06:00 AM	73.5	74.0	73.4
06:00 AM - 07:00 AM	73.5	73.9	73.4
07:00 AM - 08:00 AM	73.4	80.4	73.2
08:00 AM - 09:00 AM	73.5	86.1	73.2
Leq Average 8 hrs. (dB(A))	73.5		
Lmax (dB(A))		86.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383033-1

Page 1 of 1

Sample Number : 2563489-4
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	79.4	92.1	73.3
10:00 AM - 11:00 AM	86.1	91.8	80.6
11:00 AM - 12:00 PM	91.4	92.9	91.0
12:00 PM - 01:00 PM	91.7	94.7	90.4
01:00 PM - 02:00 PM	92.2	96.1	84.9
02:00 PM - 03:00 PM	89.3	91.4	88.1
03:00 PM - 04:00 PM	86.4	87.1	86.0
04:00 PM - 05:00 PM	85.0	85.7	84.8
Leq Average 8 hrs. (dB(A))	89.2		
Lmax (dB(A))		96.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383033-1

Page 1 of 1

Sample Number : 2563489-5
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	84.8	85.3	84.7
06:00 PM - 07:00 PM	83.9	94.5	81.1
07:00 PM - 08:00 PM	83.5	94.2	80.7
08:00 PM - 09:00 PM	80.7	81.4	80.5
09:00 PM - 10:00 PM	80.7	81.5	80.6
10:00 PM - 11:00 PM	80.7	81.4	80.6
11:00 PM - 12:00 AM	80.8	81.5	80.7
12:00 AM - 01:00 AM	80.9	81.5	80.7
Leq Average 8 hrs. (dB(A))	82.3		
Lmax (dB(A))		94.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383037-1

Page 1 of 1

Sample Number : 2563489-6
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	80.9	81.5	80.7
02:00 AM - 03:00 AM	80.9	81.9	80.7
03:00 AM - 04:00 AM	80.9	82.0	80.8
04:00 AM - 05:00 AM	80.9	81.6	80.7
05:00 AM - 06:00 AM	81.0	81.8	80.8
06:00 AM - 07:00 AM	81.0	81.9	80.8
07:00 AM - 08:00 AM	80.8	81.7	80.7
08:00 AM - 09:00 AM	80.8	81.4	80.7
Leq Average 8 hrs. (dB(A))	80.9		
Lmax (dB(A))		82.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383038-1

Page 1 of 1

Sample Number : 2563489-7
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	80.8	81.6	80.7
10:00 AM - 11:00 AM	80.7	81.6	80.6
11:00 AM - 12:00 PM	80.7	81.4	80.5
12:00 PM - 01:00 PM	80.7	81.3	80.5
01:00 PM - 02:00 PM	80.6	81.3	80.5
02:00 PM - 03:00 PM	80.7	81.5	80.6
03:00 PM - 04:00 PM	79.3	81.3	75.2
04:00 PM - 05:00 PM	75.2	77.3	75.1
Leq Average 8 hrs. (dB(A))	80.1		
Lmax (dB(A))		81.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383039-1

Page 1 of 1

Sample Number : 2563489-8
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	74.8	77.2	74.7
06:00 PM - 07:00 PM	74.9	77.3	74.8
07:00 PM - 08:00 PM	75.0	77.4	74.9
08:00 PM - 09:00 PM	75.0	78.6	75.1
09:00 PM - 10:00 PM	75.1	77.5	75.0
10:00 PM - 11:00 PM	75.1	77.5	75.0
11:00 PM - 12:00 AM	75.1	77.6	75.0
12:00 AM - 01:00 AM	75.1	77.7	75.0
Leq Average 8 hrs. (dB(A))	75.1		
Lmax (dB(A))		78.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383040-1

Page 1 of 1

Sample Number : 2563489-9
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block2
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	75.2	77.9	75.0
02:00 AM - 03:00 AM	75.2	77.7	75.1
03:00 AM - 04:00 AM	75.1	77.8	75.0
04:00 AM - 05:00 AM	75.2	77.8	75.1
05:00 AM - 06:00 AM	75.2	77.7	75.1
06:00 AM - 07:00 AM	75.1	77.6	75.0
07:00 AM - 08:00 AM	75.0	77.5	74.9
08:00 AM - 09:00 AM	74.9	77.5	74.8
Leq Average 8 hrs. (dB(A))	75.1		
Lmax (dB(A))		77.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383041-1

Page 1 of 1

Sample Number : 2563489-10
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	78.2	80.9	77.9
10:00 AM - 11:00 AM	78.3	78.6	78.2
11:00 AM - 12:00 PM	78.3	78.7	78.2
12:00 PM - 01:00 PM	78.3	78.7	78.2
01:00 PM - 02:00 PM	78.2	78.6	78.2
02:00 PM - 03:00 PM	78.2	78.6	78.2
03:00 PM - 04:00 PM	78.2	78.6	78.1
04:00 PM - 05:00 PM	78.2	78.6	78.2
Leq Average 8 hrs. (dB(A))	78.2		
Lmax (dB(A))		80.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383042-1

Page 1 of 1

Sample Number : 2563489-11
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block1
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	78.2	78.6	78.2
06:00 PM - 07:00 PM	78.2	78.6	78.2
07:00 PM - 08:00 PM	78.3	78.6	78.2
08:00 PM - 09:00 PM	78.3	78.7	78.3
09:00 PM - 10:00 PM	78.4	78.7	78.3
10:00 PM - 11:00 PM	78.4	78.8	78.4
11:00 PM - 12:00 AM	78.4	78.8	78.4
12:00 AM - 01:00 AM	78.4	78.8	78.4
Leq Average 8 hrs. (dB(A))	78.3		
Lmax (dB(A))		78.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383043-1

Page 1 of 1

Sample Number : 2563489-12
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	78.4	78.7	78.4
02:00 AM - 03:00 AM	78.4	78.7	78.4
03:00 AM - 04:00 AM	78.4	78.8	78.4
04:00 AM - 05:00 AM	78.5	78.7	78.4
05:00 AM - 06:00 AM	78.4	78.8	78.4
06:00 AM - 07:00 AM	78.5	78.8	78.4
07:00 AM - 08:00 AM	78.4	78.9	78.3
08:00 AM - 09:00 AM	78.4	78.7	78.3
Leq Average 8 hrs. (dB(A))	78.4		
Lmax (dB(A))		78.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383044-1

Page 1 of 1

Sample Number : 2563489-13
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	78.3	79.1	78.2
10:00 AM - 11:00 AM	78.3	78.6	78.2
11:00 AM - 12:00 PM	78.3	78.7	78.2
12:00 PM - 01:00 PM	78.3	85.8	78.2
01:00 PM - 02:00 PM	78.2	78.6	78.1
02:00 PM - 03:00 PM	78.2	78.5	78.1
03:00 PM - 04:00 PM	78.3	78.7	78.2
04:00 PM - 05:00 PM	78.3	78.7	78.2
Leq Average 8 hrs. (dB(A))	78.3		
Lmax (dB(A))		85.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383045-1

Page 1 of 1

Sample Number : 2563489-14
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block1
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	78.3	78.6	78.2
06:00 PM - 07:00 PM	78.3	78.7	78.2
07:00 PM - 08:00 PM	78.4	78.8	78.3
08:00 PM - 09:00 PM	78.4	78.7	78.3
09:00 PM - 10:00 PM	78.4	78.7	78.3
10:00 PM - 11:00 PM	78.4	78.7	78.3
11:00 PM - 12:00 AM	78.4	78.8	78.4
12:00 AM - 01:00 AM	78.4	78.8	78.4
Leq Average 8 hrs. (dB(A))	78.4		
Lmax (dB(A))		78.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383046-1

Page 1 of 1

Sample Number : 2563489-15
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	78.4	78.8	78.4
02:00 AM - 03:00 AM	78.4	78.8	78.4
03:00 AM - 04:00 AM	78.5	78.8	78.4
04:00 AM - 05:00 AM	78.5	78.8	78.4
05:00 AM - 06:00 AM	78.4	78.8	78.3
06:00 AM - 07:00 AM	78.4	78.7	78.3
07:00 AM - 08:00 AM	79.5	80.2	78.5
08:00 AM - 09:00 AM	79.7	80.1	79.6
Leq Average 8 hrs. (dB(A))	78.8		
Lmax (dB(A))		80.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383047-1

Page 1 of 1

Sample Number : 2563489-16
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	79.7	80.3	79.5
10:00 AM - 11:00 AM	79.5	80.2	79.4
11:00 AM - 12:00 PM	79.4	79.9	79.3
12:00 PM - 01:00 PM	79.2	79.8	78.4
01:00 PM - 02:00 PM	78.3	78.6	78.2
02:00 PM - 03:00 PM	78.2	78.6	78.2
03:00 PM - 04:00 PM	78.2	78.6	78.1
04:00 PM - 05:00 PM	78.3	78.7	78.2
Leq Average 8 hrs. (dB(A))	78.9		
Lmax (dB(A))		80.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383048-1

Page 1 of 1

Sample Number : 2563489-17
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block1
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	78.3	78.6	78.2
06:00 PM - 07:00 PM	78.4	78.8	78.3
07:00 PM - 08:00 PM	78.6	78.9	78.5
08:00 PM - 09:00 PM	78.6	78.9	78.5
09:00 PM - 10:00 PM	78.6	78.9	78.5
10:00 PM - 11:00 PM	78.6	78.9	78.5
11:00 PM - 12:00 AM	78.5	78.8	78.5
12:00 AM - 01:00 AM	78.5	78.8	78.4
Leq Average 8 hrs. (dB(A))	78.5		
Lmax (dB(A))		78.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383049-1

Page 1 of 1

Sample Number : 2563489-18
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block1
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	78.4	78.7	78.4
02:00 AM - 03:00 AM	78.4	78.7	78.4
03:00 AM - 04:00 AM	78.4	78.8	78.3
04:00 AM - 05:00 AM	78.4	78.7	78.4
05:00 AM - 06:00 AM	78.4	78.8	78.3
06:00 AM - 07:00 AM	78.3	78.7	78.3
07:00 AM - 08:00 AM	78.3	82.0	78.2
08:00 AM - 09:00 AM	78.2	81.1	78.0
Leq Average 8 hrs. (dB(A))	78.4		
Lmax (dB(A))		82.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383050-1

Page 1 of 1

Sample Number : 2563489-19
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block2
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.2	94.5	75.9
10:00 AM - 11:00 AM	76.1	77.0	75.9
11:00 AM - 12:00 PM	76.2	78.3	75.9
12:00 PM - 01:00 PM	76.2	78.6	75.9
01:00 PM - 02:00 PM	76.2	77.0	75.9
02:00 PM - 03:00 PM	76.1	76.9	75.9
03:00 PM - 04:00 PM	76.1	77.0	75.9
04:00 PM - 05:00 PM	76.1	76.7	75.9
Leq Average 8 hrs. (dB(A))	76.2		
Lmax (dB(A))		94.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383051-1

Page 1 of 1

Sample Number : 2563489-20
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block2
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.1	76.6	75.9
06:00 PM - 07:00 PM	76.1	76.6	76.1
07:00 PM - 08:00 PM	76.2	76.8	76.0
08:00 PM - 09:00 PM	76.1	76.7	76.0
09:00 PM - 10:00 PM	76.2	76.8	76.0
10:00 PM - 11:00 PM	76.3	77.0	76.2
11:00 PM - 12:00 AM	76.4	77.1	76.3
12:00 AM - 01:00 AM	76.4	76.9	76.3
Leq Average 8 hrs. (dB(A))	76.2		
Lmax (dB(A))		77.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383052-1

Page 1 of 1

Sample Number : 2563489-21
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	76.4	76.9	76.3
02:00 AM - 03:00 AM	76.4	76.9	76.3
03:00 AM - 04:00 AM	76.4	76.8	76.3
04:00 AM - 05:00 AM	76.4	76.9	76.3
05:00 AM - 06:00 AM	76.4	76.8	76.2
06:00 AM - 07:00 AM	76.2	76.7	76.1
07:00 AM - 08:00 AM	76.1	82.8	75.8
08:00 AM - 09:00 AM	76.1	88.5	75.7
Leq Average 8 hrs. (dB(A))	76.3		
Lmax (dB(A))		88.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383053-1

Page 1 of 1

Sample Number : 2563489-22
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	83.2	100.0	76.1
10:00 AM - 11:00 AM	84.9	96.6	82.3
11:00 AM - 12:00 PM	88.9	89.4	88.6
12:00 PM - 01:00 PM	89.2	91.6	88.2
01:00 PM - 02:00 PM	89.4	92.3	84.8
02:00 PM - 03:00 PM	87.2	89.1	86.5
03:00 PM - 04:00 PM	85.3	87.1	85.0
04:00 PM - 05:00 PM	84.5	85.0	84.4
Leq Average 8 hrs. (dB(A))	87.1		
Lmax (dB(A))		100.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383054-1

Page 1 of 1

Sample Number : 2563489-23
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block2
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	84.5	84.9	84.4
06:00 PM - 07:00 PM	84.4	102.1	81.6
07:00 PM - 08:00 PM	82.6	90.7	81.2
08:00 PM - 09:00 PM	81.2	82.4	81.1
09:00 PM - 10:00 PM	81.2	82.3	81.0
10:00 PM - 11:00 PM	81.2	82.2	81.0
11:00 PM - 12:00 AM	81.2	82.2	81.1
12:00 AM - 01:00 AM	81.2	82.1	81.1
Leq Average 8 hrs. (dB(A))	82.4		
Lmax (dB(A))		102.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383055-1

Page 1 of 1

Sample Number : 2563489-24
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	81.3	82.3	81.1
02:00 AM - 03:00 AM	81.3	82.6	81.1
03:00 AM - 04:00 AM	81.3	82.5	81.1
04:00 AM - 05:00 AM	81.3	82.4	81.1
05:00 AM - 06:00 AM	81.3	82.3	81.1
06:00 AM - 07:00 AM	81.3	82.7	81.1
07:00 AM - 08:00 AM	81.3	82.5	81.1
08:00 AM - 09:00 AM	81.4	81.8	81.2
Leq Average 8 hrs. (dB(A))	81.3		
Lmax (dB(A))		82.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383056-1

Page 1 of 1

Sample Number : 2563489-25
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	81.4	82.5	81.2
10:00 AM - 11:00 AM	81.3	82.4	81.2
11:00 AM - 12:00 PM	81.2	82.4	81.1
12:00 PM - 01:00 PM	81.2	82.4	81.1
01:00 PM - 02:00 PM	81.2	82.4	81.1
02:00 PM - 03:00 PM	81.2	82.3	81.1
03:00 PM - 04:00 PM	80.4	82.4	77.8
04:00 PM - 05:00 PM	77.9	80.2	77.8
Leq Average 8 hrs. (dB(A))	80.8		
Lmax (dB(A))		82.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383057-1

Page 1 of 1

Sample Number : 2563489-26
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block2
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	77.6	79.9	77.5
06:00 PM - 07:00 PM	77.5	80.0	77.5
07:00 PM - 08:00 PM	77.6	80.0	77.5
08:00 PM - 09:00 PM	78.0	82.9	77.7
09:00 PM - 10:00 PM	77.6	79.9	77.5
10:00 PM - 11:00 PM	77.7	79.9	77.6
11:00 PM - 12:00 AM	77.7	79.9	77.6
12:00 AM - 01:00 AM	77.7	79.9	77.6

Leq Average 8 hrs. (dB(A)) 77.7

Lmax (dB(A)) 82.9

Standard (dB(A)) 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383058-1

Page 1 of 1

Sample Number : 2563489-27
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Lube oil skid Block2
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	77.8	79.9	77.6
02:00 AM - 03:00 AM	77.8	79.8	77.7
03:00 AM - 04:00 AM	77.8	80.0	77.7
04:00 AM - 05:00 AM	77.9	80.0	77.9
05:00 AM - 06:00 AM	77.8	79.7	77.7
06:00 AM - 07:00 AM	77.7	79.7	77.6
07:00 AM - 08:00 AM	77.7	79.7	77.6
08:00 AM - 09:00 AM	77.6	79.5	77.5

Leq Average 8 hrs. (dB(A)) 77.8

Lmax (dB(A)) 80.0

Standard (dB(A)) 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383059-1

Page 1 of 1

Sample Number : 2563489-28
Parameter : Noise (Leq 8 hrs.)
Location : Air Compressor Area (Common)
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	59.3	90.3	48.8
10:00 AM - 11:00 AM	52.3	70.7	48.8
11:00 AM - 12:00 PM	52.7	70.7	50.2
12:00 PM - 01:00 PM	51.9	70.9	48.9
01:00 PM - 02:00 PM	51.6	70.9	48.7
02:00 PM - 03:00 PM	51.7	71.0	49.0
03:00 PM - 04:00 PM	53.2	71.6	49.0
04:00 PM - 05:00 PM	52.4	70.9	49.4

Leq Average 8 hrs. (dB(A)) 54.1

Lmax (dB(A)) 90.3

Standard (dB(A)) 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383060-1

Page 1 of 1

Sample Number : 2563489-29
Parameter : Noise (Leq 8 hrs.)
Location : Air Compressor Area (Common)
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	52.0	70.7	49.7
06:00 PM - 07:00 PM	51.9	70.7	49.5
07:00 PM - 08:00 PM	51.9	71.1	49.4
08:00 PM - 09:00 PM	50.9	70.9	48.8
09:00 PM - 10:00 PM	50.6	70.9	47.8
10:00 PM - 11:00 PM	51.3	70.9	48.5
11:00 PM - 12:00 AM	51.3	70.8	48.6
12:00 AM - 01:00 AM	51.0	70.8	48.4

Leq Average 8 hrs. (dB(A)) 51.4

Lmax (dB(A)) 71.1

Standard (dB(A)) 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383061-1

Page 1 of 1

Sample Number	2563489-30		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Aug 05, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	50.6	70.9	48.2
02:00 AM - 03:00 AM	51.5	70.9	48.7
03:00 AM - 04:00 AM	52.1	76.7	49.0
04:00 AM - 05:00 AM	51.5	70.6	49.1
05:00 AM - 06:00 AM	51.2	70.9	48.5
06:00 AM - 07:00 AM	52.4	71.2	49.3
07:00 AM - 08:00 AM	52.8	80.8	48.9
08:00 AM - 09:00 AM	52.6	73.9	49.3
Leq Average 8 hrs. (dB(A))	51.9		
Lmax (dB(A))		80.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard :	ประกาศกระทรวงอุตสาหกรรม เรื่อง มาตรฐานการวัดและประเมินผลเสียง ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงในทางภายใน พ.ศ.๒๕๖๕		

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383062-1

Page 1 of 1

Sample Number	2563489-31		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Aug 05, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	52.4	70.8	48.5
10:00 AM - 11:00 AM	56.7	71.4	52.7
11:00 AM - 12:00 PM	57.2	70.9	55.9
12:00 PM - 01:00 PM	57.6	70.7	56.5
01:00 PM - 02:00 PM	58.0	70.7	56.8
02:00 PM - 03:00 PM	58.5	71.1	55.5
03:00 PM - 04:00 PM	57.1	70.8	56.2
04:00 PM - 05:00 PM	57.4	71.0	56.4
Leq Average 8 hrs. (dB(A))	57.1		
Lmax (dB(A))		71.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการตรวจวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383063-1

Page 1 of 1

Sample Number	2563489-32		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Aug 05, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	56.8	70.8	56.1
06:00 PM - 07:00 PM	57.1	70.8	56.0
07:00 PM - 08:00 PM	54.9	70.9	53.3
08:00 PM - 09:00 PM	54.5	70.7	52.8
09:00 PM - 10:00 PM	54.4	70.9	53.1
10:00 PM - 11:00 PM	53.9	70.8	52.8
11:00 PM - 12:00 AM	54.1	71.0	53.1
12:00 AM - 01:00 AM	54.0	70.8	53.0
Leq Average 8 hrs. (dB(A))	55.1		
Lmax (dB(A))		71.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383064-1

Page 1 of 1

Sample Number	2563489-33		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Aug 06, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	54.5	70.9	53.4
02:00 AM - 03:00 AM	54.6	70.8	53.8
03:00 AM - 04:00 AM	54.8	71.0	53.8
04:00 AM - 05:00 AM	54.9	71.0	53.4
05:00 AM - 06:00 AM	54.6	71.0	53.4
06:00 AM - 07:00 AM	54.4	70.9	53.1
07:00 AM - 08:00 AM	54.9	71.2	52.7
08:00 AM - 09:00 AM	54.7	71.4	52.4
Leq Average 8 hrs. (dB(A))	54.7		
Lmax (dB(A))		71.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียง จากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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S:\Reports_Air Noise.rpt (0:25AM)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383065-1

Page 1 of 1

Sample Number	2563489-34		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Aug 06, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	60.0	74.7	52.7
10:00 AM - 11:00 AM	54.1	70.0	52.5
11:00 AM - 12:00 PM	55.1	76.4	52.8
12:00 PM - 01:00 PM	56.5	79.9	53.4
01:00 PM - 02:00 PM	55.8	73.3	53.5
02:00 PM - 03:00 PM	58.9	77.1	53.8
03:00 PM - 04:00 PM	61.0	78.5	56.9
04:00 PM - 05:00 PM	57.4	70.5	56.8
Leq Average 8 hrs. (dB(A))	58.0		
Lmax (dB(A))		79.9	
Standard (dB(A))	90	140	
Reference Method :	Based on ISO1996-1 and 1996-2		
Standard :	ประกาศกระทรวงอุตสาหกรรม เรื่อง สอดคล้องผลการประเมินผลเสียง ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน พ.ร.บ. ๒๕๖๓		

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383066-1

Page 1 of 1

Sample Number	2563489-35		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Aug 06, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	57.8	73.0	57.2
06:00 PM - 07:00 PM	57.5	70.6	56.9
07:00 PM - 08:00 PM	57.3	70.6	56.8
08:00 PM - 09:00 PM	57.4	70.7	56.9
09:00 PM - 10:00 PM	57.4	70.7	56.9
10:00 PM - 11:00 PM	57.3	70.8	56.8
11:00 PM - 12:00 AM	57.4	70.7	56.9
12:00 AM - 01:00 AM	57.1	70.7	56.6
Leq Average 8 hrs. (dB(A))	57.4		
Lmax (dB(A))		73.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการตรวจวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ในการประกอบกิจการโรงงานที่มีลักษณะคล้ายกันที่กระทำงาน พ.ม.๒๕๖๓			

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383067-1

Page 1 of 1

Sample Number	2563489-36		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Aug 07, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	57.2	70.6	56.7
02:00 AM - 03:00 AM	57.2	70.7	56.7
03:00 AM - 04:00 AM	57.1	70.7	56.7
04:00 AM - 05:00 AM	57.3	70.7	56.8
05:00 AM - 06:00 AM	57.2	70.6	56.5
06:00 AM - 07:00 AM	57.0	70.7	56.4
07:00 AM - 08:00 AM	57.1	70.8	56.4
08:00 AM - 09:00 AM	57.0	70.6	56.2
Leq Average 8 hrs. (dB(A))	57.1		
Lmax (dB(A))		70.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน พ.ร.บ. ๒๕๖๓			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383068-1

Page 1 of 1

Sample Number	2563489-37		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Aug 04, 2025		
Measurement by	Phongsiri Somkaew		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	58.6	84.5	49.1
10:00 AM - 11:00 AM	48.8	68.9	47.0
11:00 AM - 12:00 PM	49.9	68.4	46.9
12:00 PM - 01:00 PM	52.6	75.4	46.9
01:00 PM - 02:00 PM	58.9	77.3	51.2
02:00 PM - 03:00 PM	56.2	73.8	47.3
03:00 PM - 04:00 PM	50.7	71.0	46.9
04:00 PM - 05:00 PM	48.7	66.9	46.9
Leq Average 8 hrs. (dB(A))	54.9		
Lmax (dB(A))		84.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : ประกาศกระทรวงสาธารณสุข เรื่อง มาตรฐานการควบคุมเสียงและสั่น ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน พ.ร.บ. ๒๕๖๓			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383069-1

Page 1 of 1

Sample Number : 2563489-38
Parameter : Noise (Leq 8 hrs.)
Location : Maintenance Shop
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	49.1	66.8	47.2
06:00 PM - 07:00 PM	48.8	64.9	47.5
07:00 PM - 08:00 PM	48.8	63.5	47.6
08:00 PM - 09:00 PM	48.7	64.9	47.5
09:00 PM - 10:00 PM	48.7	64.4	47.7
10:00 PM - 11:00 PM	49.0	63.5	47.9
11:00 PM - 12:00 AM	49.0	61.7	48.0
12:00 AM - 01:00 AM	48.8	51.0	47.9
Leq Average 8 hrs. (dB(A))	48.9		
Lmax (dB(A))		66.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383070-1

Page 1 of 1

Sample Number : 2563489-39
Parameter : Noise (Leq 8 hrs.)
Location : Maintenance Shop
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	48.8	51.7	47.9
02:00 AM - 03:00 AM	49.0	63.3	48.0
03:00 AM - 04:00 AM	48.8	51.9	48.0
04:00 AM - 05:00 AM	49.1	64.3	48.0
05:00 AM - 06:00 AM	50.3	67.7	48.0
06:00 AM - 07:00 AM	52.4	70.9	47.8
07:00 AM - 08:00 AM	56.0	81.1	47.4
08:00 AM - 09:00 AM	53.1	73.0	47.4
Leq Average 8 hrs. (dB(A))	51.7		
Lmax (dB(A))		81.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383071-1

Page 1 of 1

Sample Number : 2563489-40
Parameter : Noise (Leq 8 hrs.)
Location : Maintenance Shop
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	52.8	76.7	47.5
10:00 AM - 11:00 AM	55.4	72.0	49.6
11:00 AM - 12:00 PM	58.5	76.7	55.6
12:00 PM - 01:00 PM	58.2	72.5	55.6
01:00 PM - 02:00 PM	57.8	70.4	56.2
02:00 PM - 03:00 PM	58.0	76.2	53.9
03:00 PM - 04:00 PM	55.5	68.0	54.0
04:00 PM - 05:00 PM	56.3	73.7	54.9
Leq Average 8 hrs. (dB(A))	56.9		
Lmax (dB(A))		76.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการผลิตในทางาน พ.ศ.๒๕๖๖			

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383072-1

Page 1 of 1

Sample Number : 2563489-41
Parameter : Noise (Leq 8 hrs.)
Location : Maintenance Shop
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	54.9	63.8	54.2
06:00 PM - 07:00 PM	55.4	67.3	54.5
07:00 PM - 08:00 PM	54.3	64.1	50.3
08:00 PM - 09:00 PM	50.7	64.0	49.6
09:00 PM - 10:00 PM	50.8	69.8	49.8
10:00 PM - 11:00 PM	50.4	65.8	49.5
11:00 PM - 12:00 AM	50.3	62.9	49.5
12:00 AM - 01:00 AM	50.1	54.6	49.4
Leq Average 8 hrs. (dB(A))	52.7		
Lmax (dB(A))		69.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383073-1

Page 1 of 1

Sample Number : 2563489-42
Parameter : Noise (Leq 8 hrs.)
Location : Maintenance Shop
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	50.5	52.5	49.9
02:00 AM - 03:00 AM	50.7	61.6	49.9
03:00 AM - 04:00 AM	50.8	52.4	50.2
04:00 AM - 05:00 AM	51.4	70.0	50.1
05:00 AM - 06:00 AM	52.6	69.4	49.8
06:00 AM - 07:00 AM	52.4	69.8	50.1
07:00 AM - 08:00 AM	59.5	80.7	50.1
08:00 AM - 09:00 AM	59.3	83.6	56.0

Leq Average 8 hrs. (dB(A))

55.1

Lmax (dB(A))

83.6

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในแหล่งชุมชนตามข้อกำหนดของกรมส่งเสริมการค้าระหว่างประเทศ พ.ศ.2562

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383074-1

Page 1 of 1

Sample Number : 2563489-43
Parameter : Noise (Leq 8 hrs.)
Location : Maintenance Shop
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	58.6	79.3	55.8
10:00 AM - 11:00 AM	56.1	66.8	55.6
11:00 AM - 12:00 PM	57.2	71.7	55.6
12:00 PM - 01:00 PM	64.8	79.8	55.5
01:00 PM - 02:00 PM	53.8	70.8	50.0
02:00 PM - 03:00 PM	51.8	70.3	49.9
03:00 PM - 04:00 PM	55.2	77.2	49.9
04:00 PM - 05:00 PM	49.4	69.2	46.5

Leq Average 8 hrs. (dB(A))

58.4

Lmax (dB(A))

79.8

Standard (dB(A))

90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในแหล่งชุมชนตามข้อกำหนดของกรมส่งเสริมการค้าระหว่างประเทศ พ.ศ.2562

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383075-1

Page 1 of 1

Sample Number : 2563489-44
Parameter : Noise (Leq 8 hrs.)
Location : Maintenance Shop
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	49.0	68.8	46.5
06:00 PM - 07:00 PM	50.0	70.0	46.9
07:00 PM - 08:00 PM	47.6	65.5	45.7
08:00 PM - 09:00 PM	48.5	62.4	46.0
09:00 PM - 10:00 PM	48.0	57.4	45.8
10:00 PM - 11:00 PM	47.4	52.0	45.7
11:00 PM - 12:00 AM	48.0	67.1	45.6
12:00 AM - 01:00 AM	46.7	51.0	44.2

Leq Average 8 hrs. (dB(A))

48.3

Lmax (dB(A))

70.0

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในแหล่งชุมชนตามข้อกำหนดของกรมส่งเสริมการค้าระหว่างประเทศ พ.ศ.2562

Technical Management

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S:\Reports_Air Noise rpt (0.26AM)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383076-1

Page 1 of 1

Sample Number : 2563489-45
Parameter : Noise (Leq 8 hrs.)
Location : Maintenance Shop
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	47.6	52.7	46.3
02:00 AM - 03:00 AM	48.3	63.2	47.0
03:00 AM - 04:00 AM	48.0	63.7	46.7
04:00 AM - 05:00 AM	47.2	51.2	45.5
05:00 AM - 06:00 AM	49.3	71.2	46.0
06:00 AM - 07:00 AM	51.2	69.7	46.6
07:00 AM - 08:00 AM	52.5	75.5	46.6
08:00 AM - 09:00 AM	56.3	69.4	45.6

Leq Average 8 hrs. (dB(A))

51.2

Lmax (dB(A))

75.5

Standard (dB(A))

90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในแหล่งชุมชนตามข้อกำหนดของกรมส่งเสริมการค้าระหว่างประเทศ พ.ศ.2562

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383077-1

Page 1 of 1

Sample Number : 2563489-46
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	73.8	76.9	73.6
10:00 AM - 11:00 AM	74.0	75.3	73.8
11:00 AM - 12:00 PM	74.0	75.3	73.7
12:00 PM - 01:00 PM	74.0	75.6	73.7
01:00 PM - 02:00 PM	65.4	74.9	48.1
02:00 PM - 03:00 PM	48.9	58.0	48.4
03:00 PM - 04:00 PM	49.0	57.4	48.3
04:00 PM - 05:00 PM	49.2	56.4	48.8
Leq Average 8 hrs. (dB(A))	71.1		
Lmax (dB(A))		76.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383078-1

Page 1 of 1

Sample Number : 2563489-47
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	50.1	58.6	49.2
06:00 PM - 07:00 PM	50.7	58.9	49.9
07:00 PM - 08:00 PM	50.5	55.6	49.7
08:00 PM - 09:00 PM	49.7	57.6	48.5
09:00 PM - 10:00 PM	48.3	57.1	44.6
10:00 PM - 11:00 PM	48.4	54.1	45.8
11:00 PM - 12:00 AM	49.3	55.8	48.3
12:00 AM - 01:00 AM	48.7	53.8	45.7
Leq Average 8 hrs. (dB(A))	49.6		
Lmax (dB(A))		58.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383079-1

Page 1 of 1

Sample Number : 2563489-48
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	48.6	53.3	45.1
02:00 AM - 03:00 AM	48.5	55.5	45.0
03:00 AM - 04:00 AM	48.9	55.2	45.6
04:00 AM - 05:00 AM	49.7	61.1	46.1
05:00 AM - 06:00 AM	49.2	61.2	45.5
06:00 AM - 07:00 AM	49.2	65.4	47.7
07:00 AM - 08:00 AM	70.6	75.6	48.1
08:00 AM - 09:00 AM	74.0	75.3	73.8
Leq Average 8 hrs. (dB(A))	66.7		
Lmax (dB(A))		75.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383080-1

Page 1 of 1

Sample Number : 2563489-49
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	74.0	75.3	73.8
10:00 AM - 11:00 AM	73.7	75.1	73.4
11:00 AM - 12:00 PM	73.2	74.6	72.5
12:00 PM - 01:00 PM	73.4	74.4	72.8
01:00 PM - 02:00 PM	73.1	74.4	72.3
02:00 PM - 03:00 PM	74.1	75.3	73.8
03:00 PM - 04:00 PM	74.4	75.3	74.1
04:00 PM - 05:00 PM	74.5	75.6	74.2
Leq Average 8 hrs. (dB(A))	73.8		
Lmax (dB(A))		75.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383081-1

Page 1 of 1

Sample Number : 2563489-50
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	74.4	75.3	74.1
06:00 PM - 07:00 PM	74.4	75.6	74.1
07:00 PM - 08:00 PM	73.4	75.0	72.4
08:00 PM - 09:00 PM	71.6	75.0	49.0
09:00 PM - 10:00 PM	49.9	63.6	47.5
10:00 PM - 11:00 PM	49.4	56.7	47.2
11:00 PM - 12:00 AM	48.9	53.7	46.1
12:00 AM - 01:00 AM	49.0	63.9	46.1
Leq Average 8 hrs. (dB(A))	70.6		
Lmax (dB(A))		75.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงภายในอาคาร ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงภายในอาคาร พ.ร.บ. ๒๕๖๓			

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383082-1

Page 1 of 1

Sample Number : 2563489-51
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	49.0	53.3	45.7
02:00 AM - 03:00 AM	49.7	56.0	46.6
03:00 AM - 04:00 AM	50.0	58.1	47.4
04:00 AM - 05:00 AM	50.2	58.0	47.3
05:00 AM - 06:00 AM	49.3	56.2	46.3
06:00 AM - 07:00 AM	71.5	74.9	52.2
07:00 AM - 08:00 AM	77.8	84.2	73.8
08:00 AM - 09:00 AM	78.5	85.1	73.9
Leq Average 8 hrs. (dB(A))	72.6		
Lmax (dB(A))		85.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงภายในอาคาร ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงภายในอาคาร พ.ร.บ. ๒๕๖๓			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383083-1

Page 1 of 1

Sample Number : 2563489-52
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	74.1	75.4	73.8
10:00 AM - 11:00 AM	74.0	74.9	73.7
11:00 AM - 12:00 PM	73.8	75.1	73.4
12:00 PM - 01:00 PM	73.3	76.4	73.0
01:00 PM - 02:00 PM	73.8	76.6	73.1
02:00 PM - 03:00 PM	74.0	77.2	73.3
03:00 PM - 04:00 PM	67.4	77.0	49.9
04:00 PM - 05:00 PM	51.3	58.7	50.3
Leq Average 8 hrs. (dB(A))	72.8		
Lmax (dB(A))		77.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงภายในอาคาร ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงภายในอาคาร พ.ร.บ. ๒๕๖๓			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383084-1

Page 1 of 1

Sample Number : 2563489-53
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	51.1	63.1	49.6
06:00 PM - 07:00 PM	50.7	64.1	48.7
07:00 PM - 08:00 PM	49.7	65.9	46.6
08:00 PM - 09:00 PM	67.5	77.7	47.0
09:00 PM - 10:00 PM	71.4	80.2	45.9
10:00 PM - 11:00 PM	48.7	54.1	43.4
11:00 PM - 12:00 AM	49.2	56.9	45.4
12:00 AM - 01:00 AM	48.1	55.4	41.6
Leq Average 8 hrs. (dB(A))	64.0		
Lmax (dB(A))		80.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงภายในอาคาร ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงภายในอาคาร พ.ร.บ. ๒๕๖๓			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383085-1

Page 1 of 1

Sample Number : 2563489-54
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	48.1	54.0	43.1
02:00 AM - 03:00 AM	48.5	55.9	44.4
03:00 AM - 04:00 AM	48.0	55.9	42.7
04:00 AM - 05:00 AM	51.1	66.1	43.6
05:00 AM - 06:00 AM	49.0	56.9	44.7
06:00 AM - 07:00 AM	49.1	63.1	45.5
07:00 AM - 08:00 AM	49.5	59.7	46.3
08:00 AM - 09:00 AM	51.5	55.6	50.3

Leq Average 8 hrs. (dB(A))

49.5

Lmax (dB(A))

66.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383086-1

Page 1 of 1

Sample Number : 2563489-55
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	65.3	84.2	61.8
10:00 AM - 11:00 AM	63.8	79.4	61.6
11:00 AM - 12:00 PM	63.7	79.0	61.6
12:00 PM - 01:00 PM	63.5	74.6	61.7
01:00 PM - 02:00 PM	63.4	76.4	61.7
02:00 PM - 03:00 PM	63.2	76.0	61.6
03:00 PM - 04:00 PM	63.2	77.3	61.6
04:00 PM - 05:00 PM	63.7	73.6	62.2

Leq Average 8 hrs. (dB(A))

63.8

Lmax (dB(A))

84.2

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383087-1

Page 1 of 1

Sample Number : 2563489-56
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Aug 04, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	64.4	74.6	63.3
06:00 PM - 07:00 PM	64.6	80.1	63.2
07:00 PM - 08:00 PM	64.0	68.2	63.1
08:00 PM - 09:00 PM	63.6	75.9	62.4
09:00 PM - 10:00 PM	63.3	71.7	62.4
10:00 PM - 11:00 PM	63.5	70.2	62.6
11:00 PM - 12:00 AM	63.6	68.6	62.8
12:00 AM - 01:00 AM	63.4	66.4	62.6

Leq Average 8 hrs. (dB(A))

63.8

Lmax (dB(A))

80.1

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383088-1

Page 1 of 1

Sample Number : 2563489-57
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	63.4	66.0	62.6
02:00 AM - 03:00 AM	63.5	68.6	62.7
03:00 AM - 04:00 AM	63.3	70.4	62.4
04:00 AM - 05:00 AM	63.4	68.4	62.7
05:00 AM - 06:00 AM	63.6	67.6	62.7
06:00 AM - 07:00 AM	63.7	73.6	62.2
07:00 AM - 08:00 AM	63.4	76.4	61.7
08:00 AM - 09:00 AM	63.2	77.3	61.6

Leq Average 8 hrs. (dB(A))

63.4

Lmax (dB(A))

77.3

Standard (dB(A))

90

140

Reference Method : Based on ISO1996-1 and 1996-2

Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383089-1

Page 1 of 1

Sample Number : 2563489-58
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	68.6	83.9	65.1
10:00 AM - 11:00 AM	70.1	86.1	65.2
11:00 AM - 12:00 PM	72.0	88.0	65.0
12:00 PM - 01:00 PM	74.1	91.2	65.0
01:00 PM - 02:00 PM	73.4	93.3	64.8
02:00 PM - 03:00 PM	76.4	92.7	69.2
03:00 PM - 04:00 PM	78.0	90.7	75.5
04:00 PM - 05:00 PM	77.2	86.2	76.0
Leq Average 8 hrs. (dB(A))	74.8		
Lmax (dB(A))		93.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383090-1

Page 1 of 1

Sample Number : 2563489-59
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Aug 05, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.8	83.0	75.6
06:00 PM - 07:00 PM	76.8	85.8	75.8
07:00 PM - 08:00 PM	76.8	79.7	75.8
08:00 PM - 09:00 PM	77.0	79.3	76.0
09:00 PM - 10:00 PM	77.1	81.4	76.1
10:00 PM - 11:00 PM	77.2	80.6	76.1
11:00 PM - 12:00 AM	71.3	81.3	64.8
12:00 AM - 01:00 AM	66.4	80.4	64.5
Leq Average 8 hrs. (dB(A))	76.0		
Lmax (dB(A))		85.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383091-1

Page 1 of 1

Sample Number : 2563489-60
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	65.4	76.5	64.4
02:00 AM - 03:00 AM	65.3	77.0	64.0
03:00 AM - 04:00 AM	64.8	70.7	64.0
04:00 AM - 05:00 AM	64.8	71.7	64.0
05:00 AM - 06:00 AM	64.9	71.0	64.1
06:00 AM - 07:00 AM	65.0	69.9	64.4
07:00 AM - 08:00 AM	65.4	73.6	64.6
08:00 AM - 09:00 AM	65.6	73.5	64.8
Leq Average 8 hrs. (dB(A))	65.2		
Lmax (dB(A))		77.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 08, 2025
Date Reported : Aug 15, 2025
Report Number: 3383092-1

Page 1 of 1

Sample Number : 2563489-61
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkaew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	56.1	66.7	55.5
10:00 AM - 11:00 AM	55.9	67.4	55.6
11:00 AM - 12:00 PM	63.1	83.8	55.7
12:00 PM - 01:00 PM	58.4	82.1	55.9
01:00 PM - 02:00 PM	56.7	69.7	55.8
02:00 PM - 03:00 PM	56.3	63.6	56.0
03:00 PM - 04:00 PM	56.7	70.8	52.6
04:00 PM - 05:00 PM	52.8	65.0	52.3
Leq Average 8 hrs. (dB(A))	58.0		
Lmax (dB(A))		83.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383093-1

Page 1 of 1

Sample Number : 2563489-62
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Aug 06, 2025
Measurement by : Phongsiri Somkuew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	53.2	65.6	52.6
06:00 PM - 07:00 PM	53.7	63.7	52.8
07:00 PM - 08:00 PM	53.3	70.0	52.8
08:00 PM - 09:00 PM	54.5	60.6	53.1
09:00 PM - 10:00 PM	53.7	60.4	53.4
10:00 PM - 11:00 PM	53.6	55.5	53.0
11:00 PM - 12:00 AM	50.9	58.0	44.8
12:00 AM - 01:00 AM	46.6	50.6	43.8
Leq Average 8 hrs. (dB(A))	52.9		
Lmax (dB(A))		70.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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Analysis / Test Report

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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563489
Date Received : Aug 06, 2025
Date Reported : Aug 15, 2025
Report Number: 3383094-1

Page 1 of 1

Sample Number : 2563489-63
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Aug 07, 2025
Measurement by : Phongsiri Somkuew

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	48.4	52.5	45.1
02:00 AM - 03:00 AM	48.8	58.3	44.8
03:00 AM - 04:00 AM	45.7	60.7	43.5
04:00 AM - 05:00 AM	45.5	63.1	43.7
05:00 AM - 06:00 AM	46.6	68.1	44.0
06:00 AM - 07:00 AM	48.3	67.6	44.2
07:00 AM - 08:00 AM	48.0	64.2	43.8
08:00 AM - 09:00 AM	47.6	66.8	43.6
Leq Average 8 hrs. (dB(A))	47.5		
Lmax (dB(A))		68.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454657-1

Page 1 of 1

Sample Number : 2598620-1
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	50.6	78.2	37.2
10:00 AM - 11:00 AM	49.8	72.4	41.4
11:00 AM - 12:00 PM	45.7	69.7	37.2
12:00 PM - 01:00 PM	50.5	76.1	37.1
01:00 PM - 02:00 PM	50.2	63.8	37.8
02:00 PM - 03:00 PM	59.1	79.5	51.1
03:00 PM - 04:00 PM	56.5	79.2	51.1
04:00 PM - 05:00 PM	49.9	72.5	41.5
Leq Average 8 hrs. (dB(A))	53.6		
Lmax (dB(A))		79.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454658-1

Page 1 of 1

Sample Number : 2598620-2
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	45.7	71.7	40.6
06:00 PM - 07:00 PM	43.6	64.4	41.3
07:00 PM - 08:00 PM	45.1	67.7	42.7
08:00 PM - 09:00 PM	43.0	54.8	42.3
09:00 PM - 10:00 PM	43.8	53.0	42.7
10:00 PM - 11:00 PM	43.4	54.8	42.5
11:00 PM - 12:00 AM	43.0	58.8	41.3
12:00 AM - 01:00 AM	42.5	59.7	40.9
Leq Average 8 hrs. (dB(A))	43.9		
Lmax (dB(A))		71.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454659-1

Page 1 of 1

Sample Number	2598620-3		
Parameter	Noise (Leq 8 hrs.)		
Location	Cooling Towers Area Block1		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	42.1	52.7	40.5
02:00 AM - 03:00 AM	41.7	51.5	39.9
03:00 AM - 04:00 AM	41.9	51.8	41.3
04:00 AM - 05:00 AM	42.4	57.8	39.9
05:00 AM - 06:00 AM	41.8	51.2	40.8
06:00 AM - 07:00 AM	42.2	55.5	39.2
07:00 AM - 08:00 AM	45.0	65.0	39.2
08:00 AM - 09:00 AM	39.9	61.7	37.7
Leq Average 8 hrs. (dB(A))	42.3		
Lmax (dB(A))		65.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454660-1

Page 1 of 1

Sample Number	2598620-4		
Parameter	Noise (Leq 8 hrs.)		
Location	Cooling Towers Area Block1		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	50.6	69.1	37.7
10:00 AM - 11:00 AM	49.9	73.1	37.7
11:00 AM - 12:00 PM	47.7	70.5	37.2
12:00 PM - 01:00 PM	41.0	60.3	37.2
01:00 PM - 02:00 PM	39.9	57.4	37.2
02:00 PM - 03:00 PM	45.7	57.0	37.9
03:00 PM - 04:00 PM	44.7	64.2	37.3
04:00 PM - 05:00 PM	44.3	64.2	37.2
Leq Average 8 hrs. (dB(A))	46.9		
Lmax (dB(A))		73.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454661-1

Page 1 of 1

Sample Number	2598620-5		
Parameter	Noise (Leq 8 hrs.)		
Location	Cooling Towers Area Block1		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	52.6	65.7	50.1
06:00 PM - 07:00 PM	52.1	61.9	51.3
07:00 PM - 08:00 PM	50.7	58.2	47.6
08:00 PM - 09:00 PM	49.0	62.7	47.9
09:00 PM - 10:00 PM	48.6	50.6	47.8
10:00 PM - 11:00 PM	47.8	53.6	46.3
11:00 PM - 12:00 AM	47.6	65.1	46.2
12:00 AM - 01:00 AM	47.1	58.3	46.2
Leq Average 8 hrs. (dB(A))	49.9		
Lmax (dB(A))		65.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454662-1

Page 1 of 1

Sample Number	2598620-6		
Parameter	Noise (Leq 8 hrs.)		
Location	Cooling Towers Area Block1		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	48.4	52.2	47.9
02:00 AM - 03:00 AM	51.0	54.6	46.4
03:00 AM - 04:00 AM	51.2	54.1	49.0
04:00 AM - 05:00 AM	49.1	54.0	45.8
05:00 AM - 06:00 AM	46.3	53.1	45.2
06:00 AM - 07:00 AM	46.6	64.5	45.2
07:00 AM - 08:00 AM	47.4	65.4	45.0
08:00 AM - 09:00 AM	52.0	64.1	48.8
Leq Average 8 hrs. (dB(A))	49.5		
Lmax (dB(A))		65.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454663-1

Page 1 of 1

Sample Number : 2598620-7
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	52.6	70.8	48.7
10:00 AM - 11:00 AM	67.0	75.9	53.2
11:00 AM - 12:00 PM	52.6	58.9	50.7
12:00 PM - 01:00 PM	52.6	62.8	51.2
01:00 PM - 02:00 PM	53.2	63.5	52.2
02:00 PM - 03:00 PM	53.2	61.2	52.2
03:00 PM - 04:00 PM	53.0	61.3	52.2
04:00 PM - 05:00 PM	54.7	60.2	53.4
Leq Average 8 hrs. (dB(A))	59.1		
Lmax (dB(A))		75.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454664-1

Page 1 of 1

Sample Number : 2598620-8
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	53.6	61.9	52.5
06:00 PM - 07:00 PM	50.8	66.8	45.8
07:00 PM - 08:00 PM	47.2	64.1	45.8
08:00 PM - 09:00 PM	46.5	56.8	45.9
09:00 PM - 10:00 PM	49.3	64.2	44.9
10:00 PM - 11:00 PM	51.3	61.7	49.9
11:00 PM - 12:00 AM	50.6	57.7	49.0
12:00 AM - 01:00 AM	48.9	58.6	44.1
Leq Average 8 hrs. (dB(A))	50.3		
Lmax (dB(A))		66.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454665-1

Page 1 of 1

Sample Number : 2598620-9
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block1
Measurement Date : Nov 13, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	54.4	68.1	42.3
02:00 AM - 03:00 AM	59.1	61.6	56.2
03:00 AM - 04:00 AM	56.8	60.7	41.8
04:00 AM - 05:00 AM	42.9	60.4	41.0
05:00 AM - 06:00 AM	41.6	52.0	40.5
06:00 AM - 07:00 AM	42.7	56.2	40.9
07:00 AM - 08:00 AM	51.8	67.6	41.4
08:00 AM - 09:00 AM	49.7	60.9	44.5
Leq Average 8 hrs. (dB(A))	53.7		
Lmax (dB(A))		68.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454666-1

Page 1 of 1

Sample Number : 2598620-10
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	46.8	51.0	46.4
10:00 AM - 11:00 AM	49.6	79.4	44.6
11:00 AM - 12:00 PM	54.1	77.9	44.2
12:00 PM - 01:00 PM	45.2	55.5	44.4
01:00 PM - 02:00 PM	57.3	81.1	44.6
02:00 PM - 03:00 PM	53.3	71.9	47.2
03:00 PM - 04:00 PM	54.3	78.8	46.7
04:00 PM - 05:00 PM	46.8	60.1	45.9
Leq Average 8 hrs. (dB(A))	52.7		
Lmax (dB(A))		81.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454669-1

Page 1 of 1

Sample Number : 2598620-11
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	46.9	56.9	46.0
06:00 PM - 07:00 PM	47.6	66.2	46.4
07:00 PM - 08:00 PM	46.8	51.0	46.4
08:00 PM - 09:00 PM	46.9	53.0	46.3
09:00 PM - 10:00 PM	46.6	53.6	46.0
10:00 PM - 11:00 PM	46.2	53.6	45.6
11:00 PM - 12:00 AM	46.0	53.8	45.4
12:00 AM - 01:00 AM	46.1	51.2	45.4

Leq Average 8 hrs. (dB(A)) : 46.7
Lmax (dB(A)) : 66.2
Standard (dB(A)) : 90
Reference Method : Based on ISO1996-1 and 1996-2
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐาน ม.ร.บ. ๒๕๖๒

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454668-1

Page 1 of 1

Sample Number : 2598620-12
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	46.4	59.5	45.6
02:00 AM - 03:00 AM	45.7	48.4	45.3
03:00 AM - 04:00 AM	46.1	56.3	45.4
04:00 AM - 05:00 AM	46.1	48.8	45.5
05:00 AM - 06:00 AM	46.4	58.8	45.8
06:00 AM - 07:00 AM	46.2	52.2	45.5
07:00 AM - 08:00 AM	45.6	52.5	44.9
08:00 AM - 09:00 AM	45.4	55.2	44.4

Leq Average 8 hrs. (dB(A)) : 46.0
Lmax (dB(A)) : 59.5
Standard (dB(A)) : 90
Reference Method : Based on ISO1996-1 and 1996-2
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐาน ม.ร.บ. ๒๕๖๒

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454669-1

Page 1 of 1

Sample Number : 2598620-13
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	49.6	80.3	44.2
10:00 AM - 11:00 AM	45.5	61.9	44.2
11:00 AM - 12:00 PM	48.8	68.6	44.2
12:00 PM - 01:00 PM	44.8	51.3	44.0
01:00 PM - 02:00 PM	49.5	71.5	44.2
02:00 PM - 03:00 PM	54.2	80.8	44.4
03:00 PM - 04:00 PM	44.9	51.6	44.2
04:00 PM - 05:00 PM	45.7	56.0	44.8

Leq Average 8 hrs. (dB(A)) : 49.1
Lmax (dB(A)) : 80.8
Standard (dB(A)) : 90
Reference Method : Based on ISO1996-1 and 1996-2
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐาน ม.ร.บ. ๒๕๖๒

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454670-1

Page 1 of 1

Sample Number : 2598620-14
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	64.5	73.0	45.5
06:00 PM - 07:00 PM	78.6	84.4	67.8
07:00 PM - 08:00 PM	79.1	82.6	68.5
08:00 PM - 09:00 PM	82.4	85.0	81.1
09:00 PM - 10:00 PM	82.0	85.3	70.1
10:00 PM - 11:00 PM	79.7	85.5	70.2
11:00 PM - 12:00 AM	69.7	71.9	68.9
12:00 AM - 01:00 AM	69.6	71.7	68.9

Leq Average 8 hrs. (dB(A)) : 78.8
Lmax (dB(A)) : 85.5
Standard (dB(A)) : 90
Reference Method : Based on ISO1996-1 and 1996-2
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐาน ม.ร.บ. ๒๕๖๒

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454671-1

Page 1 of 1

Sample Number : 2598620-15
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	69.4	71.7	68.7
02:00 AM - 03:00 AM	69.5	71.7	68.7
03:00 AM - 04:00 AM	69.5	71.6	68.7
04:00 AM - 05:00 AM	69.8	72.3	68.9
05:00 AM - 06:00 AM	69.6	71.5	68.8
06:00 AM - 07:00 AM	69.1	71.3	68.5
07:00 AM - 08:00 AM	68.9	71.1	68.2
08:00 AM - 09:00 AM	68.9	71.0	68.3
Leq Average 8 hrs. (dB(A))	69.3		
Lmax (dB(A))		72.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454672-1

Page 1 of 1

Sample Number : 2598620-16
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	69.1	71.3	68.6
10:00 AM - 11:00 AM	69.2	71.7	68.6
11:00 AM - 12:00 PM	69.4	73.0	68.7
12:00 PM - 01:00 PM	69.2	72.2	68.6
01:00 PM - 02:00 PM	69.1	71.7	68.4
02:00 PM - 03:00 PM	69.7	72.7	68.6
03:00 PM - 04:00 PM	68.9	71.7	68.2
04:00 PM - 05:00 PM	68.4	69.9	68.0
Leq Average 8 hrs. (dB(A))	69.1		
Lmax (dB(A))		73.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454673-1

Page 1 of 1

Sample Number : 2598620-17
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	68.3	69.9	67.9
06:00 PM - 07:00 PM	68.1	69.2	67.8
07:00 PM - 08:00 PM	68.2	69.7	67.8
08:00 PM - 09:00 PM	67.8	71.5	66.3
09:00 PM - 10:00 PM	66.2	73.7	64.6
10:00 PM - 11:00 PM	64.6	71.7	64.5
11:00 PM - 12:00 AM	64.5	65.4	64.4
12:00 AM - 01:00 AM	64.6	70.5	64.4
Leq Average 8 hrs. (dB(A))	66.8		
Lmax (dB(A))		73.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454674-1

Page 1 of 1

Sample Number : 2598620-18
Parameter : Noise (Leq 8 hrs.)
Location : Cooling Towers Area Block2
Measurement Date : Nov 13, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	64.5	70.9	64.4
02:00 AM - 03:00 AM	64.5	64.9	64.4
03:00 AM - 04:00 AM	64.5	64.9	64.4
04:00 AM - 05:00 AM	64.5	64.9	64.4
05:00 AM - 06:00 AM	64.5	65.1	64.4
06:00 AM - 07:00 AM	64.6	65.7	64.4
07:00 AM - 08:00 AM	65.3	68.2	64.8
08:00 AM - 09:00 AM	65.5	68.2	60.7
Leq Average 8 hrs. (dB(A))	64.8		
Lmax (dB(A))		70.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454675-1

Page 1 of 1

Sample Number	2598620-19		
Parameter	Noise (Leq 8 hrs.)		
Location	Gas Compressor Area (Common)		
Measurement Date	Nov 10, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	57.0	67.3	53.0
10:00 AM - 11:00 AM	57.2	78.0	51.5
11:00 AM - 12:00 PM	55.5	66.5	50.9
12:00 PM - 01:00 PM	55.9	66.6	51.5
01:00 PM - 02:00 PM	63.5	67.8	51.5
02:00 PM - 03:00 PM	60.1	79.6	54.1
03:00 PM - 04:00 PM	58.6	75.0	53.8
04:00 PM - 05:00 PM	57.3	67.5	53.3
Leq Average 8 hrs. (dB(A))	59.0		
Lmax (dB(A))		87.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454676-1

Page 1 of 1

Sample Number	2598620-20		
Parameter	Noise (Leq 8 hrs.)		
Location	Gas Compressor Area (Common)		
Measurement Date	Nov 10, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	57.2	67.6	53.2
06:00 PM - 07:00 PM	57.2	67.6	53.3
07:00 PM - 08:00 PM	57.1	67.4	53.2
08:00 PM - 09:00 PM	57.0	67.4	53.0
09:00 PM - 10:00 PM	57.0	67.3	53.0
10:00 PM - 11:00 PM	56.9	67.4	52.9
11:00 PM - 12:00 AM	57.0	67.3	52.9
12:00 AM - 01:00 AM	57.0	67.2	52.9
Leq Average 8 hrs. (dB(A))	57.1		
Lmax (dB(A))		67.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454677-1

Page 1 of 1

Sample Number	2598620-21		
Parameter	Noise (Leq 8 hrs.)		
Location	Gas Compressor Area (Common)		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	57.1	67.5	53.0
02:00 AM - 03:00 AM	56.9	67.5	52.8
03:00 AM - 04:00 AM	56.9	67.4	52.8
04:00 AM - 05:00 AM	57.0	67.5	52.9
05:00 AM - 06:00 AM	57.0	67.6	52.9
06:00 AM - 07:00 AM	57.5	78.6	52.9
07:00 AM - 08:00 AM	57.4	67.9	52.9
08:00 AM - 09:00 AM	57.2	68.0	52.5
Leq Average 8 hrs. (dB(A))	57.1		
Lmax (dB(A))		78.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454678-1

Page 1 of 1

Sample Number	2598620-22		
Parameter	Noise (Leq 8 hrs.)		
Location	Gas Compressor Area (Common)		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	57.2	74.1	51.8
10:00 AM - 11:00 AM	56.3	67.3	51.2
11:00 AM - 12:00 PM	56.1	67.3	51.1
12:00 PM - 01:00 PM	56.2	67.3	51.0
01:00 PM - 02:00 PM	56.2	67.2	51.0
02:00 PM - 03:00 PM	56.0	67.4	50.8
03:00 PM - 04:00 PM	56.5	67.7	51.5
04:00 PM - 05:00 PM	56.9	67.6	51.9
Leq Average 8 hrs. (dB(A))	56.4		
Lmax (dB(A))		74.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454679-1

Page 1 of 1

Sample Number : 2598620-23
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	61.3	68.8	52.4
06:00 PM - 07:00 PM	63.4	70.1	61.3
07:00 PM - 08:00 PM	64.0	69.3	62.7
08:00 PM - 09:00 PM	64.2	69.3	63.4
09:00 PM - 10:00 PM	64.1	69.2	63.2
10:00 PM - 11:00 PM	64.2	69.4	63.3
11:00 PM - 12:00 AM	63.9	69.2	63.0
12:00 AM - 01:00 AM	64.0	69.2	63.1
Leq Average 8 hrs. (dB(A))	63.7		
Lmax (dB(A))		70.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454680-1

Page 1 of 1

Sample Number : 2598620-24
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	64.1	69.2	63.2
02:00 AM - 03:00 AM	64.2	69.3	63.2
03:00 AM - 04:00 AM	64.1	69.3	63.3
04:00 AM - 05:00 AM	64.2	69.3	63.2
05:00 AM - 06:00 AM	64.1	69.3	63.2
06:00 AM - 07:00 AM	64.1	69.3	63.2
07:00 AM - 08:00 AM	63.8	69.0	62.9
08:00 AM - 09:00 AM	63.7	69.4	62.7
Leq Average 8 hrs. (dB(A))	64.0		
Lmax (dB(A))		69.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454681-1

Page 1 of 1

Sample Number : 2598620-25
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	63.8	69.4	62.9
10:00 AM - 11:00 AM	63.2	68.7	62.3
11:00 AM - 12:00 PM	62.9	68.3	62.0
12:00 PM - 01:00 PM	63.1	68.6	62.1
01:00 PM - 02:00 PM	62.9	68.5	62.0
02:00 PM - 03:00 PM	63.2	69.0	62.2
03:00 PM - 04:00 PM	62.7	68.7	61.7
04:00 PM - 05:00 PM	62.8	68.7	61.7
Leq Average 8 hrs. (dB(A))	63.1		
Lmax (dB(A))		69.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454682-1

Page 1 of 1

Sample Number : 2598620-26
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	63.0	68.9	62.0
06:00 PM - 07:00 PM	63.2	69.1	62.2
07:00 PM - 08:00 PM	63.2	69.0	62.2
08:00 PM - 09:00 PM	62.3	69.2	59.2
09:00 PM - 10:00 PM	59.1	72.8	56.4
10:00 PM - 11:00 PM	59.0	68.3	56.5
11:00 PM - 12:00 AM	58.9	68.3	56.4
12:00 AM - 01:00 AM	59.2	68.7	56.6
Leq Average 8 hrs. (dB(A))	61.4		
Lmax (dB(A))		72.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในราชอาณาจักร พ.ศ.2562			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3456683-1

Page 1 of 1

Sample Number : 2598620-27
Parameter : Noise (Leq 8 hrs.)
Location : Gas Compressor Area (Common)
Measurement Date : Nov 13, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	59.1	68.3	56.6
02:00 AM - 03:00 AM	59.2	68.1	56.8
03:00 AM - 04:00 AM	59.0	68.3	56.6
04:00 AM - 05:00 AM	59.0	68.1	56.5
05:00 AM - 06:00 AM	59.0	68.2	56.5
06:00 AM - 07:00 AM	60.0	69.3	56.6
07:00 AM - 08:00 AM	59.4	68.9	57.1
08:00 AM - 09:00 AM	59.7	64.6	53.3
Leq Average 8 hrs. (dB(A))	59.3		
Lmax (dB(A))		84.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3456684-1

Page 1 of 1

Sample Number : 2598620-28
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block1
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	55.2	60.9	54.7
10:00 AM - 11:00 AM	56.3	66.8	49.2
11:00 AM - 12:00 PM	53.1	78.8	49.1
12:00 PM - 01:00 PM	58.6	61.4	49.3
01:00 PM - 02:00 PM	65.6	75.3	60.3
02:00 PM - 03:00 PM	66.3	79.2	62.9
03:00 PM - 04:00 PM	61.4	76.5	55.8
04:00 PM - 05:00 PM	53.7	58.1	52.2
Leq Average 8 hrs. (dB(A))	61.5		
Lmax (dB(A))		86.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3456685-1

Page 1 of 1

Sample Number : 2598620-29
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block1
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	51.9	56.9	50.6
06:00 PM - 07:00 PM	51.5	59.0	50.5
07:00 PM - 08:00 PM	53.3	60.9	51.5
08:00 PM - 09:00 PM	54.4	64.1	53.3
09:00 PM - 10:00 PM	55.2	60.9	54.7
10:00 PM - 11:00 PM	53.3	60.3	50.8
11:00 PM - 12:00 AM	51.8	56.7	51.0
12:00 AM - 01:00 AM	51.5	59.1	50.9
Leq Average 8 hrs. (dB(A))	53.1		
Lmax (dB(A))		64.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3456686-1

Page 1 of 1

Sample Number : 2598620-30
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block1
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	51.6	58.8	50.9
02:00 AM - 03:00 AM	51.0	58.7	50.1
03:00 AM - 04:00 AM	50.8	56.4	50.1
04:00 AM - 05:00 AM	52.9	69.9	50.3
05:00 AM - 06:00 AM	50.6	58.8	49.9
06:00 AM - 07:00 AM	52.3	72.1	49.5
07:00 AM - 08:00 AM	50.0	61.9	49.3
08:00 AM - 09:00 AM	51.2	62.8	49.4
Leq Average 8 hrs. (dB(A))	51.4		
Lmax (dB(A))		72.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454687-1

Page 1 of 1

Sample Number	2598620-31		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	52.2	66.7	49.5
10:00 AM - 11:00 AM	51.2	60.0	49.4
11:00 AM - 12:00 PM	50.4	55.0	49.1
12:00 PM - 01:00 PM	50.3	54.0	49.0
01:00 PM - 02:00 PM	50.5	58.2	49.0
02:00 PM - 03:00 PM	52.4	61.7	49.2
03:00 PM - 04:00 PM	50.3	55.3	48.9
04:00 PM - 05:00 PM	60.5	71.7	60.2
Leq Average 8 hrs. (dB(A))	54.0	71.7	
Lmax (dB(A))		140	
Standard (dB(A))	90		
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ตามข้อกำหนดของกรมอนามัยและกรมสิ่งแวดล้อมในประเทศไทย พ.ศ.2562			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454688-1

Page 1 of 1

Sample Number	2598620-32		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	60.5	67.2	60.3
06:00 PM - 07:00 PM	58.4	61.4	50.7
07:00 PM - 08:00 PM	53.1	55.1	51.7
08:00 PM - 09:00 PM	53.7	56.6	51.3
09:00 PM - 10:00 PM	55.4	57.4	54.4
10:00 PM - 11:00 PM	56.7	59.2	55.4
11:00 PM - 12:00 AM	56.2	58.6	52.1
12:00 AM - 01:00 AM	54.1	56.7	52.8
Leq Average 8 hrs. (dB(A))	56.7	67.2	
Lmax (dB(A))		140	
Standard (dB(A))	90		
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ตามข้อกำหนดของกรมอนามัยและกรมสิ่งแวดล้อมในประเทศไทย พ.ศ.2562			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454689-1

Page 1 of 1

Sample Number	2598620-33		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	54.3	57.2	52.5
02:00 AM - 03:00 AM	52.7	58.7	50.7
03:00 AM - 04:00 AM	53.5	56.1	51.6
04:00 AM - 05:00 AM	50.9	55.1	49.9
05:00 AM - 06:00 AM	50.0	55.0	49.4
06:00 AM - 07:00 AM	49.8	55.6	49.1
07:00 AM - 08:00 AM	49.9	55.9	49.2
08:00 AM - 09:00 AM	54.8	72.7	50.0
Leq Average 8 hrs. (dB(A))	52.4	72.7	
Lmax (dB(A))		140	
Standard (dB(A))	90		
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ตามข้อกำหนดของกรมอนามัยและกรมสิ่งแวดล้อมในประเทศไทย พ.ศ.2562			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454690-1

Page 1 of 1

Sample Number	2598620-34		
Parameter	Noise (Leq 8 hrs.)		
Location	Boiler Feed Pump Area Block1		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	50.5	57.7	49.3
10:00 AM - 11:00 AM	50.4	57.7	49.1
11:00 AM - 12:00 PM	50.3	59.0	49.0
12:00 PM - 01:00 PM	52.6	61.5	49.0
01:00 PM - 02:00 PM	51.2	61.5	49.0
02:00 PM - 03:00 PM	52.5	69.2	49.4
03:00 PM - 04:00 PM	58.7	64.3	52.4
04:00 PM - 05:00 PM	60.4	62.1	60.2
Leq Average 8 hrs. (dB(A))	55.2	81.5	
Lmax (dB(A))		140	
Standard (dB(A))	90		
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ตามข้อกำหนดของกรมอนามัยและกรมสิ่งแวดล้อมในประเทศไทย พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454691-1

Page 1 of 1

Sample Number : 2598620-35
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block1
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	60.3	62.9	58.4
06:00 PM - 07:00 PM	58.8	61.2	58.0
07:00 PM - 08:00 PM	56.4	60.8	52.2
08:00 PM - 09:00 PM	58.1	60.7	53.4
09:00 PM - 10:00 PM	56.2	59.0	53.9
10:00 PM - 11:00 PM	55.3	58.8	52.5
11:00 PM - 12:00 AM	53.0	56.1	51.5
12:00 AM - 01:00 AM	52.2	68.8	50.4
Leq Average 8 hrs. (dB(A))	57.0		
Lmax (dB(A))		68.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454692-1

Page 1 of 1

Sample Number : 2598620-36
Parameter : Noise (Leq 8 hrs.)
Location : Boiler Feed Pump Area Block1
Measurement Date : Nov 13, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	54.2	58.1	51.1
02:00 AM - 03:00 AM	54.1	57.8	51.3
03:00 AM - 04:00 AM	53.1	67.2	49.0
04:00 AM - 05:00 AM	49.4	54.9	48.7
05:00 AM - 06:00 AM	49.3	55.5	48.6
06:00 AM - 07:00 AM	62.2	67.9	48.6
07:00 AM - 08:00 AM	58.8	64.7	54.0
08:00 AM - 09:00 AM	53.0	62.6	51.6
Leq Average 8 hrs. (dB(A))	56.4		
Lmax (dB(A))		67.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454702-1

Page 1 of 1

Sample Number : 2598620-46
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	73.8	75.3	73.2
10:00 AM - 11:00 AM	74.1	83.2	73.4
11:00 AM - 12:00 PM	73.8	76.7	73.4
12:00 PM - 01:00 PM	73.9	74.8	73.7
01:00 PM - 02:00 PM	74.0	77.0	73.8
02:00 PM - 03:00 PM	73.9	74.7	73.4
03:00 PM - 04:00 PM	73.7	74.8	73.0
04:00 PM - 05:00 PM	73.4	74.7	73.1
Leq Average 8 hrs. (dB(A))	73.8		
Lmax (dB(A))		83.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454703-1

Page 1 of 1

Sample Number : 2598620-47
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	73.5	74.7	73.2
06:00 PM - 07:00 PM	73.8	75.3	73.2
07:00 PM - 08:00 PM	73.8	75.1	73.2
08:00 PM - 09:00 PM	74.2	75.5	73.5
09:00 PM - 10:00 PM	74.0	75.3	73.4
10:00 PM - 11:00 PM	74.2	75.4	73.5
11:00 PM - 12:00 AM	74.4	75.6	73.5
12:00 AM - 01:00 AM	74.5	75.5	73.7
Leq Average 8 hrs. (dB(A))	74.1		
Lmax (dB(A))		75.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2 Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประกอบกิจการโรงงานที่มีผลกระทบต่อสิ่งแวดล้อมในท้องถิ่น พ.ศ.2562			

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454704-1

Page 1 of 1

Sample Number : 2598620-48
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	74.7	75.5	73.9
02:00 AM - 03:00 AM	74.8	75.7	74.2
03:00 AM - 04:00 AM	74.8	75.7	74.2
04:00 AM - 05:00 AM	74.9	75.7	74.5
05:00 AM - 06:00 AM	74.9	75.6	74.7
06:00 AM - 07:00 AM	74.8	77.5	74.3
07:00 AM - 08:00 AM	74.1	75.3	73.6
08:00 AM - 09:00 AM	73.6	81.7	73.3
Leq Average 8 hrs. (dB(A))	74.6		
Lmax (dB(A))		81.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบค่าการวัดเสียงตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454705-1

Page 1 of 1

Sample Number : 2598620-49
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	73.9	74.4	73.6
10:00 AM - 11:00 AM	73.6	74.4	73.3
11:00 AM - 12:00 PM	73.7	74.4	73.3
12:00 PM - 01:00 PM	73.8	74.8	73.4
01:00 PM - 02:00 PM	73.9	74.6	73.4
02:00 PM - 03:00 PM	74.0	80.9	73.5
03:00 PM - 04:00 PM	73.9	74.6	73.7
04:00 PM - 05:00 PM	73.8	74.7	73.4
Leq Average 8 hrs. (dB(A))	73.8		
Lmax (dB(A))		80.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบค่าการวัดเสียงตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454706-1

Page 1 of 1

Sample Number : 2598620-50
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	73.9	74.6	73.5
06:00 PM - 07:00 PM	73.5	74.1	73.4
07:00 PM - 08:00 PM	73.6	74.4	73.2
08:00 PM - 09:00 PM	73.7	74.6	73.2
09:00 PM - 10:00 PM	73.5	74.6	73.2
10:00 PM - 11:00 PM	73.8	74.5	73.4
11:00 PM - 12:00 AM	73.9	74.6	73.7
12:00 AM - 01:00 AM	73.8	74.7	73.4
Leq Average 8 hrs. (dB(A))	73.7		
Lmax (dB(A))		74.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบค่าการวัดเสียงตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454707-1

Page 1 of 1

Sample Number : 2598620-51
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	73.6	74.7	73.1
02:00 AM - 03:00 AM	73.3	74.0	73.0
03:00 AM - 04:00 AM	73.3	74.2	73.1
04:00 AM - 05:00 AM	73.6	75.1	73.1
05:00 AM - 06:00 AM	74.3	75.5	73.2
06:00 AM - 07:00 AM	74.0	75.5	73.2
07:00 AM - 08:00 AM	73.7	74.5	73.4
08:00 AM - 09:00 AM	74.0	75.6	73.8
Leq Average 8 hrs. (dB(A))	73.7		
Lmax (dB(A))		75.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร ในการตรวจสอบค่าการวัดเสียงตามมาตรฐานของกรมควบคุมมลพิษ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454708-1

Page 1 of 1

Sample Number : 2598620-52
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	73.7	75.1	73.2
10:00 AM - 11:00 AM	73.6	74.5	73.2
11:00 AM - 12:00 PM	73.8	74.6	73.5
12:00 PM - 01:00 PM	73.9	74.8	73.5
01:00 PM - 02:00 PM	73.8	74.6	73.5
02:00 PM - 03:00 PM	74.1	74.8	73.8
03:00 PM - 04:00 PM	74.2	74.8	74.0
04:00 PM - 05:00 PM	74.0	74.6	73.8
Leq Average 8 hrs. (dB(A))	73.9		
Lmax (dB(A))		75.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานอุตสาหกรรมและแหล่งกำเนิดเสียงอื่น ๆ ในพื้นที่			

Technical Management

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454709-1

Page 1 of 1

Sample Number : 2598620-53
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	73.6	74.5	73.2
06:00 PM - 07:00 PM	73.6	74.1	73.4
07:00 PM - 08:00 PM	73.5	74.7	73.3
08:00 PM - 09:00 PM	73.6	74.7	73.2
09:00 PM - 10:00 PM	73.5	74.6	73.1
10:00 PM - 11:00 PM	73.8	74.7	73.1
11:00 PM - 12:00 AM	73.7	75.6	73.2
12:00 AM - 01:00 AM	73.9	74.4	73.6
Leq Average 8 hrs. (dB(A))	73.7		
Lmax (dB(A))		75.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานอุตสาหกรรมและแหล่งกำเนิดเสียงอื่น ๆ ในพื้นที่			

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S:\Reports_Air Noise.rpt (7:11PM)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454710-1

Page 1 of 1

Sample Number : 2598620-54
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block1
Measurement Date : Nov 13, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	73.7	74.5	73.3
02:00 AM - 03:00 AM	73.6	74.5	73.2
03:00 AM - 04:00 AM	73.6	74.4	73.2
04:00 AM - 05:00 AM	73.6	74.4	73.2
05:00 AM - 06:00 AM	73.5	74.5	73.2
06:00 AM - 07:00 AM	73.5	74.4	73.2
07:00 AM - 08:00 AM	73.9	75.0	73.4
08:00 AM - 09:00 AM	73.9	81.0	73.5
Leq Average 8 hrs. (dB(A))	73.7		
Lmax (dB(A))		81.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานอุตสาหกรรมและแหล่งกำเนิดเสียงอื่น ๆ ในพื้นที่			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454711-1

Page 1 of 1

Sample Number : 2598620-55
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.4	76.8	76.3
10:00 AM - 11:00 AM	76.4	82.2	76.2
11:00 AM - 12:00 PM	76.3	79.6	76.1
12:00 PM - 01:00 PM	76.2	76.7	76.1
01:00 PM - 02:00 PM	76.2	77.5	76.0
02:00 PM - 03:00 PM	76.3	76.8	76.2
03:00 PM - 04:00 PM	76.3	76.7	76.2
04:00 PM - 05:00 PM	76.3	76.7	76.2
Leq Average 8 hrs. (dB(A))	76.3		
Lmax (dB(A))		82.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานอุตสาหกรรมและแหล่งกำเนิดเสียงอื่น ๆ ในพื้นที่			

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Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454712-1

Page 1 of 1

Sample Number : 2598620-56
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.3	76.7	76.2
06:00 PM - 07:00 PM	76.3	76.7	76.2
07:00 PM - 08:00 PM	76.3	76.8	76.2
08:00 PM - 09:00 PM	76.3	76.7	76.2
09:00 PM - 10:00 PM	76.3	76.7	76.2
10:00 PM - 11:00 PM	76.3	76.7	76.3
11:00 PM - 12:00 AM	76.4	76.8	76.3
12:00 AM - 01:00 AM	76.3	76.8	76.3

Leq Average 8 hrs. (dB(A)) : 76.3

Lmax (dB(A)) : 76.8

Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454713-1

Page 1 of 1

Sample Number : 2598620-57
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	76.3	76.7	76.2
02:00 AM - 03:00 AM	76.3	76.8	76.2
03:00 AM - 04:00 AM	76.3	76.8	76.3
04:00 AM - 05:00 AM	76.4	76.8	76.3
05:00 AM - 06:00 AM	76.4	76.8	76.3
06:00 AM - 07:00 AM	76.4	76.8	76.3
07:00 AM - 08:00 AM	76.4	76.8	76.3
08:00 AM - 09:00 AM	76.4	76.8	76.3

Leq Average 8 hrs. (dB(A)) : 76.4

Lmax (dB(A)) : 76.8

Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454714-1

Page 1 of 1

Sample Number : 2598620-58
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.4	76.8	76.3
10:00 AM - 11:00 AM	76.3	76.7	76.2
11:00 AM - 12:00 PM	76.3	76.8	76.2
12:00 PM - 01:00 PM	76.3	76.7	76.2
01:00 PM - 02:00 PM	76.3	76.7	76.2
02:00 PM - 03:00 PM	76.3	76.7	76.1
03:00 PM - 04:00 PM	76.3	76.7	76.2
04:00 PM - 05:00 PM	76.4	76.8	76.2

Leq Average 8 hrs. (dB(A)) : 76.3

Lmax (dB(A)) : 76.8

Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454715-1

Page 1 of 1

Sample Number : 2598620-59
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	78.9	90.5	76.3
06:00 PM - 07:00 PM	81.9	94.1	78.1
07:00 PM - 08:00 PM	84.5	97.0	82.4
08:00 PM - 09:00 PM	85.2	96.7	84.8
09:00 PM - 10:00 PM	85.4	87.4	84.8
10:00 PM - 11:00 PM	87.0	89.0	86.0
11:00 PM - 12:00 AM	84.7	88.3	83.7
12:00 AM - 01:00 AM	84.1	84.7	84.0

Leq Average 8 hrs. (dB(A)) : 84.5

Lmax (dB(A)) : 97.0

Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454716-1

Page 1 of 1

Sample Number : 2598620-60
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	84.1	84.7	83.8
02:00 AM - 03:00 AM	84.1	84.9	84.0
03:00 AM - 04:00 AM	84.2	84.9	84.0
04:00 AM - 05:00 AM	84.2	85.2	84.0
05:00 AM - 06:00 AM	84.1	85.0	83.9
06:00 AM - 07:00 AM	84.2	84.9	84.0
07:00 AM - 08:00 AM	84.3	84.9	84.1
08:00 AM - 09:00 AM	84.2	84.9	84.0

Leq Average 8 hrs. (dB(A)) : 84.2
Lmax (dB(A)) : 85.2
Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454717-1

Page 1 of 1

Sample Number : 2598620-61
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	84.0	84.7	83.9
10:00 AM - 11:00 AM	84.0	84.7	83.9
11:00 AM - 12:00 PM	83.9	84.7	83.8
12:00 PM - 01:00 PM	83.8	84.6	83.8
01:00 PM - 02:00 PM	83.9	85.0	83.7
02:00 PM - 03:00 PM	84.0	84.9	82.3
03:00 PM - 04:00 PM	82.2	86.6	80.4
04:00 PM - 05:00 PM	81.0	82.3	80.7

Leq Average 8 hrs. (dB(A)) : 83.5
Lmax (dB(A)) : 99.4
Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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Technical Management

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454718-1

Page 1 of 1

Sample Number : 2598620-62
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	80.9	82.1	80.7
06:00 PM - 07:00 PM	80.9	85.7	80.7
07:00 PM - 08:00 PM	80.9	82.4	80.6
08:00 PM - 09:00 PM	81.4	82.9	79.0
09:00 PM - 10:00 PM	78.5	81.7	78.1
10:00 PM - 11:00 PM	78.7	84.2	78.2
11:00 PM - 12:00 AM	78.4	83.3	78.2
12:00 AM - 01:00 AM	78.3	80.9	78.1

Leq Average 8 hrs. (dB(A)) : 79.9
Lmax (dB(A)) : 92.9
Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454719-1

Page 1 of 1

Sample Number : 2598620-63
Parameter : Noise (Leq 8 hrs.)
Location : Gas Turbine Accessories System Area Block2
Measurement Date : Nov 13, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	78.5	81.1	78.2
02:00 AM - 03:00 AM	78.5	81.1	78.3
03:00 AM - 04:00 AM	78.5	81.2	78.3
04:00 AM - 05:00 AM	78.6	81.1	78.5
05:00 AM - 06:00 AM	78.6	80.9	78.5
06:00 AM - 07:00 AM	78.6	81.0	78.5
07:00 AM - 08:00 AM	78.7	80.9	78.6
08:00 AM - 09:00 AM	78.7	81.0	78.6

Leq Average 8 hrs. (dB(A)) : 78.6
Lmax (dB(A)) : 81.2
Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454720-1

Page 1 of 1

Sample Number	2598620-64		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Generator Area Block1		
Measurement Date	Nov 10, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.8	77.5	76.7
10:00 AM - 11:00 AM	76.7	79.4	76.5
11:00 AM - 12:00 PM	76.5	79.0	76.4
12:00 PM - 01:00 PM	76.4	76.8	76.4
01:00 PM - 02:00 PM	76.4	83.6	76.3
02:00 PM - 03:00 PM	76.4	76.8	76.3
03:00 PM - 04:00 PM	76.6	77.1	76.5
04:00 PM - 05:00 PM	76.7	77.2	76.6
Leq Average 8 hrs. (dB(A))	76.6		
Lmax (dB(A))		83.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454721-1

Page 1 of 1

Sample Number	2598620-65		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Generator Area Block1		
Measurement Date	Nov 10, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.8	77.2	76.8
06:00 PM - 07:00 PM	76.9	77.2	76.8
07:00 PM - 08:00 PM	76.9	77.2	76.8
08:00 PM - 09:00 PM	76.9	77.5	76.8
09:00 PM - 10:00 PM	76.9	77.2	76.8
10:00 PM - 11:00 PM	76.8	77.2	76.8
11:00 PM - 12:00 AM	76.8	77.1	76.8
12:00 AM - 01:00 AM	76.8	77.1	76.8
Leq Average 8 hrs. (dB(A))	76.9		
Lmax (dB(A))		77.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454722-1

Page 1 of 1

Sample Number	2598620-66		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Generator Area Block1		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	76.8	77.1	76.7
02:00 AM - 03:00 AM	76.8	77.1	76.7
03:00 AM - 04:00 AM	76.8	77.1	76.7
04:00 AM - 05:00 AM	76.8	77.1	76.7
05:00 AM - 06:00 AM	76.8	77.1	76.7
06:00 AM - 07:00 AM	76.8	77.5	76.7
07:00 AM - 08:00 AM	76.8	77.1	76.8
08:00 AM - 09:00 AM	76.8	77.5	76.7
Leq Average 8 hrs. (dB(A))	76.8		
Lmax (dB(A))		77.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454723-1

Page 1 of 1

Sample Number	2598620-67		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Generator Area Block1		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.6	78.1	76.5
10:00 AM - 11:00 AM	76.5	77.2	76.4
11:00 AM - 12:00 PM	76.4	82.9	76.3
12:00 PM - 01:00 PM	76.3	77.2	76.2
01:00 PM - 02:00 PM	76.3	81.8	76.2
02:00 PM - 03:00 PM	77.1	91.1	76.2
03:00 PM - 04:00 PM	76.2	76.5	76.2
04:00 PM - 05:00 PM	76.3	76.6	76.2
Leq Average 8 hrs. (dB(A))	76.5		
Lmax (dB(A))		91.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454724-1

Page 1 of 1

Sample Number : 2598620-68
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.4	76.6	76.3
06:00 PM - 07:00 PM	76.4	76.8	76.4
07:00 PM - 08:00 PM	76.5	76.9	76.5
08:00 PM - 09:00 PM	76.6	77.0	76.5
09:00 PM - 10:00 PM	76.6	77.0	76.4
10:00 PM - 11:00 PM	76.7	77.2	76.5
11:00 PM - 12:00 AM	76.6	77.2	76.5
12:00 AM - 01:00 AM	76.7	77.3	76.5
Leq Average 8 hrs. (dB(A))	76.6		
Lmax (dB(A))		77.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร			
มาตรฐานการวัดและประเมินผลกระทบสิ่งแวดล้อมในโรงงานอุตสาหกรรม			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454725-1

Page 1 of 1

Sample Number : 2598620-69
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	76.9	77.3	76.7
02:00 AM - 03:00 AM	76.9	77.3	76.8
03:00 AM - 04:00 AM	76.9	77.3	76.8
04:00 AM - 05:00 AM	76.9	77.3	76.8
05:00 AM - 06:00 AM	76.9	77.2	76.8
06:00 AM - 07:00 AM	76.9	77.3	76.8
07:00 AM - 08:00 AM	76.9	77.3	76.7
08:00 AM - 09:00 AM	77.1	82.0	76.7
Leq Average 8 hrs. (dB(A))	76.9		
Lmax (dB(A))		82.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร			
มาตรฐานการวัดและประเมินผลกระทบสิ่งแวดล้อมในโรงงานอุตสาหกรรม			

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454726-1

Page 1 of 1

Sample Number : 2598620-70
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	76.9	79.7	76.8
10:00 AM - 11:00 AM	76.8	79.0	76.7
11:00 AM - 12:00 PM	76.5	77.1	76.4
12:00 PM - 01:00 PM	76.4	76.8	76.3
01:00 PM - 02:00 PM	76.3	77.3	76.2
02:00 PM - 03:00 PM	76.3	77.1	76.2
03:00 PM - 04:00 PM	76.5	79.4	76.3
04:00 PM - 05:00 PM	76.5	76.9	76.5
Leq Average 8 hrs. (dB(A))	76.5		
Lmax (dB(A))		79.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร			
มาตรฐานการวัดและประเมินผลกระทบสิ่งแวดล้อมในโรงงานอุตสาหกรรม			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454727-1

Page 1 of 1

Sample Number : 2598620-71
Parameter : Noise (Leq 8 hrs.)
Location : Steam Turbine Generator Area Block1
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	76.7	77.1	76.6
06:00 PM - 07:00 PM	76.8	77.1	76.7
07:00 PM - 08:00 PM	76.8	77.1	76.8
08:00 PM - 09:00 PM	76.8	77.5	76.8
09:00 PM - 10:00 PM	76.8	77.1	76.7
10:00 PM - 11:00 PM	76.8	77.1	76.7
11:00 PM - 12:00 AM	76.8	77.2	76.8
12:00 AM - 01:00 AM	76.8	77.2	76.8
Leq Average 8 hrs. (dB(A))	76.8		
Lmax (dB(A))		77.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร			
มาตรฐานการวัดและประเมินผลกระทบสิ่งแวดล้อมในโรงงานอุตสาหกรรม			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598620
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454728-1

Page 1 of 1

Sample Number	2598620-72		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Generator Area Block1		
Measurement Date	Nov 13, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	76.9	77.2	76.8
02:00 AM - 03:00 AM	76.9	77.2	76.8
03:00 AM - 04:00 AM	76.9	77.2	76.8
04:00 AM - 05:00 AM	76.9	77.3	76.8
05:00 AM - 06:00 AM	77.0	77.3	76.9
06:00 AM - 07:00 AM	77.0	77.3	76.9
07:00 AM - 08:00 AM	77.0	77.5	76.9
08:00 AM - 09:00 AM	77.0	77.3	76.9
Leq Average 8 hrs. (dB(A))	77.0		
Lmax (dB(A))		77.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงในชุมชนในเวลากลางวันและกลางคืน			

Technical Management

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454753-1

Page 1 of 1

Sample Number	2598621-10		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Lube oil skid Block1		
Measurement Date	Nov 10, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	78.6	79.6	78.5
10:00 AM - 11:00 AM	78.7	82.1	78.5
11:00 AM - 12:00 PM	78.5	81.3	78.5
12:00 PM - 01:00 PM	78.6	78.9	78.5
01:00 PM - 02:00 PM	78.6	79.6	78.5
02:00 PM - 03:00 PM	78.6	79.0	78.5
03:00 PM - 04:00 PM	78.7	79.0	78.6
04:00 PM - 05:00 PM	78.8	79.1	78.7
Leq Average 8 hrs. (dB(A))	78.6		
Lmax (dB(A))		82.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงในชุมชนในเวลากลางวันและกลางคืน			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454754-1

Page 1 of 1

Sample Number	2598621-11		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Lube oil skid Block1		
Measurement Date	Nov 10, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	78.8	79.1	78.7
06:00 PM - 07:00 PM	78.8	79.5	78.7
07:00 PM - 08:00 PM	78.8	79.1	78.7
08:00 PM - 09:00 PM	78.8	79.1	78.7
09:00 PM - 10:00 PM	78.8	79.2	78.7
10:00 PM - 11:00 PM	78.8	79.1	78.7
11:00 PM - 12:00 AM	78.8	79.1	78.7
12:00 AM - 01:00 AM	78.8	79.1	78.7
Leq Average 8 hrs. (dB(A))	78.8		
Lmax (dB(A))		79.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงในชุมชนในเวลากลางวันและกลางคืน			

Technical Management

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S:\Reports_Air Noise.rpt (7:25PM)



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454755-1

Page 1 of 1

Sample Number	2598621-12		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Lube oil skid Block1		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	78.8	79.2	78.7
02:00 AM - 03:00 AM	78.8	79.1	78.7
03:00 AM - 04:00 AM	78.8	79.1	78.7
04:00 AM - 05:00 AM	78.8	79.1	78.7
05:00 AM - 06:00 AM	78.8	79.2	78.7
06:00 AM - 07:00 AM	78.8	79.2	78.7
07:00 AM - 08:00 AM	78.8	79.1	78.7
08:00 AM - 09:00 AM	78.8	79.4	78.7
Leq Average 8 hrs. (dB(A))	78.8		
Lmax (dB(A))		79.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในชุมชน ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงในชุมชนในเวลากลางวันและกลางคืน			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454756-1

Page 1 of 1

Sample Number	2598621-13			
Parameter	Noise (Leq 8 hrs.)			
Location	Steam Turbine Lube oil skid Block1			
Measurement Date	Nov 11, 2025			
Measurement by	Traimonthon Tipwan			
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	09:00 AM - 10:00 AM	78.7	79.3	78.6
	10:00 AM - 11:00 AM	78.6	79.2	78.5
	11:00 AM - 12:00 PM	78.5	83.0	78.4
	12:00 PM - 01:00 PM	78.4	79.0	78.3
	01:00 PM - 02:00 PM	78.5	81.1	78.4
	02:00 PM - 03:00 PM	79.1	90.3	78.1
	03:00 PM - 04:00 PM	78.6	78.9	78.5
	04:00 PM - 05:00 PM	78.6	78.9	78.5
	Leq Average 8 hrs. (dB(A))	78.6		
	Lmax (dB(A))		90.3	
	Standard (dB(A))	90	140	
	Reference Method : Based on ISO1996-1 and 1996-2			
	Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
	ในการประเมินค่าการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454757-1

Page 1 of 1

Sample Number	2598621-14		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Lube oil skid Block1		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	78.6	79.0	78.5
06:00 PM - 07:00 PM	78.6	79.0	78.5
07:00 PM - 08:00 PM	78.6	79.0	78.6
08:00 PM - 09:00 PM	78.7	79.0	78.6
09:00 PM - 10:00 PM	78.7	79.0	78.6
10:00 PM - 11:00 PM	78.7	79.0	78.6
11:00 PM - 12:00 AM	78.7	79.0	78.6
12:00 AM - 01:00 AM	78.7	79.0	78.6
Leq Average 8 hrs. (dB(A))	78.7		
Lmax (dB(A))		79.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินค่าการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454758-1

Page 1 of 1

Sample Number	2598621-15		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Lube oil skid Block1		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	78.8	79.1	78.7
02:00 AM - 03:00 AM	78.8	79.1	78.7
03:00 AM - 04:00 AM	78.8	79.1	78.7
04:00 AM - 05:00 AM	78.8	79.1	78.7
05:00 AM - 06:00 AM	78.8	79.1	78.7
06:00 AM - 07:00 AM	78.8	79.1	78.7
07:00 AM - 08:00 AM	78.8	79.1	78.7
08:00 AM - 09:00 AM	78.4	84.8	77.9
Leq Average 8 hrs. (dB(A))	78.8		
Lmax (dB(A))		84.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินค่าการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454759-1

Page 1 of 1

Sample Number	2598621-16		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Lube oil skid Block1		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	78.8	80.1	78.7
10:00 AM - 11:00 AM	78.7	79.8	78.7
11:00 AM - 12:00 PM	78.6	79.0	78.5
12:00 PM - 01:00 PM	78.6	78.9	78.5
01:00 PM - 02:00 PM	78.5	78.9	78.4
02:00 PM - 03:00 PM	78.4	81.6	78.2
03:00 PM - 04:00 PM	78.3	81.4	78.1
04:00 PM - 05:00 PM	78.6	79.0	78.5
Leq Average 8 hrs. (dB(A))	78.6		
Lmax (dB(A))		81.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินค่าการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454760-1

Page 1 of 1

Sample Number	2598621-17			
Parameter	Noise (Leq 8 hrs.)			
Location	Steam Turbine Lube oil skid Block1			
Measurement Date	Nov 12, 2025			
Measurement by	Tramonthon Tipwan			
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	05:00 PM - 06:00 PM	78.8	79.1	78.7
	06:00 PM - 07:00 PM	78.8	79.2	78.8
	07:00 PM - 08:00 PM	78.9	79.2	78.8
	08:00 PM - 09:00 PM	78.9	79.2	78.8
	09:00 PM - 10:00 PM	78.8	79.2	78.8
	10:00 PM - 11:00 PM	78.9	79.2	78.8
	11:00 PM - 12:00 AM	78.9	81.1	78.8
	12:00 AM - 01:00 AM	78.9	79.1	78.8
	Leq Average 8 hrs. (dB(A))	78.9		
	Lmax (dB(A))		81.1	
	Standard (dB(A))	90	140	
	Reference Method : Based on ISO1996-1 and 1996-2			
	Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร			
	ใบอนุญาตประกอบกิจการโรงงานที่มีเสียงรบกวนฉบับใบอนุญาตฯ พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454761-1

Page 1 of 1

Sample Number	2598621-18		
Parameter	Noise (Leq 8 hrs.)		
Location	Steam Turbine Lube oil skid Block1		
Measurement Date	Nov 13, 2025		
Measurement by	Tramonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	78.9	79.2	78.8
02:00 AM - 03:00 AM	78.9	79.3	78.9
03:00 AM - 04:00 AM	78.9	79.3	78.9
04:00 AM - 05:00 AM	79.0	79.3	78.9
05:00 AM - 06:00 AM	79.0	79.4	78.9
06:00 AM - 07:00 AM	79.0	79.3	78.9
07:00 AM - 08:00 AM	79.0	79.3	78.9
08:00 AM - 09:00 AM	79.0	80.1	78.9
Leq Average 8 hrs. (dB(A))	79.0		
Lmax (dB(A))		80.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร			
Standard : หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร พ.ศ.2562			

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454771-1

Page 1 of 1

Sample Number	2598621-28		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Nov 10, 2025		
Measurement by	Tramonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	55.5	76.3	52.8
10:00 AM - 11:00 AM	56.4	80.9	49.1
11:00 AM - 12:00 PM	55.4	76.7	52.1
12:00 PM - 01:00 PM	55.6	76.7	50.9
01:00 PM - 02:00 PM	60.9	85.9	50.8
02:00 PM - 03:00 PM	59.2	79.3	53.6
03:00 PM - 04:00 PM	58.3	80.4	53.6
04:00 PM - 05:00 PM	55.9	77.1	51.1
Leq Average 8 hrs. (dB(A))	57.6		
Lmax (dB(A))		85.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard :	หน่วยงานตรวจสอบและควบคุมสิ่งแวดล้อม กรุงเทพมหานคร		
	ในเขตพื้นที่อาคารโรงงานที่มีการดำเนินการตามข้อกำหนด พ.ศ.2562		

Technical Management

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454772-1

Page 1 of 1

Sample Number	2598621-29		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Nov 10, 2025		
Measurement by	Tramonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	56.0	77.2	52.9
06:00 PM - 07:00 PM	54.7	77.1	51.6
07:00 PM - 08:00 PM	55.7	77.1	52.9
08:00 PM - 09:00 PM	56.1	77.1	53.1
09:00 PM - 10:00 PM	54.5	77.0	50.8
10:00 PM - 11:00 PM	55.6	77.0	51.2
11:00 PM - 12:00 AM	55.6	76.8	52.4
12:00 AM - 01:00 AM	55.7	76.8	51.2
Leq Average 8 hrs. (dB(A))	55.5		
Lmax (dB(A))		77.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : ราชการกรุงเทพมหานครและหน่วยงานอื่นที่เกี่ยวข้องตามมาตรฐานสิ่งแวดล้อม ในกรุงเทพมหานคร			

Technical Management

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454773-1

Page 1 of 1

Sample Number	2598621-30		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	55.2	76.8	51.0
02:00 AM - 03:00 AM	54.8	76.8	50.2
03:00 AM - 04:00 AM	55.3	76.9	52.5
04:00 AM - 05:00 AM	55.0	76.8	49.9
05:00 AM - 06:00 AM	55.5	76.5	51.2
06:00 AM - 07:00 AM	54.6	76.4	49.9
07:00 AM - 08:00 AM	55.5	76.3	52.8
08:00 AM - 09:00 AM	56.7	76.4	52.5
Leq Average 8 hrs. (dB(A))	55.4		
Lmax (dB(A))		76.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454774-1

Page 1 of 1

Sample Number	2598621-31		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	55.6	78.4	49.8
10:00 AM - 11:00 AM	54.9	76.3	50.5
11:00 AM - 12:00 PM	54.7	76.4	49.6
12:00 PM - 01:00 PM	54.5	76.4	49.4
01:00 PM - 02:00 PM	56.5	78.9	51.8
02:00 PM - 03:00 PM	54.5	76.6	49.5
03:00 PM - 04:00 PM	55.4	76.8	51.9
04:00 PM - 05:00 PM	56.1	76.7	50.3
Leq Average 8 hrs. (dB(A))	55.7		
Lmax (dB(A))		78.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454775-1

Page 1 of 1

Sample Number	2598621-32		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	57.4	77.0	52.5
06:00 PM - 07:00 PM	59.5	77.1	56.5
07:00 PM - 08:00 PM	59.6	77.0	58.1
08:00 PM - 09:00 PM	60.3	77.1	59.1
09:00 PM - 10:00 PM	59.6	76.8	58.0
10:00 PM - 11:00 PM	59.1	76.6	57.8
11:00 PM - 12:00 AM	59.1	76.4	57.8
12:00 AM - 01:00 AM	59.3	76.5	57.7
Leq Average 8 hrs. (dB(A))	59.3		
Lmax (dB(A))		77.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454776-1

Page 1 of 1

Sample Number	2598621-33		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	59.0	76.4	57.7
02:00 AM - 03:00 AM	59.1	76.3	57.9
03:00 AM - 04:00 AM	59.1	76.4	58.0
04:00 AM - 05:00 AM	58.8	76.2	57.4
05:00 AM - 06:00 AM	60.1	85.7	58.0
06:00 AM - 07:00 AM	59.1	76.2	57.7
07:00 AM - 08:00 AM	58.8	76.3	57.3
08:00 AM - 09:00 AM	59.2	82.3	57.1
Leq Average 8 hrs. (dB(A))	59.2		
Lmax (dB(A))		85.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454777-1

Page 1 of 1

Sample Number	2598621-34		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	58.7	76.5	57.1
10:00 AM - 11:00 AM	58.5	76.3	56.9
11:00 AM - 12:00 PM	58.8	76.3	57.1
12:00 PM - 01:00 PM	58.9	76.6	57.3
01:00 PM - 02:00 PM	59.5	76.4	57.5
02:00 PM - 03:00 PM	59.5	76.8	57.8
03:00 PM - 04:00 PM	58.6	76.7	57.1
04:00 PM - 05:00 PM	58.6	76.7	56.9
Leq Average 8 hrs. (dB(A))	58.9		
Lmax (dB(A))		76.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454778-1

Page 1 of 1

Sample Number	2598621-35		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	59.4	76.6	57.8
06:00 PM - 07:00 PM	59.0	76.7	57.5
07:00 PM - 08:00 PM	59.2	76.7	57.8
08:00 PM - 09:00 PM	58.8	76.6	56.6
09:00 PM - 10:00 PM	57.1	76.7	55.0
10:00 PM - 11:00 PM	57.0	76.7	55.4
11:00 PM - 12:00 AM	57.8	76.9	55.9
12:00 AM - 01:00 AM	57.2	76.9	55.1
Leq Average 8 hrs. (dB(A))	58.3		
Lmax (dB(A))		76.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454779-1

Page 1 of 1

Sample Number	2598621-36		
Parameter	Noise (Leq 8 hrs.)		
Location	Air Compressor Area (Common)		
Measurement Date	Nov 13, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	57.3	76.9	55.4
02:00 AM - 03:00 AM	57.2	76.9	55.2
03:00 AM - 04:00 AM	57.3	76.9	55.3
04:00 AM - 05:00 AM	57.3	76.8	56.1
05:00 AM - 06:00 AM	57.6	77.1	55.3
06:00 AM - 07:00 AM	58.6	77.2	55.4
07:00 AM - 08:00 AM	57.8	77.2	55.9
08:00 AM - 09:00 AM	57.6	77.1	53.0
Leq Average 8 hrs. (dB(A))	57.6		
Lmax (dB(A))		77.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454780-1

Page 1 of 1

Sample Number	2598621-37		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Nov 10, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	50.4	71.0	43.9
10:00 AM - 11:00 AM	55.6	84.4	45.1
11:00 AM - 12:00 PM	53.4	81.1	45.1
12:00 PM - 01:00 PM	55.4	82.5	45.5
01:00 PM - 02:00 PM	62.3	87.5	49.7
02:00 PM - 03:00 PM	58.6	78.4	50.9
03:00 PM - 04:00 PM	52.3	72.2	45.5
04:00 PM - 05:00 PM	50.1	70.2	44.9
Leq Average 8 hrs. (dB(A))	56.7		
Lmax (dB(A))		87.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454781-1

Page 1 of 1

Sample Number	2598621-38		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Nov 10, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	48.0	68.9	44.8
06:00 PM - 07:00 PM	48.9	75.1	45.2
07:00 PM - 08:00 PM	47.3	68.0	45.0
08:00 PM - 09:00 PM	46.3	52.9	44.9
09:00 PM - 10:00 PM	46.7	63.2	45.1
10:00 PM - 11:00 PM	46.9	64.7	45.3
11:00 PM - 12:00 AM	46.8	66.3	44.9
12:00 AM - 01:00 AM	46.4	59.5	45.0
Leq Average 8 hrs. (dB(A))	47.2		
Lmax (dB(A))		75.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในอาคารและบริเวณใกล้เคียง			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในอาคารและบริเวณใกล้เคียง			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454782-1

Page 1 of 1

Sample Number	2598621-39		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	46.1	56.9	44.6
02:00 AM - 03:00 AM	45.7	61.1	44.0
03:00 AM - 04:00 AM	47.6	67.5	45.0
04:00 AM - 05:00 AM	45.8	61.5	44.6
05:00 AM - 06:00 AM	47.7	69.2	44.4
06:00 AM - 07:00 AM	50.4	71.0	43.9
07:00 AM - 08:00 AM	47.3	66.4	43.7
08:00 AM - 09:00 AM	59.0	88.8	45.2
Leq Average 8 hrs. (dB(A))	51.7		
Lmax (dB(A))		88.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในอาคารและบริเวณใกล้เคียง			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในอาคารและบริเวณใกล้เคียง			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454783-1

Page 1 of 1

Sample Number	2598621-40		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	53.2	78.8	44.9
10:00 AM - 11:00 AM	57.0	83.8	44.7
11:00 AM - 12:00 PM	48.2	75.5	44.6
12:00 PM - 01:00 PM	47.2	62.6	44.9
01:00 PM - 02:00 PM	53.7	76.7	45.1
02:00 PM - 03:00 PM	48.6	65.7	45.1
03:00 PM - 04:00 PM	50.0	75.6	44.9
04:00 PM - 05:00 PM	52.2	70.9	47.4
Leq Average 8 hrs. (dB(A))	52.4		
Lmax (dB(A))		83.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในอาคารและบริเวณใกล้เคียง			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในอาคารและบริเวณใกล้เคียง			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454784-1

Page 1 of 1

Sample Number	2598621-41		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Nov 11, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	53.1	71.3	49.6
06:00 PM - 07:00 PM	56.2	70.7	52.9
07:00 PM - 08:00 PM	56.4	70.8	55.5
08:00 PM - 09:00 PM	56.3	58.4	55.7
09:00 PM - 10:00 PM	56.1	62.6	54.2
10:00 PM - 11:00 PM	55.4	73.5	54.0
11:00 PM - 12:00 AM	54.6	67.9	53.8
12:00 AM - 01:00 AM	54.2	62.4	53.7
Leq Average 8 hrs. (dB(A))	55.4		
Lmax (dB(A))		73.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในอาคารและบริเวณใกล้เคียง			
มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงในอาคารและบริเวณใกล้เคียง			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454785-1

Page 1 of 1

Sample Number	2598621-42		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	54.3	55.8	53.9
02:00 AM - 03:00 AM	53.9	62.1	53.3
03:00 AM - 04:00 AM	53.9	62.9	53.4
04:00 AM - 05:00 AM	54.0	56.0	53.5
05:00 AM - 06:00 AM	54.3	70.6	53.4
06:00 AM - 07:00 AM	54.9	71.8	53.2
07:00 AM - 08:00 AM	55.1	75.8	52.6
08:00 AM - 09:00 AM	57.7	77.0	52.8
Leq Average 8 hrs. (dB(A))	55.0		
Lmax (dB(A))		77.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามข้อกำหนดของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามข้อกำหนดของกรมควบคุมมลพิษ			

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454786-1

Page 1 of 1

Sample Number	2598621-43		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	53.4	68.2	52.4
10:00 AM - 11:00 AM	53.1	66.1	51.8
11:00 AM - 12:00 PM	53.1	72.2	51.8
12:00 PM - 01:00 PM	54.0	72.6	51.9
01:00 PM - 02:00 PM	53.5	68.6	51.9
02:00 PM - 03:00 PM	55.6	71.0	53.9
03:00 PM - 04:00 PM	58.3	68.5	54.0
04:00 PM - 05:00 PM	56.3	67.7	53.3
Leq Average 8 hrs. (dB(A))	55.1		
Lmax (dB(A))		72.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามข้อกำหนดของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามข้อกำหนดของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454787-1

Page 1 of 1

Sample Number	2598621-44		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Nov 12, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	54.2	69.9	53.1
06:00 PM - 07:00 PM	54.7	69.1	53.4
07:00 PM - 08:00 PM	53.8	63.8	53.2
08:00 PM - 09:00 PM	53.8	77.0	50.5
09:00 PM - 10:00 PM	52.5	79.5	49.2
10:00 PM - 11:00 PM	50.4	67.5	49.0
11:00 PM - 12:00 AM	50.0	66.6	48.9
12:00 AM - 01:00 AM	50.2	66.3	48.6
Leq Average 8 hrs. (dB(A))	52.8		
Lmax (dB(A))		79.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามข้อกำหนดของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามข้อกำหนดของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454788-1

Page 1 of 1

Sample Number	2598621-45		
Parameter	Noise (Leq 8 hrs.)		
Location	Maintenance Shop		
Measurement Date	Nov 13, 2025		
Measurement by	Traimonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	49.7	53.7	48.9
02:00 AM - 03:00 AM	49.6	60.2	48.6
03:00 AM - 04:00 AM	50.2	68.9	48.4
04:00 AM - 05:00 AM	48.7	51.6	47.9
05:00 AM - 06:00 AM	49.5	66.4	47.9
06:00 AM - 07:00 AM	56.9	74.7	48.5
07:00 AM - 08:00 AM	51.5	69.0	49.0
08:00 AM - 09:00 AM	53.2	73.6	49.2
Leq Average 8 hrs. (dB(A))	52.1		
Lmax (dB(A))		74.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามข้อกำหนดของกรมควบคุมมลพิษ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามข้อกำหนดของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454789-1

Page 1 of 1

Sample Number : 2598621-46
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	45.3	55.0	41.0
10:00 AM - 11:00 AM	48.2	70.0	40.4
11:00 AM - 12:00 PM	46.8	70.1	39.6
12:00 PM - 01:00 PM	52.4	81.5	39.9
01:00 PM - 02:00 PM	47.5	63.1	40.6
02:00 PM - 03:00 PM	59.9	90.3	47.7
03:00 PM - 04:00 PM	55.6	80.5	46.7
04:00 PM - 05:00 PM	49.4	74.3	42.8
Leq Average 8 hrs. (dB(A))	53.5		
Lmax (dB(A))		90.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในทางวิศวกรรมเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454790-1

Page 1 of 1

Sample Number : 2598621-47
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	48.9	59.7	42.0
06:00 PM - 07:00 PM	47.9	56.1	43.6
07:00 PM - 08:00 PM	48.6	60.5	45.8
08:00 PM - 09:00 PM	47.6	55.9	42.9
09:00 PM - 10:00 PM	48.3	55.9	43.2
10:00 PM - 11:00 PM	46.1	55.3	41.6
11:00 PM - 12:00 AM	45.6	62.8	40.4
12:00 AM - 01:00 AM	45.3	55.0	41.0
Leq Average 8 hrs. (dB(A))	47.5		
Lmax (dB(A))		62.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในทางวิศวกรรมเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454791-1

Page 1 of 1

Sample Number : 2598621-48
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	48.0	58.7	44.0
02:00 AM - 03:00 AM	45.3	55.4	40.6
03:00 AM - 04:00 AM	46.3	55.3	42.2
04:00 AM - 05:00 AM	45.4	55.7	41.0
05:00 AM - 06:00 AM	47.5	55.8	44.1
06:00 AM - 07:00 AM	47.0	62.4	43.1
07:00 AM - 08:00 AM	47.3	65.2	40.1
08:00 AM - 09:00 AM	44.5	63.2	39.7
Leq Average 8 hrs. (dB(A))	46.6		
Lmax (dB(A))		65.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในทางวิศวกรรมเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454792-1

Page 1 of 1

Sample Number : 2598621-49
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	44.0	56.7	39.8
10:00 AM - 11:00 AM	44.2	58.6	39.7
11:00 AM - 12:00 PM	44.9	64.4	39.3
12:00 PM - 01:00 PM	45.8	53.6	39.4
01:00 PM - 02:00 PM	50.3	73.1	39.3
02:00 PM - 03:00 PM	75.2	81.8	40.1
03:00 PM - 04:00 PM	44.8	56.2	39.9
04:00 PM - 05:00 PM	48.2	70.0	40.4
Leq Average 8 hrs. (dB(A))	66.2		
Lmax (dB(A))		81.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในทางวิศวกรรมเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454793-1

Page 1 of 1

Sample Number : 2598621-50
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	66.3	78.4	41.7
06:00 PM - 07:00 PM	75.3	78.4	74.6
07:00 PM - 08:00 PM	75.0	77.2	74.5
08:00 PM - 09:00 PM	75.1	76.6	74.5
09:00 PM - 10:00 PM	74.9	78.4	74.6
10:00 PM - 11:00 PM	75.5	78.5	74.8
11:00 PM - 12:00 AM	75.7	78.9	74.9
12:00 AM - 01:00 AM	75.6	78.7	74.9
Leq Average 8 hrs. (dB(A))	74.8		
Lmax (dB(A))		79.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประเมินผลกระทบจากกิจกรรมอุตสาหกรรมในโรงงาน พ.ศ.๒๕๖๓			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454794-1

Page 1 of 1

Sample Number : 2598621-51
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	75.8	78.7	74.9
02:00 AM - 03:00 AM	76.3	79.0	75.6
03:00 AM - 04:00 AM	75.8	78.6	74.9
04:00 AM - 05:00 AM	75.9	78.1	74.9
05:00 AM - 06:00 AM	76.1	78.5	75.3
06:00 AM - 07:00 AM	75.7	78.8	74.9
07:00 AM - 08:00 AM	75.7	78.4	74.9
08:00 AM - 09:00 AM	74.7	77.6	73.8
Leq Average 8 hrs. (dB(A))	75.8		
Lmax (dB(A))		79.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประเมินผลกระทบจากกิจกรรมอุตสาหกรรมในโรงงาน พ.ศ.๒๕๖๓			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhohi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454795-1

Page 1 of 1

Sample Number : 2598621-52
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	74.7	77.7	73.8
10:00 AM - 11:00 AM	75.1	77.6	74.4
11:00 AM - 12:00 PM	74.6	77.2	73.7
12:00 PM - 01:00 PM	75.0	77.5	74.1
01:00 PM - 02:00 PM	74.7	77.5	73.9
02:00 PM - 03:00 PM	74.7	77.6	73.9
03:00 PM - 04:00 PM	75.1	78.2	74.3
04:00 PM - 05:00 PM	74.8	78.6	74.2
Leq Average 8 hrs. (dB(A))	74.8		
Lmax (dB(A))		78.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประเมินผลกระทบจากกิจกรรมอุตสาหกรรมในโรงงาน พ.ศ.๒๕๖๓			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454796-1

Page 1 of 1

Sample Number : 2598621-53
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Nov 12, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	75.7	78.8	74.7
06:00 PM - 07:00 PM	75.4	78.7	74.6
07:00 PM - 08:00 PM	76.1	78.5	75.4
08:00 PM - 09:00 PM	75.5	78.6	74.6
09:00 PM - 10:00 PM	75.1	78.3	74.3
10:00 PM - 11:00 PM	73.0	78.5	46.6
11:00 PM - 12:00 AM	47.3	54.6	44.7
12:00 AM - 01:00 AM	47.2	56.5	44.4
Leq Average 8 hrs. (dB(A))	74.0		
Lmax (dB(A))		78.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในการประเมินผลกระทบจากกิจกรรมอุตสาหกรรมในโรงงาน พ.ศ.๒๕๖๓			

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454799-1

Page 1 of 1

Sample Number : 2598621-54
Parameter : Noise (Leq 8 hrs.)
Location : Lab room
Measurement Date : Nov 13, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	47.8	65.2	44.6
02:00 AM - 03:00 AM	48.2	57.5	45.2
03:00 AM - 04:00 AM	48.8	58.1	46.9
04:00 AM - 05:00 AM	47.0	54.2	44.2
05:00 AM - 06:00 AM	45.2	55.8	42.4
06:00 AM - 07:00 AM	46.8	75.0	43.1
07:00 AM - 08:00 AM	50.0	64.6	44.2
08:00 AM - 09:00 AM	72.8	78.3	44.9

Leq Average 8 hrs. (dB(A))

63.9

Lmax (dB(A))

78.3

Standard (dB(A))

90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454798-1

Page 1 of 1

Sample Number : 2598621-55
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	48.7	74.2	44.8
10:00 AM - 11:00 AM	50.1	74.4	42.4
11:00 AM - 12:00 PM	49.6	73.3	42.1
12:00 PM - 01:00 PM	47.6	69.6	42.4
01:00 PM - 02:00 PM	61.1	87.1	43.7
02:00 PM - 03:00 PM	56.7	76.0	48.3
03:00 PM - 04:00 PM	54.3	78.9	45.2
04:00 PM - 05:00 PM	47.6	64.1	44.4

Leq Average 8 hrs. (dB(A))

54.8

Lmax (dB(A))

87.1

Standard (dB(A))

90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454799-1

Page 1 of 1

Sample Number : 2598621-56
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Nov 10, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	47.2	71.7	44.3
06:00 PM - 07:00 PM	48.7	74.2	44.8
07:00 PM - 08:00 PM	46.7	60.5	45.4
08:00 PM - 09:00 PM	45.7	55.3	44.7
09:00 PM - 10:00 PM	45.2	50.3	43.8
10:00 PM - 11:00 PM	44.7	56.7	43.5
11:00 PM - 12:00 AM	45.1	63.7	43.4
12:00 AM - 01:00 AM	46.1	70.3	43.1

Leq Average 8 hrs. (dB(A))

46.4

Lmax (dB(A))

74.2

Standard (dB(A))

90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454800-1

Page 1 of 1

Sample Number : 2598621-57
Parameter : Noise (Leq 8 hrs.)
Location : Control room
Measurement Date : Nov 11, 2025
Measurement by : Traimonthon Tipwan

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	45.4	54.6	43.4
02:00 AM - 03:00 AM	43.9	48.8	42.9
03:00 AM - 04:00 AM	44.6	57.7	43.4
04:00 AM - 05:00 AM	46.2	63.3	44.3
05:00 AM - 06:00 AM	46.5	59.7	44.4
06:00 AM - 07:00 AM	47.3	66.7	43.8
07:00 AM - 08:00 AM	47.5	71.1	43.0
08:00 AM - 09:00 AM	46.6	70.5	42.7

Leq Average 8 hrs. (dB(A))

46.2

Lmax (dB(A))

71.1

Standard (dB(A))

90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในทางวิศวกรรมเสียงตามข้อกำหนดของกรมส่งเสริมการค้าระหว่างประเทศ พ.ศ.2562

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454802-1

Page 1 of 1

Sample Number	2598621-58			
Parameter	Noise (Leq 8 hrs.)			
Location	Control room			
Measurement Date	Nov 11, 2025			
Measurement by	Trainornton Tipwan			
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	09:00 AM - 10:00 AM	50.2	75.5	41.8
	10:00 AM - 11:00 AM	44.5	60.8	41.4
	11:00 AM - 12:00 PM	48.9	77.1	41.2
	12:00 PM - 01:00 PM	44.5	70.6	41.5
	01:00 PM - 02:00 PM	46.4	66.1	41.9
	02:00 PM - 03:00 PM	48.2	67.5	41.8
	03:00 PM - 04:00 PM	44.7	62.5	41.4
	04:00 PM - 05:00 PM	47.8	72.2	41.6
	Leq Average 8 hrs. (dB(A))	47.4		
	Lmax (dB(A))		77.1	
	Standard (dB(A))	90	140	
	Reference Method : Based on ISO1996-1 and 1996-2			
	Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
	ในการประเมินค่าการวัดเสียงตามเกณฑ์การประเมินเสียงในอาคารภายใน พ.ร.บ. ๕๕			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454802-1

Page 1 of 1

Sample Number	2598621-59		
Parameter	Noise (Leq 8 hrs.)		
Location	Control room		
Measurement Date	Nov 11, 2025		
Measurement by	Tramonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	53.8	67.7	43.1
06:00 PM - 07:00 PM	57.8	77.8	54.8
07:00 PM - 08:00 PM	58.2	64.3	57.2
08:00 PM - 09:00 PM	58.5	63.2	58.2
09:00 PM - 10:00 PM	58.3	61.3	57.2
10:00 PM - 11:00 PM	58.0	68.0	57.1
11:00 PM - 12:00 AM	57.3	61.3	57.0
12:00 AM - 01:00 AM	57.4	62.8	57.1
Leq Average 8 hrs. (dB(A))	57.6		
Lmax (dB(A))		77.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

Technical Management

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454803-1

Page 1 of 1

Sample Number	2598621-60		
Parameter	Noise (Leq 8 hrs.)		
Location	Control room		
Measurement Date	Nov 12, 2025		
Measurement by	Tramonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	57.3	58.2	57.1
02:00 AM - 03:00 AM	57.4	59.4	57.1
03:00 AM - 04:00 AM	57.3	60.4	57.1
04:00 AM - 05:00 AM	57.3	58.7	57.1
05:00 AM - 06:00 AM	57.4	58.9	57.1
06:00 AM - 07:00 AM	57.4	70.4	57.0
07:00 AM - 08:00 AM	57.1	72.4	56.4
08:00 AM - 09:00 AM	56.4	64.5	56.0
Leq Average 8 hrs. (dB(A))	57.2		
Lmax (dB(A))		72.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454804-1

Page 1 of 1

Sample Number	2598621-61		
Parameter	Noise (Leq 8 hrs.)		
Location	Control room		
Measurement Date	Nov 12, 2025		
Measurement by	Tramonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	56.5	65.1	55.9
10:00 AM - 11:00 AM	56.0	63.6	55.6
11:00 AM - 12:00 PM	55.8	64.0	55.5
12:00 PM - 01:00 PM	56.3	75.4	55.6
01:00 PM - 02:00 PM	56.0	64.8	55.6
02:00 PM - 03:00 PM	57.5	65.5	55.8
03:00 PM - 04:00 PM	57.0	64.3	56.4
04:00 PM - 05:00 PM	55.9	66.7	55.4
Leq Average 8 hrs. (dB(A))	56.4		
Lmax (dB(A))		75.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในกรณีที่มีการวัดเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454806-1

Page 1 of 1

Sample Number	2598621-62			
Parameter	Noise (Leq 8 hrs.)			
Location	Control room			
Measurement Date	Nov 12, 2025			
Measurement by	Trainornton Tipwan			
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	05:00 PM - 06:00 PM	56.4	74.9	55.8
	06:00 PM - 07:00 PM	56.6	70.5	56.2
	07:00 PM - 08:00 PM	56.6	74.2	56.2
	08:00 PM - 09:00 PM	56.5	70.4	54.3
	09:00 PM - 10:00 PM	54.5	74.9	53.0
	10:00 PM - 11:00 PM	53.8	69.8	53.0
	11:00 PM - 12:00 AM	53.3	62.5	52.9
	12:00 AM - 01:00 AM	53.8	68.3	53.0
	Leq Average 8 hrs. (dB(A))	55.4		
	Lmax (dB(A))		74.9	
	Standard (dB(A))	90	140	
	Reference Method : Based on ISO1996-1 and 1996-2			
	Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
	ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598621
Date Received : Nov 14, 2025
Date Reported : Nov 19, 2025
Report Number: 3454806-1

Page 1 of 1

Sample Number	2598621-63		
Parameter	Noise (Leq 8 hrs.)		
Location	Control room		
Measurement Date	Nov 13, 2025		
Measurement by	Tramonthon Tipwan		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	53.4	64.5	53.1
02:00 AM - 03:00 AM	53.6	56.7	53.4
03:00 AM - 04:00 AM	53.4	65.2	53.1
04:00 AM - 05:00 AM	53.3	68.8	52.9
05:00 AM - 06:00 AM	53.3	62.0	53.0
06:00 AM - 07:00 AM	55.8	73.3	53.1
07:00 AM - 08:00 AM	54.8	64.1	53.9
08:00 AM - 09:00 AM	54.3	68.8	46.1
Leq Average 8 hrs. (dB(A))	54.1		
Lmax (dB(A))		73.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O :
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465431-1

Page 1 of 1

Sample Number	25107391-1		
Parameter	Noise (Leq 8 hrs.)		
Location	บริเวณ Boiler Feed Pump Area Block 2		
Measurement Date	Nov 25, 2025		
Measurement by	Pannawit Samersub		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	50.5	56.4	49.6
10:00 AM - 11:00 AM	51.0	64.1	49.7
11:00 AM - 12:00 PM	50.5	60.7	49.3
12:00 PM - 01:00 PM	50.1	59.8	49.3
01:00 PM - 02:00 PM	50.3	60.5	49.3
02:00 PM - 03:00 PM	50.9	63.8	49.4
03:00 PM - 04:00 PM	51.5	72.5	49.3
04:00 PM - 05:00 PM	49.5	56.3	49.0
Leq Average 8 hrs. (dB(A))	50.6		
Lmax (dB(A))		72.5	
Standard (dB(A))	90	140	
Reference Method	Based on ISO1996-1 and 1996-2		
Standard	กฎกระทรวงกำหนดค่ามาตรฐานเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ		

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110
P/O :
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465432-1

Page 1 of 1

Sample Number	25107391-2		
Parameter	Noise (Leq 8 hrs.)		
Location	บริเวณ Boiler Feed Pump Area Block 2		
Measurement Date	Nov 25, 2025		
Measurement by	Pannawit Samersub		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	49.4	52.3	49.0
06:00 PM - 07:00 PM	49.8	52.7	49.3
07:00 PM - 08:00 PM	50.1	52.2	49.6
08:00 PM - 09:00 PM	50.1	53.3	49.6
09:00 PM - 10:00 PM	50.2	53.5	49.7
10:00 PM - 11:00 PM	49.9	52.1	49.3
11:00 PM - 12:00 AM	49.9	52.6	49.2
12:00 AM - 01:00 AM	50.0	52.2	49.5
Leq Average 8 hrs. (dB(A))	49.9		
Lmax (dB(A))		53.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมควบคุมมลพิษ			
ในการประเมินเสียงจากโรงงานที่มีลักษณะการปล่อยเสียงตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465433-1

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

Page 1 of 1

Sample Number : 25107391-3
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Boiler Feed Pump Area Block 2
Measurement Date : Nov 26, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	49.9	52.4	49.5
02:00 AM - 03:00 AM	50.2	53.2	49.6
03:00 AM - 04:00 AM	49.9	52.8	49.3
04:00 AM - 05:00 AM	50.6	59.2	49.4
05:00 AM - 06:00 AM	49.9	61.3	49.3
06:00 AM - 07:00 AM	50.3	59.8	49.5
07:00 AM - 08:00 AM	52.3	70.1	49.8
08:00 AM - 09:00 AM	51.9	59.3	50.4

Leq Average 8 hrs. (dB(A)) : 50.7
Lmax (dB(A)) : 70.1
Standard (dB(A)) : 90
Reference Method : Based on ISO1996-1 and 1996-2
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในแหล่งชุมชนและบริเวณใกล้เคียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ พ.ศ.2562

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465434-1

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

Page 1 of 1

Sample Number : 25107391-4
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Boiler Feed Pump Area Block 2
Measurement Date : Nov 26, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	51.8	64.3	50.3
10:00 AM - 11:00 AM	52.0	61.3	50.0
11:00 AM - 12:00 PM	50.6	66.2	49.2
12:00 PM - 01:00 PM	50.7	72.0	49.1
01:00 PM - 02:00 PM	49.5	52.5	48.9
02:00 PM - 03:00 PM	50.4	61.4	49.6
03:00 PM - 04:00 PM	51.6	60.4	50.0
04:00 PM - 05:00 PM	51.6	58.3	50.9

Leq Average 8 hrs. (dB(A)) : 51.1
Lmax (dB(A)) : 72.0
Standard (dB(A)) : 90
Reference Method : Based on ISO1996-1 and 1996-2
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในแหล่งชุมชนและบริเวณใกล้เคียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ พ.ศ.2562

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Client : Kaeng Khoi Power Generation Company Limited
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Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465435-1

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

Page 1 of 1

Sample Number : 25107391-5
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Boiler Feed Pump Area Block 2
Measurement Date : Nov 26, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	51.5	53.6	50.6
06:00 PM - 07:00 PM	52.2	56.2	51.7
07:00 PM - 08:00 PM	51.5	53.7	51.1
08:00 PM - 09:00 PM	51.9	63.0	50.5
09:00 PM - 10:00 PM	50.4	65.7	49.8
10:00 PM - 11:00 PM	50.1	53.2	49.6
11:00 PM - 12:00 AM	50.0	52.8	49.5
12:00 AM - 01:00 AM	50.2	56.3	49.6

Leq Average 8 hrs. (dB(A)) : 51.1
Lmax (dB(A)) : 65.7
Standard (dB(A)) : 90
Reference Method : Based on ISO1996-1 and 1996-2
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในแหล่งชุมชนและบริเวณใกล้เคียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ พ.ศ.2562

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465436-1

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

Page 1 of 1

Sample Number : 25107391-6
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Boiler Feed Pump Area Block 2
Measurement Date : Nov 27, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	50.1	54.1	49.6
02:00 AM - 03:00 AM	50.1	53.4	49.6
03:00 AM - 04:00 AM	50.2	53.3	49.6
04:00 AM - 05:00 AM	49.9	55.0	49.5
05:00 AM - 06:00 AM	50.3	55.2	49.6
06:00 AM - 07:00 AM	50.8	60.0	49.7
07:00 AM - 08:00 AM	51.6	62.2	50.0
08:00 AM - 09:00 AM	52.2	69.7	49.9

Leq Average 8 hrs. (dB(A)) : 50.7
Lmax (dB(A)) : 69.7
Standard (dB(A)) : 90
Reference Method : Based on ISO1996-1 and 1996-2
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง
ในแหล่งชุมชนและบริเวณใกล้เคียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ พ.ศ.2562

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465437-1

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

Page 1 of 1

Sample Number : 25107391-7
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Boiler Feed Pump Area Block 2
Measurement Date : Nov 27, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	51.7	58.9	50.2
10:00 AM - 11:00 AM	52.5	63.5	50.3
11:00 AM - 12:00 PM	52.2	67.8	50.0
12:00 PM - 01:00 PM	50.5	56.4	49.6
01:00 PM - 02:00 PM	49.7	57.6	48.9
02:00 PM - 03:00 PM	50.4	60.6	49.4
03:00 PM - 04:00 PM	50.0	59.0	49.0
04:00 PM - 05:00 PM	49.8	56.4	49.2
Leq Average 8 hrs. (dB(A))	51.0		
Lmax (dB(A))		67.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมสามารถขอผลได้ในเวลา 1 ชั่วโมง			

Technical Management

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465438-1

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

Page 1 of 1

Sample Number : 25107391-8
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Boiler Feed Pump Area Block 2
Measurement Date : Nov 27, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	49.8	56.7	49.3
06:00 PM - 07:00 PM	50.1	53.1	49.6
07:00 PM - 08:00 PM	49.9	53.7	49.4
08:00 PM - 09:00 PM	49.8	53.8	49.1
09:00 PM - 10:00 PM	49.5	51.9	48.9
10:00 PM - 11:00 PM	49.6	52.4	49.2
11:00 PM - 12:00 AM	49.5	52.5	49.1
12:00 AM - 01:00 AM	50.0	53.8	49.4
Leq Average 8 hrs. (dB(A))	49.8		
Lmax (dB(A))		56.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมสามารถขอผลได้ในเวลา 1 ชั่วโมง			

Technical Management

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Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465439-1

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

Page 1 of 1

Sample Number : 25107391-9
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Boiler Feed Pump Area Block 2
Measurement Date : Nov 28, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	50.8	63.3	49.7
02:00 AM - 03:00 AM	50.6	54.3	49.8
03:00 AM - 04:00 AM	50.8	54.8	49.8
04:00 AM - 05:00 AM	51.2	57.0	50.2
05:00 AM - 06:00 AM	50.1	53.3	49.4
06:00 AM - 07:00 AM	50.2	54.9	49.5
07:00 AM - 08:00 AM	50.1	55.7	49.4
08:00 AM - 09:00 AM	50.1	55.0	49.3
Leq Average 8 hrs. (dB(A))	50.5		
Lmax (dB(A))		63.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมสามารถขอผลได้ในเวลา 1 ชั่วโมง			

Technical Management

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465440-1

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

Page 1 of 1

Sample Number : 25107391-10
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Generator Area Block2
Measurement Date : Nov 25, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	70.2	71.4	69.8
10:00 AM - 11:00 AM	70.0	71.0	69.5
11:00 AM - 12:00 PM	70.0	70.8	69.6
12:00 PM - 01:00 PM	69.9	71.0	69.6
01:00 PM - 02:00 PM	69.8	71.7	69.5
02:00 PM - 03:00 PM	69.9	71.5	69.6
03:00 PM - 04:00 PM	69.8	71.6	69.6
04:00 PM - 05:00 PM	69.8	72.3	69.5
Leq Average 8 hrs. (dB(A))	69.9		
Lmax (dB(A))		72.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมสามารถขอผลได้ในเวลา 1 ชั่วโมง			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465441-1

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

Page 1 of 1

Sample Number : 25107391-11
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Generator Area Block2
Measurement Date : Nov 25, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	69.8	70.5	69.5
06:00 PM - 07:00 PM	69.7	70.5	69.4
07:00 PM - 08:00 PM	69.8	70.7	69.4
08:00 PM - 09:00 PM	69.9	70.8	69.5
09:00 PM - 10:00 PM	70.0	71.0	69.6
10:00 PM - 11:00 PM	69.9	71.0	69.5
11:00 PM - 12:00 AM	69.9	70.9	69.5
12:00 AM - 01:00 AM	70.0	71.0	69.7
Leq Average 8 hrs. (dB(A))	69.9		
Lmax (dB(A))		71.0	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465442-1

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

Page 1 of 1

Sample Number : 25107391-12
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Generator Area Block2
Measurement Date : Nov 26, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	70.1	70.9	69.8
02:00 AM - 03:00 AM	70.1	71.0	69.9
03:00 AM - 04:00 AM	70.3	71.5	69.9
04:00 AM - 05:00 AM	70.2	71.4	69.8
05:00 AM - 06:00 AM	70.2	71.2	69.9
06:00 AM - 07:00 AM	70.4	72.3	69.9
07:00 AM - 08:00 AM	70.4	71.4	69.8
08:00 AM - 09:00 AM	70.4	71.5	69.9
Leq Average 8 hrs. (dB(A))	70.3		
Lmax (dB(A))		72.3	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465443-1

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

Page 1 of 1

Sample Number : 25107391-13
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Generator Area Block2
Measurement Date : Nov 26, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	70.4	71.3	70.2
10:00 AM - 11:00 AM	70.4	71.3	70.0
11:00 AM - 12:00 PM	70.8	72.9	69.6
12:00 PM - 01:00 PM	70.0	72.9	69.6
01:00 PM - 02:00 PM	69.8	70.6	69.6
02:00 PM - 03:00 PM	69.8	70.6	69.4
03:00 PM - 04:00 PM	69.6	70.6	69.2
04:00 PM - 05:00 PM	69.8	70.7	69.6
Leq Average 8 hrs. (dB(A))	70.1		
Lmax (dB(A))		72.9	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465444-1

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

Page 1 of 1

Sample Number : 25107391-14
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Generator Area Block2
Measurement Date : Nov 26, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	69.8	70.8	69.4
06:00 PM - 07:00 PM	69.7	70.8	69.4
07:00 PM - 08:00 PM	69.8	70.7	69.4
08:00 PM - 09:00 PM	69.9	70.9	69.4
09:00 PM - 10:00 PM	70.0	70.9	69.7
10:00 PM - 11:00 PM	70.0	70.8	69.8
11:00 PM - 12:00 AM	70.1	71.6	69.7
12:00 AM - 01:00 AM	70.2	71.4	69.7
Leq Average 8 hrs. (dB(A))	69.9		
Lmax (dB(A))		71.6	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐานของกรมส่งเสริมการค้าระหว่างประเทศ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465445-1

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

Page 1 of 1

Sample Number : 25107391-15
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Generator Area Block2
Measurement Date : Nov 27, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	70.3	71.5	69.7
02:00 AM - 03:00 AM	70.3	71.6	69.7
03:00 AM - 04:00 AM	70.3	71.5	69.8
04:00 AM - 05:00 AM	70.4	71.6	69.8
05:00 AM - 06:00 AM	70.4	71.5	69.9
06:00 AM - 07:00 AM	70.7	71.6	70.4
07:00 AM - 08:00 AM	70.7	71.7	70.5
08:00 AM - 09:00 AM	70.6	71.5	70.3
Leq Average 8 hrs. (dB(A))	70.5		
Lmax (dB(A))		71.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐาน ม.ร.บ.๒๕๖๓			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465446-1

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

Page 1 of 1

Sample Number : 25107391-16
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Generator Area Block2
Measurement Date : Nov 27, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	70.6	71.5	70.1
10:00 AM - 11:00 AM	70.6	71.6	69.9
11:00 AM - 12:00 PM	70.5	71.7	69.9
12:00 PM - 01:00 PM	70.2	71.7	69.8
01:00 PM - 02:00 PM	69.9	70.9	69.2
02:00 PM - 03:00 PM	70.1	71.2	69.4
03:00 PM - 04:00 PM	70.0	71.2	69.3
04:00 PM - 05:00 PM	69.9	71.0	69.3
Leq Average 8 hrs. (dB(A))	70.2		
Lmax (dB(A))		71.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐาน ม.ร.บ.๒๕๖๓			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465447-1

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

Page 1 of 1

Sample Number : 25107391-17
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Generator Area Block2
Measurement Date : Nov 27, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	69.8	70.9	69.2
06:00 PM - 07:00 PM	70.0	70.9	69.7
07:00 PM - 08:00 PM	70.0	71.2	69.7
08:00 PM - 09:00 PM	70.2	71.5	69.6
09:00 PM - 10:00 PM	70.5	71.4	69.8
10:00 PM - 11:00 PM	70.1	71.1	69.7
11:00 PM - 12:00 AM	70.3	72.1	70.0
12:00 AM - 01:00 AM	70.4	71.1	70.1
Leq Average 8 hrs. (dB(A))	70.2		
Lmax (dB(A))		72.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐาน ม.ร.บ.๒๕๖๓			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465448-1

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

Page 1 of 1

Sample Number : 25107391-18
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Generator Area Block2
Measurement Date : Nov 28, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	70.5	71.6	70.3
02:00 AM - 03:00 AM	70.6	71.7	70.3
03:00 AM - 04:00 AM	70.8	71.8	70.3
04:00 AM - 05:00 AM	71.0	71.9	70.6
05:00 AM - 06:00 AM	71.0	71.9	70.7
06:00 AM - 07:00 AM	70.9	71.8	70.4
07:00 AM - 08:00 AM	70.7	71.7	70.2
08:00 AM - 09:00 AM	70.8	72.1	70.2
Leq Average 8 hrs. (dB(A))	70.8		
Lmax (dB(A))		72.1	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : มาตรฐานการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียง ในทางประกอบด้วยการวัดและประเมินผลเสียงจากแหล่งกำเนิดเสียงตามมาตรฐาน ม.ร.บ.๒๕๖๓			

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Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465449-1

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

Page 1 of 1

Sample Number : 25107391-19
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Lube oil skid Block2
Measurement Date : Nov 25, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	72.6	79.5	72.3
10:00 AM - 11:00 AM	72.7	73.7	72.4
11:00 AM - 12:00 PM	72.7	73.7	72.4
12:00 PM - 01:00 PM	72.7	73.8	72.2
01:00 PM - 02:00 PM	72.6	78.3	72.2
02:00 PM - 03:00 PM	71.7	75.9	71.3
03:00 PM - 04:00 PM	72.5	77.6	71.8
04:00 PM - 05:00 PM	72.6	73.9	72.3
Leq Average 8 hrs. (dB(A))	72.5		
Lmax (dB(A))		79.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465450-1

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

Page 1 of 1

Sample Number : 25107391-20
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Lube oil skid Block2
Measurement Date : Nov 25, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	72.6	73.4	72.3
06:00 PM - 07:00 PM	72.6	73.5	72.3
07:00 PM - 08:00 PM	72.6	73.8	72.4
08:00 PM - 09:00 PM	72.6	73.5	72.3
09:00 PM - 10:00 PM	72.6	73.4	72.4
10:00 PM - 11:00 PM	72.7	73.6	72.4
11:00 PM - 12:00 AM	72.6	73.6	72.3
12:00 AM - 01:00 AM	72.6	73.5	72.3
Leq Average 8 hrs. (dB(A))	72.6		
Lmax (dB(A))		73.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465451-1

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

Page 1 of 1

Sample Number : 25107391-21
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Lube oil skid Block2
Measurement Date : Nov 26, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	72.5	73.4	72.2
02:00 AM - 03:00 AM	72.6	73.4	72.3
03:00 AM - 04:00 AM	72.6	73.4	72.3
04:00 AM - 05:00 AM	72.7	73.5	72.5
05:00 AM - 06:00 AM	72.7	73.4	72.5
06:00 AM - 07:00 AM	72.7	79.2	72.4
07:00 AM - 08:00 AM	72.7	73.5	72.4
08:00 AM - 09:00 AM	72.6	73.3	72.4
Leq Average 8 hrs. (dB(A))	72.6		
Lmax (dB(A))		79.2	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465452-1

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

Page 1 of 1

Sample Number : 25107391-22
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Lube oil skid Block2
Measurement Date : Nov 26, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	72.6	73.7	72.4
10:00 AM - 11:00 AM	72.6	73.4	72.3
11:00 AM - 12:00 PM	72.9	80.5	72.5
12:00 PM - 01:00 PM	73.0	74.0	72.7
01:00 PM - 02:00 PM	72.8	74.0	72.4
02:00 PM - 03:00 PM	72.7	74.1	72.2
03:00 PM - 04:00 PM	72.5	73.7	72.0
04:00 PM - 05:00 PM	72.6	73.9	72.1
Leq Average 8 hrs. (dB(A))	72.7		
Lmax (dB(A))		80.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมตามมาตรฐานของกรมควบคุมมลพิษ			

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465453-1

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

Page 1 of 1

Sample Number : 25107391-23
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Lube oil skid Block2
Measurement Date : Nov 26, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	72.5	73.5	72.1
06:00 PM - 07:00 PM	72.6	73.4	72.4
07:00 PM - 08:00 PM	72.6	73.8	72.4
08:00 PM - 09:00 PM	72.6	73.5	72.3
09:00 PM - 10:00 PM	72.6	75.8	72.3
10:00 PM - 11:00 PM	72.7	73.5	72.3
11:00 PM - 12:00 AM	72.6	73.8	72.2
12:00 AM - 01:00 AM	72.6	73.4	72.3
Leq Average 8 hrs. (dB(A))	72.6		
Lmax (dB(A))		75.8	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมในสถานประกอบการในกรุงเทพมหานคร พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465454-1

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

Page 1 of 1

Sample Number : 25107391-24
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Lube oil skid Block2
Measurement Date : Nov 27, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	72.6	73.5	72.4
02:00 AM - 03:00 AM	72.7	73.5	72.4
03:00 AM - 04:00 AM	72.8	73.7	72.5
04:00 AM - 05:00 AM	72.7	73.4	72.4
05:00 AM - 06:00 AM	72.7	73.5	72.4
06:00 AM - 07:00 AM	72.7	73.5	72.3
07:00 AM - 08:00 AM	72.6	73.4	72.2
08:00 AM - 09:00 AM	72.6	73.4	72.2
Leq Average 8 hrs. (dB(A))	72.7		
Lmax (dB(A))		73.7	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมในสถานประกอบการในกรุงเทพมหานคร พ.ศ.2562			

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465455-1

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

Page 1 of 1

Sample Number : 25107391-25
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Lube oil skid Block2
Measurement Date : Nov 27, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM	72.6	73.4	72.2
10:00 AM - 11:00 AM	72.5	73.4	72.2
11:00 AM - 12:00 PM	72.5	76.5	72.3
12:00 PM - 01:00 PM	72.6	73.3	72.4
01:00 PM - 02:00 PM	72.7	73.4	72.4
02:00 PM - 03:00 PM	72.5	73.3	72.3
03:00 PM - 04:00 PM	72.5	73.3	72.2
04:00 PM - 05:00 PM	72.4	73.2	72.1
Leq Average 8 hrs. (dB(A))	72.5		
Lmax (dB(A))		76.5	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมในสถานประกอบการในกรุงเทพมหานคร พ.ศ.2562			

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhloi, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465456-1

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

Page 1 of 1

Sample Number : 25107391-26
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Lube oil skid Block2
Measurement Date : Nov 27, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	72.3	73.2	72.1
06:00 PM - 07:00 PM	72.3	73.1	72.1
07:00 PM - 08:00 PM	72.4	73.2	72.1
08:00 PM - 09:00 PM	72.4	73.1	72.1
09:00 PM - 10:00 PM	72.4	73.4	72.0
10:00 PM - 11:00 PM	72.6	73.4	72.3
11:00 PM - 12:00 AM	72.5	73.4	72.1
12:00 AM - 01:00 AM	72.5	73.4	72.1
Leq Average 8 hrs. (dB(A))	72.4		
Lmax (dB(A))		73.4	
Standard (dB(A))	90	140	
Reference Method : Based on ISO1996-1 and 1996-2			
Standard : หน่วยงานตรวจสอบคุณภาพสิ่งแวดล้อม กรุงเทพมหานคร			
ในการตรวจสอบคุณภาพสิ่งแวดล้อมในสถานประกอบการในกรุงเทพมหานคร พ.ศ.2562			

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

Lot ID: 25107391
Date Received : Nov 28, 2025
Date Reported : Dec 04, 2025
Report Number: 3465457-1

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

Page 1 of 1

Sample Number : 25107391-27
Parameter : Noise (Leq 8 hrs.)
Location : บริเวณ Steam Turbine Lube oil skid Block2
Measurement Date : Nov 28, 2025
Measurement by : Pannawit Samersub

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 AM - 02:00 AM	72.4	73.4	72.0
02:00 AM - 03:00 AM	72.3	73.4	71.7
03:00 AM - 04:00 AM	72.3	73.6	71.7
04:00 AM - 05:00 AM	72.3	73.6	71.6
05:00 AM - 06:00 AM	72.2	73.6	71.5
06:00 AM - 07:00 AM	71.9	73.5	71.4
07:00 AM - 08:00 AM	71.8	73.0	71.4
08:00 AM - 09:00 AM	71.8	78.7	71.4

Leq Average 8 hrs. (dB(A)) : 72.1

Lmax (dB(A)) : 78.7

Standard (dB(A)) : 90

Reference Method : Based on ISO1996-1 and 1996-2

Standard : มาตรฐานการวัดและประเมินผลเสียงรบกวนตามข้อกำหนดของกรมควบคุมมลพิษ

มาตรฐานการวัดและประเมินผลเสียงรบกวนตามข้อกำหนดของกรมควบคุมมลพิษ

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

Lot ID: 2598627
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number: 3435067-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 1 of 6

Sample Number : 2598627-1
Parameter : Heat Stress (Sampling Time : 10:00 AM - 12:00 PM)
Measurement Date : Nov 10, 2025
Measurement by : Tramonthon Tipwan
Location : บริเวณโรงงาน 1 พื้นที่ (สำหรับอาคาร 1) - อาคาร : -

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Boiler Drum (HRSG 11)	120	29.2	26.0	36.8	36.3
Average (WBGT)		29.2			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guidelines:

- 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)
- 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

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110

Lot ID: 2598627
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number: 3435067-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 2 of 6

Sample Number : 2598627-2
Parameter : Heat Stress (Sampling Time : 10:00 AM - 12:00 PM)
Measurement Date : Nov 10, 2025
Measurement by : Tramonthon Tipwan
Location : บริเวณโรงงาน 1 พื้นที่ (สำหรับอาคาร 1) - อาคาร : -

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Boiler Drum (HRSG 12)	120	29.3	26.2	36.5	36.4
Average (WBGT)		29.3			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guidelines:

- 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)
- 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

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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Lot ID: 2598627
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number: 3435067-1

P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Page 3 of 6

Sample Number : 2598627-3
Parameter : Heat Stress (Sampling Time : 10:00 AM - 12:00 PM)
Measurement Date : Nov 10, 2025
Measurement by : Tramonthon Tipwan
Location : บริเวณโรงงาน 1 พื้นที่ (สำหรับอาคาร 1) - อาคาร : -

Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Boiler Drum (HRSG 21)	120	30.0	27.1	36.8	36.2
Average (WBGT)		30.0			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guidelines:

- 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)
- 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

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598627
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number: 3435067-1

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Sample Number	2598627-4				
Parameter	Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)				
Measurement Date	Nov 10, 2025				
Measurement by	Tramonthon Tipwan				
Location	ปล่องควัน 1 พื้นที่ (ปล่องควัน 4 มุมปล่องควัน : - แทน : -)				
Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Boiler Drum (HRSG 22)	120	29.8	27.0	36.6	36.1
Average (WBGT)		29.8			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

- 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)
- 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

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598627
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number: 3435067-1

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Sample Number	2598627-5				
Parameter	Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)				
Measurement Date	Nov 10, 2025				
Measurement by	Tramonthon Tipwan				
Location	ปล่องควัน 1 พื้นที่ (ปล่องควัน 4 มุมปล่องควัน : - แทน : -)				
Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Steam Turbine Lube Oil Skid (Block 1)	120	29.6	27.0	35.5	35.3
Average (WBGT)		29.6			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

- 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)
- 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

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598627
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
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Sample Number	2598627-6				
Parameter	Heat Stress (Sampling Time : 10.00 AM - 12.00 PM)				
Measurement Date	Nov 10, 2025				
Measurement by	Tramonthon Tipwan				
Location	ปล่องควัน 1 พื้นที่ (ปล่องควัน 4 มุมปล่องควัน : - แทน : -)				
Location	Duration (min)	WBGT (°C)	NWB (°C)	GT (°C)	DB (°C)
Steam Turbine Lube Oil Skid (Block 2)	120	29.2	26.9	34.6	33.6
Average (WBGT)		29.2			
Guideline WBGT (°C)		34.0			

Reference Method : Wet Bulb Globe Temperature

Guideline:

- 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)
- 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

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

Lot ID: 2598626 (1)
Date Received : Nov 13, 2025
Date Reported : Nov 19, 2025
Report Number: 2598626 (1)-1 CL

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KPG										
Lay out No.	Location	Reference Number	Date	Time	No.	Illuminance (Lux) Spot	Average	Guideline Spot/Min	Limit Average	Comment
1	Area : Block 1 : Module A1	2598626 (1)-1	11-Nov-25	Day time	1	208	241	100	200	Pass
		2598626 (1)-2		Day time	2	234				
		2598626 (1)-3		Day time	3	281				
		2598626 (1)-4		Night time	1	217	252	100	200	Pass
		2598626 (1)-5		Night time	2	258				
2	Spot : Block 1 : Gas Detection Alarm Panel	2598626 (1)-7	11-Nov-25	Day time	1	210	-	200-300	-	Pass
		2598626 (1)-8		Night time	1	209	-	200-300	-	Pass
3	Spot : Block 1 : Lube Oil Purifier Power Supply	2598626 (1)-9	11-Nov-25	Day time	1	215	-	200-300	-	Pass
		2598626 (1)-10		Night time	1	212	-	200-300	-	Pass
4	Area : Block 1 : โรงผลิตน้ำมันหล่อลื่น (โรงผลิตน้ำมันหล่อลื่น HRH11-12)	2598626 (1)-11	11-Nov-25	Night time	1	52	52	25	50	Pass
		2598626 (1)-12		Night time	2	56				
		2598626 (1)-13		Night time	3	53				
		2598626 (1)-14		Night time	4	51				
		2598626 (1)-15		Night time	5	50				

Measurement by : Tramonthon Tipwan

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.115, Part 300 dated February 21 B.E.2561 (2018)

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

Lot ID: 2598626 (2)
Date Received : Nov 13, 2025
Date Reported : Nov 19, 2025
Report Number: 2598626 (2)-1 Cl

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Lay out No.	Location	Reference Number	Date	Time	No.	KPG		Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot	Average	Spot/Min	Average	
1	Area : Block 2 : Module A1	2598626 (2)-1	11-Nov-25	Day time	1	227	248	100	200			Pass
		2598626 (2)-2		Day time	2	233						
		2598626 (2)-3		Day time	3	264						
		2598626 (2)-4		Night time	1	230	252	100	200			Pass
		2598626 (2)-5		Night time	2	239						
2	Spot : Block 2 : Gas Detection Alarm Panel	2598626 (2)-6	11-Nov-25	Night time	3	287						
		2598626 (2)-7		Day time	1	215	-	200-300	-			Pass
3	Spot : Block 2 : Lube Oil Purifier Power Supply	2598626 (2)-8	11-Nov-25	Night time	1	209	-	200-300	-			Pass
		2598626 (2)-9		Day time	1	210	-	200-300	-			Pass
4	Area : Block 2 : ทาสีผนังภายนอกอาคาร (โรงบำบัดน้ำเสีย) HRH21-22	2598626 (2)-10	11-Nov-25	Night time	1	205	-	200-300	-			Pass
		2598626 (2)-11		Day time	1	62	63	25	50			Pass
		2598626 (2)-12		Night time	2	67						
		2598626 (2)-13		Day time	3	64						
		2598626 (2)-14		Night time	4	61						
5		2598626 (2)-15	11-Nov-25	Night time	5	63						
		2598626 (2)-16		Day time	1	62						

Measurement by : Trainmonthon Tipwan

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 390 dated February 21 B.E.2561 (2018)

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

Lot ID: 2598626 (3)
Date Received : Nov 13, 2025
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Report Number: 2598626 (3)-1 Cl

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Lay out No.	Location	Reference Number	Date	Time	No.	KPG		Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot	Average	Spot/Min	Average	
1	Spot : Security Office : โต๊ะทำงาน	2598626 (3)-1	11-Nov-25	Day time	1	403	-	400-500	-			Pass
		2598626 (3)-2		Night time	1	404	-	400-500	-			Pass
4	Area : Security Office : ทางเดินหน้าห้องตรวจ	2598626 (3)-3	11-Nov-25	Day time	1	248	229	50	100			Pass
		2598626 (3)-4		Day time	2	210						
		2598626 (3)-5		Night time	1	141	163	50	100			Pass
		2598626 (3)-6		Night time	2	185						
5	Area : Security Office : ห้องประชุม/โสตทัศนศึกษา	2598626 (3)-7	11-Nov-25	Day time	1	1,302	1196	150	300			Pass
		2598626 (3)-8		Day time	2	1,091						
		2598626 (3)-9		Night time	1	1,170	1114	150	300			Pass
		2598626 (3)-10		Night time	2	1,058						

Measurement by : Trainmonthon Tipwan

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 390 dated February 21 B.E.2561 (2018)

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

Lot ID: 2598626 (4)
Date Received : Nov 13, 2025
Date Reported : Nov 19, 2025
Report Number: 2598626 (4)-1 Cl

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Lay out No.	Location	Reference Number	Date	Time	No.	KPG		Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot	Average	Spot/Min	Average	
1	Spot : Water Treatment Plant : Laboratory Room Com 1	2598626 (4)-1	11-Nov-25	Day time	1	405	-	400-500	-			Pass
2	Spot : Water Treatment Plant : Laboratory Room Com 2	2598626 (4)-2	11-Nov-25	Day time	1	420	-	400-500	-			Pass
3	Spot : Water Treatment Plant : Room Lab Table 1	2598626 (4)-3	11-Nov-25	Day time	1	408	-	400-500	-			Pass
4	Spot : Water Treatment Plant : Room Lab Table 2	2598626 (4)-4	11-Nov-25	Day time	1	405	-	400-500	-			Pass

Measurement by : Trainmonthon Tipwan

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 390 dated February 21 B.E.2561 (2018)

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

Lot ID: 2598626 (5)
Date Received : Nov 13, 2025
Date Reported : Nov 19, 2025
Report Number: 2598626 (5)-1 Cl

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Lay out No.	Location	Reference Number	Date	Time	No.	KPG		Illuminance (Lux)		Guideline Limit		Comment
						Spot	Average	Spot	Average	Spot/Min	Average	
8	Spot : อาคาร Admin : ชั้น 1 : EH & Section Com 1	2598626 (5)-1	11-Nov-25	Day time	1	410	-	400-500	-			Pass
9	Spot : อาคาร Admin : ชั้น 1 : EH & Section Com 2	2598626 (5)-2	11-Nov-25	Day time	1	409	-	400-500	-			Pass
12	Area : อาคาร Admin : ชั้น 1 : Library Room บริเวณโต๊ะรับส่งพัสดุ/พัสดุส่ง	2598626 (5)-3	11-Nov-25	Day time	1	284	302	25	50			Pass
		2598626 (5)-4		Day time	2	320						
13	Area : อาคาร Admin : ชั้น 1 : Lobby บริเวณโต๊ะ Lobby ชั้น 1	2598626 (5)-5	11-Nov-25	Day time	1	361	400	50	100			Pass
		2598626 (5)-6		Day time	2	386						
		2598626 (5)-7		Day time	3	414						
		2598626 (5)-8		Day time	4	440						
14	Area : อาคาร Admin : ชั้น 1 : Meeting Room บริเวณโถงประชุม	2598626 (5)-9	11-Nov-25	Day time	1	515	538	150	300			Pass
		2598626 (5)-10		Day time	2	523						
		2598626 (5)-11		Day time	3	540						
		2598626 (5)-12		Day time	4	575						
15	Spot : อาคาร Admin : ชั้น 1 : Procurement Room Com 1	2598626 (5)-13	11-Nov-25	Day time	1	410	-	400-500	-			Pass
16	Spot : อาคาร Admin : ชั้น 1 : Procurement Room Com 2	2598626 (5)-14	11-Nov-25	Day time	1	415	-	400-500	-			Pass
17	Area : อาคาร Admin : ชั้น 1 : โรงเก็บขยะ	2598626 (5)-15	11-Nov-25	Day time	1	313	309	150	300			Pass
		2598626 (5)-16		Day time	2	305						
18	Spot : อาคาร Admin : ชั้น 1 : HR & Admin Office Com 1	2598626 (5)-17	11-Nov-25	Day time	1	410	-	400-500	-			Pass
19	Spot : อาคาร Admin : ชั้น 1 : HR & Admin Office Com 2	2598626 (5)-18	11-Nov-25	Day time	1	415	-	400-500	-			Pass
20	Spot : อาคาร Admin : ชั้น 1 : HR & Admin Office Com 3	2598626 (5)-19	11-Nov-25	Day time	1	477	-	400-500	-			Pass
21	Spot : อาคาร Admin : ชั้น 1 : HR & Admin Office Com 4	2598626 (5)-20	11-Nov-25	Day time	1	415	-	400-500	-			Pass

Measurement by : Trainmonthon Tipwan

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 390 dated February 21 B.E.2561 (2018)

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

Lot ID: 2598626 (6)
Date Received : Nov 13, 2025
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Report Number: 2598626 (6)-1 Cl

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Lay out No.	Location	Reference Number	Date	Time	No.	KPG		Guideline Limit	Comment
						Illuminance (Lux)	Spot/Average		
4	Spot : anons Admin : ชั้น 2 : Plant Manager Room Com 1	2598626 (6)-1	11-Nov-25	Day time	1	584	-	400-500	Pass
6	Spot : anons Admin : ชั้น 2 : POWER DEVELOPMENT FUND SARABURI 1 (ROOM 2) : ห้องควบคุมเครื่อง 1	2598626 (6)-2	11-Nov-25	Day time	1	405	-	400-500	Pass
7	Spot : anons Admin : ชั้น 2 : POWER DEVELOPMENT FUND SARABURI 1 (ROOM 2) : ห้องควบคุมเครื่อง 2	2598626 (6)-3	11-Nov-25	Day time	1	415	-	400-500	Pass
8	Spot : anons Admin : ชั้น 2 : ห้องควบคุมเครื่องเครื่องไฟฟ้าโรงงานไฟฟ้าพลังงาน 2 Table 1	2598626 (6)-4	11-Nov-25	Day time	1	415	-	400-500	Pass
9	Spot : anons Admin : ชั้น 2 : ห้องควบคุมเครื่องเครื่องไฟฟ้าโรงงานไฟฟ้าพลังงาน 2 Table 2	2598626 (6)-5	11-Nov-25	Day time	1	456	-	400-500	Pass

Measurement by : Trainomthon Tipwan

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 390 dated February 21 B.E.2561 (2018)

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

Lot ID: 2598626 (7)
Date Received : Nov 13, 2025
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Report Number: 2598626 (7)-1 Cl

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Lay out No.	Location	Reference Number	Date	Time	No.	KPG		Guideline Limit	Comment
						Illuminance (Lux)	Spot/Average		
5	Spot : anons Control Room : Com 1	2598626 (7)-1	11-Nov-25	Day time	1	404	-	400-500	Pass
		2598626 (7)-2	11-Nov-25	Night time	1	405	-	400-500	Pass
6	Spot : anons Control Room : Com 2	2598626 (7)-3	11-Nov-25	Day time	1	405	-	400-500	Pass
		2598626 (7)-4	11-Nov-25	Night time	1	406	-	400-500	Pass
7	Spot : anons Control Room : Com 3	2598626 (7)-5	11-Nov-25	Day time	1	402	-	400-500	Pass
		2598626 (7)-6	11-Nov-25	Night time	1	403	-	400-500	Pass
8	Spot : anons Control Room : Com 4	2598626 (7)-7	11-Nov-25	Day time	1	405	-	400-500	Pass
		2598626 (7)-8	11-Nov-25	Night time	1	405	-	400-500	Pass
11	Spot : anons Control Room : Operation Manager Room Com 1	2598626 (7)-9	11-Nov-25	Day time	1	405	-	400-500	Pass
12	Spot : anons Control Room : Operation Manager Room Com 2	2598626 (7)-10	11-Nov-25	Day time	1	410	-	400-500	Pass
13	Area : anons Control Room : Fitness Room	2598626 (7)-11	11-Nov-25	Day time	1	404	380	50	100
		2598626 (7)-12	11-Nov-25	Day time	2	349			
		2598626 (7)-13	11-Nov-25	Day time	3	377			
		2598626 (7)-14	11-Nov-25	Day time	4	390			

Measurement by : Trainomthon Tipwan

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 390 dated February 21 B.E.2561 (2018)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110
P/O :
Project Name : Monitoring EIA
Project Location: KPG

Lot ID: 2598626 (8)
Date Received : Nov 13, 2025
Date Reported : Nov 19, 2025
Report Number: 2598626 (8)-1 Cl

Page 1 of 1

Lay out No.	Location	Reference Number	Date	Time	No.	KPG		Guideline Limit	Comment
						Illuminance (Lux)	Spot/Average		
1	Spot : Water Treatment Plant : Water Treatment Plant Control Room Com 1	2598626 (8)-1	11-Nov-25	Day time	1	447	-	400-500	Pass
2	Spot : Water Treatment Plant : Water Treatment Plant Control Room Com 2	2598626 (8)-2	11-Nov-25	Day time	1	405	-	400-500	Pass

Measurement by : Trainomthon Tipwan

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 390 dated February 21 B.E.2561 (2018)

Technical Management

Supot Salameh
Section Head

Approved by

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110
P/O :
Project Name : Monitoring EIA
Project Location: KPG

Lot ID: 2598626 (9)
Date Received : Nov 13, 2025
Date Reported : Nov 19, 2025
Report Number: 2598626 (9)-1 Cl

Page 1 of 2

Lay out No.	Location	Reference Number	Date	Time	No.	KPG		Guideline Limit	Comment
						Illuminance (Lux)	Spot/Average		
1	Spot : Maintenance Building : Ground Floor : Electrical Room 1 : ห้องควบคุมเครื่อง 1	2598626 (9)-1	11-Nov-25	Day time	1	405	-	400-500	Pass
2	Spot : Maintenance Building : Ground Floor : Electrical Room 1 : ห้องควบคุมเครื่อง 2	2598626 (9)-2	11-Nov-25	Day time	1	410	-	400-500	Pass
3	Spot : Maintenance Building : Ground Floor : Electrical Room 1 : ห้องควบคุมเครื่อง 3	2598626 (9)-3	11-Nov-25	Day time	1	405	-	400-500	Pass
4	Spot : Maintenance Building : Ground Floor : Electrical Room 1 : ห้องควบคุมเครื่อง 4	2598626 (9)-4	11-Nov-25	Day time	1	410	-	400-500	Pass
5	Area : Maintenance Building : Ground Floor : Control Room : ห้องควบคุมเครื่อง 1	2598626 (9)-5	11-Nov-25	Day time	1	236	242	100	200
		2598626 (9)-6	11-Nov-25	Day time	2	248			
6	Spot : Maintenance Building : Ground Floor : Calibration Room 1 : ห้องควบคุมเครื่อง 2	2598626 (9)-7	11-Nov-25	Day time	1	408	-	400-500	Pass
7	Area : Maintenance Building : Ground Floor : Control Room : ห้องควบคุมเครื่อง 1	2598626 (9)-8	11-Nov-25	Day time	1	305	338	150	300
		2598626 (9)-9	11-Nov-25	Day time	2	307			
		2598626 (9)-10	11-Nov-25	Day time	3	304			
		2598626 (9)-11	11-Nov-25	Day time	4	304			
		2598626 (9)-12	11-Nov-25	Day time	5	493			
		2598626 (9)-13	11-Nov-25	Day time	6	312			
8	Spot : Maintenance Building : Ground Floor : Control & Instrument Room 1 : ห้องควบคุมเครื่อง 1	2598626 (9)-14	11-Nov-25	Day time	1	405	-	400-500	Pass
9	Spot : Maintenance Building : Ground Floor : Control & Instrument Room 1 : ห้องควบคุมเครื่อง 2	2598626 (9)-15	11-Nov-25	Day time	1	410	-	400-500	Pass
10	Spot : Maintenance Building : Ground Floor : Control & Instrument Room 2 : ห้องควบคุมเครื่อง 1	2598626 (9)-16	11-Nov-25	Day time	1	404	-	400-500	Pass
11	Spot : Maintenance Building : Ground Floor : Workshop Office : ห้องควบคุมเครื่อง 1	2598626 (9)-17	11-Nov-25	Day time	1	410	-	400-500	Pass
12	Area : Maintenance Building : Ground Floor : Fuel Store : ห้องควบคุมเครื่อง 1	2598626 (9)-18	11-Nov-25	Day time	1	105	123	50	100
		2598626 (9)-19	11-Nov-25	Day time	2	141			

Technical Management

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110
P/O :
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598626 (9)
Date Received : Nov 13, 2025
Date Reported : Nov 19, 2025
Report Number : 2598626 (9)-1 Cl

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Lay out No.	Location	Reference Number	Date	KPG		No.	Illuminance (Lux)		Illuminance Limit		Comment
				Time			Spot	Average	Spot/Min	Average	
13	Area : Maintenance Building : Ground Floor : วัสดุ Store : วัสดุ Spare Part Rack 381	2598626 (9)-20	11-Nov-25	Day time	1	135	143	50	100	Pass	
		2598626 (9)-21	11-Nov-25	Day time	2	144					
		2598626 (9)-22	11-Nov-25	Day time	3	177					
		2598626 (9)-23	11-Nov-25	Day time	4	115					
14	Area : Maintenance Building : Ground Floor : วัสดุ Store : วัสดุ Spare Part Rack 381	2598626 (9)-24	11-Nov-25	Day time	1	205	205	100	200	Pass	
		2598626 (9)-25	11-Nov-25	Day time	2	204					
		2598626 (9)-26	11-Nov-25	Day time	3	208					
		2598626 (9)-27	11-Nov-25	Day time	4	202					
15	Area : Maintenance Building : Ground Floor : วัสดุ Store : วัสดุ Spare Part Rack 381	2598626 (9)-28	11-Nov-25	Day time	1	250	221	100	200	Pass	
		2598626 (9)-29	11-Nov-25	Day time	2	254					
		2598626 (9)-30	11-Nov-25	Day time	3	245					
		2598626 (9)-31	11-Nov-25	Day time	4	235					
		2598626 (9)-32	11-Nov-25	Day time	5	235					
		2598626 (9)-33	11-Nov-25	Day time	6	200					
		2598626 (9)-34	11-Nov-25	Day time	7	208					
		2598626 (9)-35	11-Nov-25	Day time	8	209					
		2598626 (9)-36	11-Nov-25	Day time	9	204					
		2598626 (9)-37	11-Nov-25	Day time	10	202					
		2598626 (9)-38	11-Nov-25	Day time	11	205					
		2598626 (9)-39	11-Nov-25	Day time	12	201					

Measurement by : Trainomthorn Tipwan

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 390 dated February 21 B.E.2561 (2018)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110
P/O :
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598626 (10)
Date Received : Nov 13, 2025
Date Reported : Nov 19, 2025
Report Number : 2598626 (10)-1 Cl

Page 1 of 1

Lay out No.	Location	Reference Number	Date	KPG		No.	Illuminance (Lux)		Illuminance Limit		Comment
				Time			Spot	Average	Spot/Min	Average	
1	Area : Maintenance Building : 1st Floor : Rack Store : Barro Spare Part Rack 2F02E	2598626 (10)-1	11-Nov-25	Day time	1	159	175	50	100	Pass	
		2598626 (10)-2	11-Nov-25	Day time	2	180					
		2598626 (10)-3	11-Nov-25	Day time	3	176					
		2598626 (10)-4	11-Nov-25	Day time	4	195					
		2598626 (10)-5	11-Nov-25	Day time	5	160					
		2598626 (10)-6	11-Nov-25	Day time	6	153					
		2598626 (10)-7	11-Nov-25	Day time	7	194					
2	Spot : Maintenance Building : 1st Floor : Mechanical Room : 1st Store : Barro Spare Part Rack 1	2598626 (10)-8	11-Nov-25	Day time	1	410	-	400-500	-	Pass	
3	Spot : Maintenance Building : 1st Floor : Mechanical Room : 1st Store : Barro Spare Part Rack 2	2598626 (10)-9	11-Nov-25	Day time	1	492	-	400-500	-	Pass	
4	Spot : Maintenance Building : 1st Floor : Mechanical Room : 1st Store : Barro Spare Part Rack 3	2598626 (10)-10	11-Nov-25	Day time	1	420	-	400-500	-	Pass	
5	Spot : Maintenance Building : 1st Floor : Mechanical Room : 1st Store : Barro Spare Part Rack 4	2598626 (10)-11	11-Nov-25	Day time	1	404	-	400-500	-	Pass	
6	Spot : Maintenance Building : 1st Floor : Maintenance Manager : 1st Store : Barro Spare Part Rack 1	2598626 (10)-12	11-Nov-25	Day time	1	404	-	400-500	-	Pass	
7	Spot : Maintenance Building : 1st Floor : Maintenance Manager : 1st Store : Barro Spare Part Rack 2	2598626 (10)-13	11-Nov-25	Day time	1	420	-	400-500	-	Pass	
8	Area : Maintenance Building : 1st Floor : Meeting Room	2598626 (10)-14	11-Nov-25	Day time	1	305	351	150	300	Pass	
		2598626 (10)-15	11-Nov-25	Day time	2	302					
		2598626 (10)-16	11-Nov-25	Day time	3	304					
		2598626 (10)-17	11-Nov-25	Day time	4	479					
		2598626 (10)-18	11-Nov-25	Day time	5	359					
		2598626 (10)-19	11-Nov-25	Day time	6	358					

Measurement by : Trainomthorn Tipwan

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 390 dated February 21 B.E.2561 (2018)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563491
Date Received : Aug 08, 2025
Date Reported : Aug 13, 2025
Report Number : 3350020-1

Page 1 of 4

Sample Number	Sampled Date	Sample Description	Location	Personal Sampling	Date Analysis Commenced	Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
2563491-1	Aug 05, 2025	Noise Dose	พื้นที่งาน Maintenance 1 (บน MM)	จุดวัดเสียง สทพธ	Aug 11, 2025	Air Testing	08:31 AM - 04:31 PM	%	-	1	1.3	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
2563491-2	Aug 05, 2025	Noise Dose	พื้นที่งาน Maintenance 2 (บน ME)	จุดวัดเสียง สทพธ	Aug 11, 2025	Air Testing	08:29 AM - 04:29 PM	%	-	1	8.5	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
2563491-3	Aug 05, 2025	Noise Dose	พื้นที่งาน Maintenance 3 (บน ME)	จุดวัดเสียง สทพธ	Aug 11, 2025	Air Testing	08:29 AM - 04:29 PM	%	-	1	74.3	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)
Sampled By : Phongsri Somkiew

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 : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaeng Khoi, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563491
Date Received : Aug 08, 2025
Date Reported : Aug 13, 2025
Report Number : 3350020-1

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Sample Number	Sampled Date	Sample Description	Location	Personal Sampling	Date Analysis Commenced	Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
2563491-1	Aug 05, 2025	Noise Dose	พื้นที่งาน Maintenance 1 (บน MM)	จุดวัดเสียง สทพธ	Aug 11, 2025	Air Testing	08:31 AM - 04:31 PM	%	-	1	1.3	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
2563491-2	Aug 05, 2025	Noise Dose	พื้นที่งาน Maintenance 2 (บน ME)	จุดวัดเสียง สทพธ	Aug 11, 2025	Air Testing	08:29 AM - 04:29 PM	%	-	1	8.5	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
2563491-3	Aug 05, 2025	Noise Dose	พื้นที่งาน Maintenance 3 (บน ME)	จุดวัดเสียง สทพธ	Aug 11, 2025	Air Testing	08:29 AM - 04:29 PM	%	-	1	74.3	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :
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Analysis / Test Report

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64 Moo.2 Moobun Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563491
Date Received : Aug 06, 2025
Date Reported : Aug 13, 2025
Report Number : 3350020-1

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Sample Number : 2563491-3
Sampled Date : Aug 05, 2025
Sample Description : Noise Dose
Location : พนักงาน Maintenance 3 (ฐาน MI)
Personal Sampling : พนักงานดูแลรักษา
Date Analysis Commenced : Aug 11, 2025

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:29 AM - 04:29 PM	%	-	1	3.6	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	08:29 AM - 04:29 PM	dB(A)	-	-	70.5	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)
Sampled By : Phongsin Somkiew

Remark :
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
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P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563491
Date Received : Aug 06, 2025
Date Reported : Aug 13, 2025
Report Number : 3350020-1

Page 4 of 4

Sample Number : 2563491-4
Sampled Date : Aug 05, 2025
Sample Description : Noise Dose
Location : พนักงาน Maintenance 4 (ฐาน Warehouse)
Personal Sampling : พนักงานดูแลรักษา
Date Analysis Commenced : Aug 11, 2025

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	08:31 AM - 04:31 PM	%	-	1	<1	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	08:31 AM - 04:31 PM	dB(A)	-	-	63.6	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

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Sampled By : Phongsin Somkiew

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Moobun Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563492
Date Received : Aug 06, 2025
Date Reported : Aug 13, 2025
Report Number : 3350021-1

Page 1 of 4

Sample Number : 2563492-1
Sampled Date : Aug 05, 2025
Sample Description : Noise Dose
Location : พนักงาน Operator 1
Personal Sampling : พนักงานดูแลรักษา
Date Analysis Commenced : Aug 11, 2025

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Luv)	07:14 AM - 07:14 PM	%	-	-	9.6	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:14 AM - 07:14 PM	%	-	1	8.7	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Luv)	07:14 AM - 07:14 PM	dB(A)	-	-	72.8	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:14 AM - 07:14 PM	dB(A)	-	-	74.4	85	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok

Guideline :
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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 : Phongsin Somkiew
Remark :
- LOD : Limit of Detection
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Analysis / Test Report

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64 Moo.2 Moobun Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563492
Date Received : Aug 06, 2025
Date Reported : Aug 13, 2025
Report Number : 3350021-1

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Sample Number : 2563492-2
Sampled Date : Aug 05, 2025
Sample Description : Noise Dose
Location : พนักงาน Operator 2
Personal Sampling : พนักงานดูแลรักษา
Date Analysis Commenced : Aug 11, 2025

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Luv)	07:14 AM - 07:14 PM	%	-	-	87.1	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:14 AM - 07:14 PM	%	-	1	83.2	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Luv)	07:14 AM - 07:14 PM	dB(A)	-	-	82.4	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:14 AM - 07:14 PM	dB(A)	-	-	84.2	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 : Phongsin Somkiew
Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. The report shall not be reproduced except in full without the written approval of the laboratory.

Approved by
Wichan Choonharat
Assistant Manager

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4891-7U/ENAL



Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563492
Date Received : Aug 08, 2025
Date Reported : Aug 13, 2025
Report Number : 3350021-1

Page 3 of 4

Sample Number : 2563492-3
Sampled Date : Aug 05, 2025
Sample Description : Noise Dose
Location : พนักงาน Operator 3
Personal Sampling : ผลลัพธ์รวม
Date Analysis Commenced : Aug 11, 2025

Analyte	Sampled Date/Time	Unit	LDD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Luv)	07:14 AM - 07:14 PM	%	-	-	56.2	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:14 AM - 07:14 PM	%	-	1	53.7	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Luv)	07:14 AM - 07:14 PM	dB(A)	-	-	80.5	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:14 AM - 07:14 PM	dB(A)	-	-	82.3	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 : Phongsini Somkaew

Remark :

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

Approved by

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Wichan Choonharat
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310101707
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2563492
Date Received : Aug 08, 2025
Date Reported : Aug 13, 2025
Report Number : 3350021-1

Page 4 of 4

Sample Number : 2563492-4
Sampled Date : Aug 05, 2025
Sample Description : Noise Dose
Location : พนักงาน Operator 4
Personal Sampling : ผลลัพธ์รวม
Date Analysis Commenced : Aug 11, 2025

Analyte	Sampled Date/Time	Unit	LDD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (12 hrs.) (Calculated from Luv)	07:14 AM - 07:14 PM	%	-	-	93.3	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:14 AM - 07:14 PM	%	-	1	89.1	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (12 hrs.) (Calculated from Luv)	07:14 AM - 07:14 PM	dB(A)	-	-	82.7	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:14 AM - 07:14 PM	dB(A)	-	-	84.5	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 : Phongsini Somkaew

Remark :

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598623
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number : 3435049-1

Page 1 of 4

Sample Number : 2598623-1
Sampled Date : Nov 11, 2025
Sample Description : Noise Dose
Location : พนักงาน Maintenance 1 (รวม MM)
Personal Sampling : ผลลัพธ์รวม
Date Analysis Commenced : Nov 14, 2025

Analyte	Sampled Date/Time	Unit	LDD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	07:57 AM - 03:57 PM	%	-	1	6.6	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:57 AM - 03:57 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)

Sampled By : Trainonthon Tipwan

Remark :

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

Approved by

Wichan Choonharat

Wichan Choonharat
Assistant Manager

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598623
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number : 3435049-1

Page 2 of 4

Sample Number : 2598623-2
Sampled Date : Nov 11, 2025
Sample Description : Noise Dose
Location : พนักงาน Maintenance 2 (รวม ME)
Personal Sampling : ผลลัพธ์รวม
Date Analysis Commenced : Nov 14, 2025

Analyte	Sampled Date/Time	Unit	LDD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	07:57 AM - 03:57 PM	%	-	1	2.7	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:57 AM - 03:57 PM	dB(A)	-	-	69.3	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)

Sampled By : Trainonthon Tipwan

Remark :

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Analysis / Test Report

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598623
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number : 3435049-1

Page 3 of 4

Sample Number 2598623-3
Sampled Date Nov 11, 2025
Sample Description Noise Dose
Location วิทยาลัย Maintenance 3 (ursun MI)
Personal Sampling วิทยาลัย Maintenance 3
Date Analysis Commenced Nov 14, 2025

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	07:57 AM - 03:57 PM	%	-	1	2.0	No Standard	MOL Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:57 AM - 03:57 PM	dB(A)	-	-	67.9	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)
Sampled By : Trainmorthon Tipwan

Remark :
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598623
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number : 3435049-1

Page 4 of 4

Sample Number 2598623-4
Sampled Date Nov 11, 2025
Sample Description Noise Dose
Location วิทยาลัย Maintenance 4 (ursun Warehouse)
Personal Sampling วิทยาลัย Maintenance 4
Date Analysis Commenced Nov 14, 2025

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Noise Dose (8 hrs.)	07:57 AM - 03:57 PM	%	-	1	5.2	No Standard	MOL Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:57 AM - 03:57 PM	dB(A)	-	-	72.2	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)
Sampled By : Trainmorthon Tipwan

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

Approved by 
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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598624
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number : 3435055-1

Page 1 of 4

Sample Number 2598624-1
Sampled Date Nov 11, 2025
Sample Description Noise Dose
Location วิทยาลัย Operator 1
Personal Sampling วิทยาลัย Operator 1
Date Analysis Commenced Nov 14, 2025

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	%	-	-	9.8	No Standard	MOL Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	9.3	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)	-	-	72.9	83*	MOL Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	74.7	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 : Trainmorthon Tipwan
Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598624
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number : 3435055-1

Page 2 of 4

Sample Number 2598624-2
Sampled Date Nov 11, 2025
Sample Description Noise Dose
Location วิทยาลัย Operator 2
Personal Sampling วิทยาลัย Operator 2
Date Analysis Commenced Nov 14, 2025

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	%	-	-	4.3	No Standard	MOL Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	4.1	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)	-	-	69.3	83*	MOL Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	71.1	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 : Trainmorthon Tipwan
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

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598624
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number : 3435055-1

Page 3 of 4

Sample Number : 2598624-3
Sampled Date : Nov 11, 2025
Sample Description : Noise Dose
Location : พนักงาน Operator 3
Personal Sampling : ผลการวัด เสียง
Date Analysis Commenced : Nov 14, 2025

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	%	-	-	1.6	No Standard	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
Noise Dose (8 hrs.)	07:00 AM - 07:00 PM	%	-	1	1.5	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)	-	-	65.0	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	66.8	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 : Trainmorthon Tipawan

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

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Assistant Manager

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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598624
Date Received : Nov 13, 2025
Date Reported : Nov 17, 2025
Report Number : 3435055-1

Page 4 of 4

Sample Number : 2598624-4
Sampled Date : Nov 11, 2025
Sample Description : Noise Dose
Location : พนักงาน Operator 4
Personal Sampling : ผลการวัด เสียง
Date Analysis Commenced : Nov 14, 2025

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	%	-	-	<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	<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)	-	-	51.5	83*	MOL, Department Labour Protection and Welfare (B.E.2561)	MOL	Bangkok
TWA (8 hrs.)	07:00 AM - 07:00 PM	dB(A)	-	-	53.3	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 : Trainmorthon Tipawan

Remark :
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Analysis / Test Report

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64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

Page 1 of 10

Sample Number : 2598625-1
Sampled Date : Nov 12, 2025
Sample Description : Air Quality
Location : Demin Plant
Date Analysis Commenced : Nov 14, 2025
Condition of Sample : Drawn into two filter paper placed in plastic cassettes and one sorbent tube, refrigerated
Barometric Pressure : 759 mmHg
Atmospheric Temperature : 29.6 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Sodium hydroxide as NaOH	09:25 AM - 11:25 AM	mg/m3	-	0.05	<0.05	2	NIOSH (1994), 7401	MOL	Bangkok
Sulfuric acid	09:25 AM - 11:25 AM	mg/m3	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok
Metals Testing									
Sodium bisulfite	09:25 AM - 11:25 AM	mg/m3	-	0.30	<0.30	5	NIOSH (2003), 7301	MOL	Bangkok

Guideline :

MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)

Sampled By : Trainmorthon Tipawan

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

Approved by
Drirawan Rubyong
Scientist (3)

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Analysis / Test Report

Client : Kaeng Khoi Power Generation Company Limited
64 Moo.2 Mooban Pangko, Banpa, Kaengkhoh, Saraburi Thailand 18110
P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

Page 2 of 10

Sample Number : 2598625-2
Sampled Date : Nov 12, 2025
Sample Description : Air Quality
Location : Water Treatment Plant
Date Analysis Commenced : Nov 14, 2025
Condition of Sample : Drawn into two filter paper placed in plastic cassettes and one sorbent tube, refrigerated
Barometric Pressure : 759 mmHg
Atmospheric Temperature : 29.4 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Chlorine as NaOCl	09:15 AM - 11:15 AM	ppm	-	0.10	<0.10	1(C)	Based on OSHA, ID 101	MOL	Bangkok
Sulfuric acid	09:15 AM - 11:15 AM	mg/m3	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok
Metals Testing									
Iron(III) chloride	09:15 AM - 11:15 AM	mg/m3	-	0.01	<0.01	No Standard	NIOSH (2003), 7301	-	Bangkok

Guideline :

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Sampled By : Trainmorthon Tipawan

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

Page 3 of 10

Sample Number 2598625-3
Sampled Date Nov 12, 2025
Sample Description Air Quality
Location Boiler Chemical Storage Room Block 1
Date Analysis Commenced Nov 14, 2025
Condition of Sample Drawn into one filter paper placed in plastic cassette and one sorbent tube, refrigerated
Barometric Pressure 759 mmHg
Atmospheric Temperature 30.6 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ammonia	01:20 PM - 03:20 PM	ppm	-	0.10	1.8	50	Based on NIOSH (1994), 6015	MOL	Bangkok
Metals Testing									
Triiodium phosphite (Na3PO4)	01:20 PM - 03:20 PM	mg/m3	-	0.02	<0.02	No Standard	NIOSH (2003), 7301	-	Bangkok

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Trainorthon Tipawan

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

Page 4 of 10

Sample Number 2598625-4
Sampled Date Nov 12, 2025
Sample Description Air Quality
Location Boiler Chemical Storage Room Block 2
Date Analysis Commenced Nov 14, 2025
Condition of Sample Drawn into one filter paper placed in plastic cassette and one sorbent tube, refrigerated
Barometric Pressure 759 mmHg
Atmospheric Temperature 30.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Ammonia	01:30 PM - 03:30 PM	ppm	-	0.10	1.6	50	Based on NIOSH (1994), 6015	MOL	Bangkok
Metals Testing									
Triiodium phosphite (Na3PO4)	01:30 PM - 03:30 PM	mg/m3	-	0.02	0.12	No Standard	NIOSH (2003), 7301	-	Bangkok

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Trainorthon Tipawan

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

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Sample Number 2598625-5
Sampled Date Nov 12, 2025
Sample Description Air Quality
Location Cooling Tower
Date Analysis Commenced Nov 18, 2025
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 120 mmHg
Atmospheric Temperature 29.7 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Sulfuric acid	09:20 AM - 11:20 AM	mg/m3	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

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Sample Number 2598625-6
Sampled Date Nov 12, 2025
Sample Description Air Quality
Location Wastewater Treatment Plant
Date Analysis Commenced Nov 18, 2025
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 120 mmHg
Atmospheric Temperature 29.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Sulfuric acid	09:10 AM - 11:10 AM	mg/m3	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :
MOL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

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Sample Number 2598625-7
Sampled Date Nov 12, 2025
Sample Description Air Quality
Location Demin Plant
Personal Sampling การสุ่มตัวอย่างอากาศ
Date Analysis Commenced Nov 18, 2025
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 120 mmHg
Atmospheric Temperature 29.6 °C

Analyte	Sampled Date/Time	Unit	LDD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Sulfuric acid	09:25 AM - 11:25 AM	mg/m ³	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :
MCL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Trainmorthon Tipawan

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

Page 8 of 10

Sample Number 2598625-8
Sampled Date Nov 12, 2025
Sample Description Air Quality
Location Water Treatment Plant
Personal Sampling การสุ่มตัวอย่างน้ำ
Date Analysis Commenced Nov 18, 2025
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 120 mmHg
Atmospheric Temperature 29.4 °C

Analyte	Sampled Date/Time	Unit	LDD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Sulfuric acid	09:15 AM - 11:15 AM	mg/m ³	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :
MCL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Trainmorthon Tipawan

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

Page 9 of 10

Sample Number 2598625-9
Sampled Date Nov 12, 2025
Sample Description Air Quality
Location Cooling Tower
Personal Sampling การสุ่มตัวอย่างอากาศ
Date Analysis Commenced Nov 18, 2025
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 120 mmHg
Atmospheric Temperature 29.7 °C

Analyte	Sampled Date/Time	Unit	LDD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Sulfuric acid	09:20 AM - 11:20 AM	mg/m ³	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :
MCL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
Sampled By : Trainmorthon Tipawan

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P/O : 4310102270
Project Name : Monitoring EIA
Project Location : KPG

Lot ID: 2598625
Date Received : Nov 13, 2025
Date Reported : Nov 26, 2025
Report Number : 3435056-1

Page 10 of 10

Sample Number 2598625-10
Sampled Date Nov 12, 2025
Sample Description Air Quality
Location Wastewater Treatment Plant
Personal Sampling การสุ่มตัวอย่างน้ำเสีย
Date Analysis Commenced Nov 18, 2025
Condition of Sample Drawn into one sorbent tube, refrigerated
Barometric Pressure 120 mmHg
Atmospheric Temperature 29.5 °C

Analyte	Sampled Date/Time	Unit	LDD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Sulfuric acid	09:10 AM - 11:10 AM	mg/m ³	-	0.05	<0.05	1	Based on OSHA, ID-174-SG	MOL	Bangkok

Guideline :
MCL : Announcement of the Department of Labour Protection and Welfare on Threshold Limit Values of Hazardous Chemical Substances Dated August 3, B.E. 2560 (2017)
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อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Kaeng Khoi Power Generation Company Limited

Address : 64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi, Thailand, 18110

Project Name : Monitoring EIA

Project Location : KPG

รายงานผลการวิเคราะห์แหล่งกักต่อน้ำ

ตาราง ผลการวิเคราะห์แหล่งกักต่อน้ำ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)

ชนิดแหล่งกักต่อน้ำ	ปริมาณแหล่งกักต่อน้ำ (หน่วยต่อลูกบาศก์เมตร)						
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7
Division Cyanophyta							
Class Cyanophyceae							
Order Chroococcales							
Family Chroococcaceae							
1. <i>Microcystis aeruginosa</i>	4,861,000	3,848,000	6,734,000	3,427,000	4,196,000	4,299,000	-
Order Nostocales							
Family Oscillatoriaceae							
2. <i>Lyngbya contorta</i>	10,000	-	23,000	-	-	-	-
3. <i>Lyngbya</i> sp.	-	-	-	20,000	-	-	-
4. <i>Oscillatoria anguina</i>	-	-	-	-	-	-	9,000
5. <i>Oscillatoria brevis</i>	-	-	-	-	11,000	-	-
6. <i>Oscillatoria limnetica</i>	-	-	-	-	23,000	-	-
7. <i>Oscillatoria limosa</i>	225,000	11,000	12,000	-	11,000	160,000	-
8. <i>Oscillatoria planctonica</i>	519,000	-	231,000	102,000	-	-	-
9. <i>Oscillatoria princeps</i>	10,000	-	-	-	-	-	-
10. <i>Oscillatoria</i> sp.	1,294,000	1,046,000	855,000	184,000	1,418,000	1,549,000	73,000
11. <i>Oscillatoria splendida</i>	98,000	-	-	-	-	-	-
12. <i>Oscillatoria tenuis</i>	-	-	-	10,000	-	-	9,000
13. <i>Spirulina platensis</i> .	1,637,000	3,226,000	1,686,000	2,305,000	1,609,000	3,293,000	-
14. <i>Spirulina</i> sp.	-	120,000	-	-	-	-	-

ตาราง ผลการวิเคราะห์แหล่งกักต่อน้ำ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)

(ต่อ)

ชนิดแหล่งกักต่อน้ำ	ปริมาณแหล่งกักต่อน้ำ (หน่วยต่อลูกบาศก์เมตร)						
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7
Family Nostocaceae							
15. <i>Anabaenopsis</i> sp.	20,000	22,000	173,000	10,000	112,000	80,000	-
16. <i>Cylindrospermum</i> sp.	10,000	-	127,000	10,000	-	18,000	-
17. <i>Raphidiopsis raciborskii</i>	637,000	22,000	46,000	112,000	-	214,000	-
Family Rivulariaceae							
18. <i>Calothrix</i> sp.	-	-	-	-	-	-	55,000
Division Chlorophyta							
Class Chlorophyceae							
Order Volvocales							
Family Volvocaceae							
19. <i>Eudorina elegans</i>	29,000	11,000	35,000	20,000	-	107,000	-
20. <i>Pandorina morum</i>	137,000	22,000	-	31,000	23,000	36,000	-
Order Chlorococcales							
Family Chlorococcaceae							
21. <i>Golenkinia radiata</i>	-	-	-	-	-	9,000	-
Family Hydrodictyaceae							
22. <i>Pediastrum duplex</i>	10,000	55,000	46,000	10,000	79,000	134,000	-
23. <i>Pediastrum simplex</i>	235,000	294,000	589,000	143,000	225,000	89,000	-
24. <i>Pediastrum tetras</i>	10,000	-	-	-	-	-	-
Family Coelastraceae							
25. <i>Coelastrum microporum</i>	157,000	305,000	69,000	204,000	225,000	463,000	27,000
26. <i>Coelastrum sphaericum</i>	-	-	12,000	-	34,000	18,000	-
Family Oocystaceae							
27. <i>Ankistrodesmus falcatus</i>	10,000	-	-	-	-	18,000	-
28. <i>Ankistrodesmus spiralis</i>	-	-	23,000	122,000	-	-	-
29. <i>Chlorella vulgaris</i>	20,000	-	-	-	-	18,000	-
30. <i>Dictyosphaerium pulchellum</i>	-	11,000	-	-	-	18,000	-
31. <i>Oocystis elliptica</i>	-	11,000	35,000	10,000	-	18,000	-
32. <i>Planktosphaeria gelatinosa</i>	88,000	98,000	69,000	163,000	23,000	18,000	-
33. <i>Tetraedron constrictum</i>	10,000	-	-	-	-	-	-
34. <i>Tetraedron gracile</i>	20,000	33,000	-	-	34,000	18,000	46,000
Family Scenedesmeceae							
35. <i>Actinastrum gracillimum</i>	-	-	12,000	-	-	-	-
36. <i>Actinastrum hantzschii</i>	39,000	174,000	104,000	71,000	34,000	169,000	-
37. <i>Crucigenia apiculata</i>	20,000	22,000	-	-	-	-	-
38. <i>Scenedesmus acuminatus</i>	-	-	-	20,000	-	-	-
39. <i>Scenedesmus arcuatus</i>	-	-	-	-	-	-	9,000

ตาราง ผลการวิเคราะห์แหล่งกักต่อน้ำพิษ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)

(ต่อ)

ชนิดแหล่งกักต่อน้ำพิษ	ปริมาณแหล่งกักต่อน้ำพิษ (หน่วยต่อลูกบาศก์เมตร)						
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7
40. <i>Scenedesmus armatus</i>	-	11,000	12,000	-	11,000	9,000	-
41. <i>Scenedesmus denticulatus</i>	-	33,000	12,000	-	-	-	-
42. <i>Scenedesmus dimorphus</i>	20,000	11,000	23,000	-	11,000	9,000	-
43. <i>Scenedesmus opoliensis</i>	1,029,000	1,036,000	2,033,000	153,000	135,000	98,000	-
44. <i>Scenedesmus quadricauda</i>	127,000	352,000	208,000	31,000	23,000	71,000	-
Order Zygomatales							
Family Desmidiaceae							
45. <i>Closterium gracile</i>	-	11,000	-	-	11,000	-	36,000
46. <i>Closterium lineatum</i>	-	-	-	-	-	-	9,000
47. <i>Cosmarium rectangulare</i>	-	-	-	-	-	-	9,000
48. <i>Staurastrum gracile</i>	157,000	283,000	184,000	163,000	-	-	-
49. <i>Staurastrum manfeldtii</i>	147,000	11,000	35,000	153,000	56,000	18,000	-
50. <i>Staurastrum</i> sp.	29,000	-	-	-	-	-	-
Class Euglenophyceae							
Order Euglenales							
Family Euglenaceae							
51. <i>Euglena acus</i>	-	-	-	-	-	-	46,000
52. <i>Euglena fusca</i>	-	-	12,000	-	-	9,000	-
53. <i>Euglena oxyuris</i>	-	-	-	-	-	-	9,000
54. <i>Euglena</i> sp.	-	-	-	-	11,000	-	-
55. <i>Lepocinclis ovum</i>	20,000	-	-	10,000	56,000	89,000	-
56. <i>Phacus angulatus</i>	-	-	-	-	-	-	9,000
57. <i>Phacus hamatus</i>	-	11,000	-	-	-	53,000	27,000
58. <i>Phacus helikoides</i>	-	-	-	-	-	-	18,000
59. <i>Phacus longicauda</i>	-	-	12,000	10,000	-	9,000	18,000
60. <i>Phacus ranula</i>	10,000	-	12,000	10,000	11,000	27,000	-
61. <i>Phacus tortus</i>	10,000	-	-	-	-	-	-
62. <i>Strombomonas girardiana</i>	-	-	-	10,000	-	18,000	-
63. <i>Strombomonas</i> sp.	10,000	-	-	-	-	-	-
64. <i>Trachelomonas crebae</i>	-	-	-	10,000	-	-	-
65. <i>Trachelomonas hispida</i>	10,000	-	-	-	-	-	-
66. <i>Trachelomonas rugulosa</i>	10,000	-	-	10,000	-	-	9,000
67. <i>Trachelomonas volzii</i>	10,000	-	-	-	-	-	-

ตาราง ผลการวิเคราะห์แหล่งกักต่อน้ำพิษ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)

(ต่อ)

ชนิดแหล่งกักต่อน้ำพิษ	ปริมาณแหล่งกักต่อน้ำพิษ (หน่วยต่อลูกบาศก์เมตร)						
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7
Division Chromophyta							
Class Bacillariophyceae							
Order Biddulphiiales							
Suborder Coscinodiscineae							
Family Thalassiosiraceae							
68. <i>Cyclotella meneghinana</i>	1,009,000	327,000	878,000	469,000	968,000	730,000	-
69. <i>Cyclotella stelligera</i>	-	11,000	12,000	-	34,000	27,000	9,000
Family Melosiraceae							
70. <i>Melosira varians</i>	108,000	-	-	-	-	-	-
Family Aulacoseiraceae							
71. <i>Aulacoseira baicalensis</i>	196,000	687,000	185,000	143,000	23,000	846,000	9,000
72. <i>Aulacoseira granulata</i>	314,000	1,254,000	728,000	245,000	585,000	249,000	-
Order Bacillariales							
Suborder Fragilariineae							
Family Fragilariaceae							
73. <i>Synedra rumpens</i>	29,000	240,000	127,000	-	11,000	178,000	-
74. <i>Synedra ulna</i>	10,000	-	-	-	68,000	-	-
Suborder Bacillariineae							
Family Cymbellaceae							
75. <i>Gomphonema parvulum</i>	10,000	-	-	-	-	-	-
Family Naviculaceae							
76. <i>Gyrosigma acuminatum</i>	-	-	12,000	-	-	9,000	-
Family Bacillariaceae							
77. <i>Nitzschia acicularis</i>	20,000	-	-	-	-	-	-
78. <i>Nitzschia lorenziana</i>	-	-	12,000	-	-	-	-
79. <i>Nitzschia palea</i>	-	-	12,000	-	-	-	-
80. <i>Nitzschia sigmaidea</i>	-	-	12,000	-	-	-	-
81. <i>Nitzschia</i> sp.	-	-	-	-	11,000	-	-
Family Surirellaceae							
82. <i>Surirella elegans</i>	-	-	-	10,000	11,000	-	-
83. <i>Surirella robusta</i>	-	-	12,000	20,000	-	9,000	-
Class Dinophyceae							
Order Peridinales							
Family Peridiniaceae							
84. <i>Peridinium gatunense</i>	39,000	-	-	20,000	-	-	2,366,000
85. <i>Peridinium polonica</i>	-	11,000	-	-	-	9,000	-
86. <i>Peridinium</i> sp.	-	-	-	31,000	-	-	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนพืช (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)


(ต่อ)


ชนิดแพลงก์ตอนพืช	ปริมาณแพลงก์ตอนพืช (หน่วยต่อลูกบาศก์เมตร)						
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7
ชนิดแพลงก์ตอนพืช	46	33	39	36	32	40	20
ปริมาณแพลงก์ตอนพืช	13,430,000	13,620,000	15,414,000	8,472,000	10,093,000	13,213,000	2,802,000
ดัชนีความหลากหลายแพลงก์ตอนพืช	2.3742	2.2543	2.0855	2.0307	1.9502	2.1666	0.8446
ดัชนีความสม่ำเสมอแพลงก์ตอนพืช	0.6201	0.6447	0.5693	0.5667	0.5627	0.5873	0.2819

Sample Location :

- สถานี 2586736-1 : เหนือจุดสูบน้ำโครงการ 500 เมตร
- สถานี 2586736-2 : จุดสูบน้ำโครงการ
- สถานี 2586736-3 : ท้ายจุดสูบน้ำโครงการ 500 เมตร
- สถานี 2586736-4 : เหนือจุดทิ้งน้ำโครงการ 500 เมตร
- สถานี 2586736-5 : จุดทิ้งน้ำโครงการ
- สถานี 2586736-6 : ท้ายจุดทิ้งน้ำโครงการ 500 เมตร
- สถานี 2586736-7 : ห้วยอีร้า

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


(นางสาวกนกวรรณ ขาวค้อน)
ผู้วิเคราะห์


(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ.ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Kaeng Khoi Power Generation Company Limited

Address : 64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi, Thailand, 18110

Project Name : Monitoring EIA

Project Location : KPG

รายงานผลการวิเคราะห์แพลงก์ตอนสัตว์

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)						
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7
Phylum Protozoa							
Subphylum Plasmiodroma							
Class Sarcodina							
Subclass Rhizopoda							
Order Testacida							
Family Arcellidae							
1. <i>Arcella</i> sp.	20,000	-	12,000	20,000	11,000	18,000	9,000
Family Diffugiidae							
2. <i>Centropyxis acurata</i>	-	11,000	-	-	-	-	-
3. <i>Diffugia acuminata</i>	20,000	-	-	-	11,000	-	-
Family Euglyphidae							
4. <i>Euglypha acanthophora</i>	10,000	11,000	-	20,000	11,000	-	-
5. <i>Euglypha rotunda</i>	-	-	-	-	-	9,000	-
6. <i>Euglypha</i> sp.	-	11,000	12,000	-	34,000	-	-
Subphylum Ciliophora							
Class Ciliata							
Subclass Holotricha							
Order Gymnostomatida							
7. <i>Coleps</i> sp.	-	-	-	10,000	-	-	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)
(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)						
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7
Order Hymenostomatida							
8. <i>Paramecium</i> sp.	39,000	-	-	-	-	-	9,000
Subclass Spirotricha							
Order Tintinnida							
Family Codonellidae							
9. <i>Tintinnopsis lacustris</i>	69,000	120,000	150,000	31,000	158,000	18,000	-
10. <i>Tintinnopsis</i> sp.	-	33,000	12,000	41,000	45,000	80,000	9,000
Subclass Peritricha							
Order Peritrichida							
11. <i>Carchesium</i> sp.	-	-	-	-	-	-	10,192,000
12. <i>Epistylis</i> sp.	-	-	-	-	-	-	764,000
13. <i>Pyxicola</i> sp.	-	11,000	-	31,000	34,000	27,000	-
Phylum Rotifera							
Class Monogononta							
Order Ploima							
Family Brachionidae							
14. <i>Anuraeopsis fissa</i>	-	11,000	-	-	-	-	9,000
15. <i>Brachionus</i> sp.	10,000	11,000	12,000	-	-	-	-
16. <i>Keratella cochlearis</i>	-	11,000	-	-	-	-	-
17. <i>Lepadella acuminata</i>	-	-	12,000	-	-	-	-
Family Lecanidae							
18. <i>Lecane bulla</i>	-	-	23,000	-	11,000	-	-
19. <i>Lecane</i> sp.	-	11,000	-	-	-	9,000	-
20. <i>Lecane stichaea</i>	-	-	-	-	-	9,000	-
Family Tricerceridae							
21. <i>Trichocerca pusilla</i>	-	11,000	-	-	-	-	-
Family Synchaetidae							
22. <i>Polyarthra dolichoptera</i>	-	-	-	-	-	-	18,000
23. <i>Polyarthra vulgaris</i>	-	-	-	-	-	-	18,000
Order Flosculariacea							
Family Testudinellidae							
24. <i>Filinia terminalis</i>	-	-	-	-	11,000	-	-
Class Digononta							
Family Philodinidae							
25. <i>Philodina</i> sp.	-	-	-	-	11,000	-	-
26. <i>Rotaria rotatoria</i>	-	-	-	-	11,000	-	-

ตาราง ผลการวิเคราะห์แพลงก์ตอนสัตว์ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)
(ต่อ)

ชนิดแพลงก์ตอนสัตว์	ปริมาณแพลงก์ตอนสัตว์ (หน่วยต่อลูกบาศก์เมตร)						
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7
Phylum Arthropoda							
Class Crustacea							
Subclass Branchiopoda							
Order Diplostraca							
Suborder Cladocera							
Family Bosminidae							
27. <i>Bosminopsis deitersi</i>	-	-	-	-	-	-	537,000
28. <i>Bosminopsis negrensis</i>	-	-	-	-	-	18,000	-
Family Chydoridae							
29. <i>Chydorus reticulatus</i>	-	-	-	-	-	-	9,000
Family Daphnidae							
30. <i>Ceriodaphnia reticulata</i>	-	11,000	-	-	-	-	146,000
Family Monidae							
31. <i>Moina macrocopa</i>	-	-	-	-	-	-	82,000
Subclass Ostracoda							
Order Podocopa							
Family Cypridae							
32. <i>Cypridopsis</i> sp.	-	-	-	-	-	-	9,000
Subclass Copepoda							
33. Copepod nauplius	-	-	-	-	-	-	46,000
Order Cyclopoida							
34. Calanoid copepod	-	-	-	-	-	-	209,000
Order Harpacticoida							
35. Harpacticoid copepod	-	-	-	-	23,000	-	-
ชนิดแพลงก์ตอนสัตว์	6	12	7	6	12	8	15
ปริมาณแพลงก์ตอนสัตว์	168,000	263,000	233,000	153,000	371,000	188,000	12,066,000
ดัชนีความหลากหลายของแพลงก์ตอนสัตว์	1.5471	1.9461	1.2759	1.7101	1.9600	1.7526	0.6863
ดัชนีความสม่ำเสมอของแพลงก์ตอนสัตว์	0.8635	0.7832	0.6557	0.9544	0.7888	0.8428	0.2534


- Sample Location :
1. สถานี 2586736-1 : เหนือจุดสูบน้ำโครงการ 500 เมตร
 2. สถานี 2586736-2 : จุดสูบน้ำโครงการ
 3. สถานี 2586736-3 : ท้ายจุดสูบน้ำโครงการ 500 เมตร
 4. สถานี 2586736-4 : เหนือจุดทิ้งน้ำโครงการ 500 เมตร
 5. สถานี 2586736-5 : จุดทิ้งน้ำโครงการ
 6. สถานี 2586736-6 : ท้ายจุดทิ้งน้ำโครงการ 500 เมตร
 7. สถานี 2586736-7 : ห้วยอีร้า

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



(นางสาวกนกวรรณ ขาวค้อน)

ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)

หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ

อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Kaeng Khoi Power Generation Company Limited

Address : 64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi, Thailand, 18110

Project Name : Monitoring EIA

Project Location : KPG

รายงานผลการวิเคราะห์สัตว์หน้าดิน

ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)

สกุลสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)						
	1	2	3	4	5	6	7
Phylum Annelida							
Class Clitellata							
Order Lumbriculida							
Family Lumbriculidae							
<i>Lumbriculus</i> sp. (ไส้เดือนน้ำ)	45	-	-	15	-	104	-
Order Tubificida							
Family Naididae							
<i>Branchiura</i> sp. (ไส้เดือนน้ำ)	-	-	-	45	60	-	-
Phylum Arthropoda							
Class Insecta							
Order Diptera							
Family Chironomidae							
<i>Chironomus</i> sp. (หนอนแดง)	-	-	163	-	45	-	-

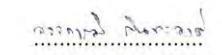
ตาราง ผลการวิเคราะห์สัตว์หน้าดิน (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)

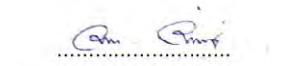
(ต่อ)

สกุลสัตว์หน้าดิน	ปริมาณสัตว์หน้าดิน (ตัวต่อตารางเมตร)						
	1	2	3	4	5	6	7
Phylum Mollusca							
Class Gastropoda							
Order Architaenioglossa							
Family Bithyniidae							
<i>Bithynia</i> sp. (หอยโข่ง)	-	-	-	-	-	-	15
Family Thiaridae							
<i>Tarebia</i> sp. (หอยเจดีย์)	89	104	-	-	-	75	30
Family Viviparidae							
<i>Filopaludina</i> sp. (หอยขม)	-	60	-	-	-	-	238
Order Neogastropoda							
Family Buccinidae							
<i>Clea</i> sp. (หอยเจดีย์)	-	-	-	-	-	-	15
Class Bivalvia							
Order Unionida							
Family Unionidae							
<i>Scabies</i> sp. (หอยกาบลาย)	-	30	-	-	-	45	-
สกุลสัตว์หน้าดิน	2	3	1	2	2	3	4
ปริมาณสัตว์หน้าดิน	134	194	163	60	105	224	298
ค่าดัชนีความหลากหลายสัตว์หน้าดิน	0.6382	0.9858	0.0000	0.5623	0.6829	1.0450	0.7116

Sample Location : สถานี 2586738-1 : เหนือจุดสูบน้ำโครงการ 500 เมตร
 สถานี 2586738-2 : จุดสูบน้ำโครงการ
 สถานี 2586738-3 : ท้ายจุดสูบน้ำโครงการ 500 เมตร
 สถานี 2586738-4 : เหนือจุดทิ้งน้ำโครงการ 500 เมตร
 สถานี 2586738-5 : จุดทิ้งน้ำโครงการ
 สถานี 2586738-6 : ท้ายจุดทิ้งน้ำโครงการ 500 เมตร
 สถานี 2586738-7 : ห้วยอีร้า

Condition of Sample : contained in one plastic zip bag


 (นายอรรณพ กันทะวงศ์)
 ผู้วิเคราะห์


 (นายอลงกต อินทรชาติ)
 หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Kaeng Khoi Power Generation Company Limited

Address : 64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi, Thailand, 18110

Project Name : Monitoring EIA

Project Location : KPG

รายงานผลการวิเคราะห์พืชน้ำ

ตาราง ผลการวิเคราะห์พืชน้ำ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568)

วงศ์	ชื่อวิทยาศาสตร์	ชื่อภาษาไทย	บริเวณที่ทำการสำรวจ						
			2586737-1	2586737-2	2586737-3	2586737-4	2586737-5	2586737-6	2586737-7
พืชลอยน้ำ									
Araceae	<i>Pistia stratiotes</i>	จอก	-	-	-	-	-	-	+
Convolvulaceae	<i>Ipomoea aquatica</i>	ผักบุ้ง	-	-	-	-	-	+	+
Pontederiaceae	<i>Eichhornia crassipes</i>	ผักตบชวา	-	-	-	+	+	-	-

ตาราง ผลการวิเคราะห์พืชน้ำ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568) (ต่อ)

วงศ์	ชื่อวิทยาศาสตร์	ชื่อภาษาไทย	บริเวณที่ทำการสำรวจ						
			2586737-1	2586737-2	2586737-3	2586737-4	2586737-5	2586737-6	2586737-7
พืชชายน้ำ									
Amaranthaceae	<i>Alternanthera sessilis</i>	ผักเป็ดไทย	-	-	-	+	-	-	+
Asteraceae	<i>Eclipta prostrata</i>	กะเม็ง	-	-	-	-	-	-	+
	<i>Sphagneticola trilobata</i>	กระดุมทองเลื้อย	+	+	-	+	+	+	+
	<i>Tridax procumbens</i>	ตีนตุ๊กแก	-	-	-	-	-	-	+
Commelinaceae	<i>Commelina diffusa</i>	ผักปลาบใบแคบ	-	-	-	-	-	-	+
Cyperaceae	<i>Cyperus iria</i>	กกทราย	-	-	-	-	+	-	+
	<i>Cyperus pilosus</i>	กกสามเหลี่ยม	-	-	-	-	-	-	+
Mimosaceae	<i>Mimosa pigra</i>	ไมยราบยักษ์	+	-	-	+	+	+	+
Papilionaceae	<i>Aeschynomene aspera</i>	โสน	+	-	-	-	-	-	+
Poaceae	<i>Brachiaria mutica</i>	หญ้าขน	+	-	++	+	+	+	++
	<i>Brachiaria reptans</i>	หญ้าคันดิน	+	-	+	+	-	+	++
	<i>Leptochloa chinensis</i>	หญ้าดอกขาว	++	++	++	++	++	++	++
	<i>Phragmites australis</i>	อ้อ	++	++	+	+	++	+	-
	<i>Saccharum spontaneum</i>	แขม	++	++	++	++	++	++	+
Polygonaceae	<i>Polygonum glabrum</i>	ผักไผ่น้ำ	-	-	-	-	+	+	-

ตาราง ผลการวิเคราะห์พืชน้ำ (เก็บตัวอย่างวันที่ 30 ตุลาคม 2568) (ต่อ)

วงศ์	ชื่อวิทยาศาสตร์	ชื่อภาษาไทย	บริเวณที่ทำการสำรวจ						
			2586737-1	2586737-2	2586737-3	2586737-4	2586737-5	2586737-6	2586737-7
Typhaceae	<i>Typha angustifolia</i>	ธูปฤาษี	-	-	-	-	-	-	+++
รวมจำนวนชนิดพืชที่พบทั้งหมด			8	6	5	9	9	9	16

Sample Location : - ไม่พบ + น้อย ++ ปานกลาง +++ มาก

สถานี 2586737-1 : เหนือจุดสูบน้ำโครงการ 500 เมตร

สถานี 2586737-2 : จุดสูบน้ำโครงการ

สถานี 2586737-3 : ท้ายจุดสูบน้ำโครงการ 500 เมตร


สถานี 2586737-4 : เหนือจุดทิ้งน้ำโครงการ 500 เมตร


สถานี 2586737-5 : จุดทิ้งน้ำโครงการ

สถานี 2586737-6 : ท้ายจุดทิ้งน้ำโครงการ 500 เมตร

สถานี 2586737-7 : ห้วยอีร้า

Condition of Sample : Data sheet


(นายอรรถวุฒิ กันทะวงศ์)
ผู้วิเคราะห์


(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา



สถานีวิจัยประมงศรีราชา

101/12 หมู่ 9 ต. บางพระ อ. ศรีราชา จ. ชลบุรี 20110

โทร./โทรสาร. (038) 311379

Client : Kaeng Khoi Power Generation Company Limited

Address : 64 Moo.2 Mooban Pangko, Banpa, Kaengkhoi, Saraburi, Thailand, 18110

Project Name : Monitoring EIA

Project Location : KPG

รายงานผลการวิเคราะห์สัตว์น้ำ

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 30 ตุลาคม 2568)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)							ช่วงขนาด	น้ำหนักรวม
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7	(ซม.)	(กรัม)
Phylum Chordata									
Class Actinopterygii									
Order Anabantiformes									
Family Osphronemidae									
<i>Trichopodus trichopterus</i> (ปลากระดี่หม้อ)	-	-	-	-	-	-	3	4.50-6.50	7.20

ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 30 ตุลาคม 2568) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)							ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7		
<i>Trichopsis vittata</i> (ปลากริมควาย)	-	-	-	-	-	-	3	4.50-5.20	3.00
Order Cichliformes									
Family Cichlidae									
<i>Oreochromis niloticus</i> (ปลานิล)	1	-	-	-	-	-	-	19.10	13.32
Order Clupeiformes									
Family Clupeidae									
<i>Clupeichthys aesamensis</i> (ปลาชีวก้าว)	3	3	2	-	-	1	-	3.40-4.30	4.00
Order Cypriniformes									
Family Cyprinidae									
<i>Barbonymus altus</i> (ปลาดตะเพียนทอง)	2	3	4	-	5	2	-	6.00-13.10	275.90
<i>Barbonymus gonionotus</i> (ปลาดตะเพียนขาว)	-	-	1	1	1	-	-	9.50-13.70	71.90
<i>Barbonymus schwanefeldii</i> (ปลากระแห)	-	-	-	1	-	-	-	9.30	10.90
<i>Cyclocheilichthys apogon</i> (ปลาไส้ตันตาแดง)	1	1	-	-	1	-	-	8.00-10.20	22.90
<i>Hampala macrolepidota</i> (ปลากระสับซีก)	1	1	-	-	-	-	-	12.70-21.70	161.80
<i>Mystacoleucus marginatus</i> (ปลาหนามหลัง)	-	-	1	-	-	3	-	7.40-11.70	54.50
<i>Rasbora myersi</i> (ปลาชีวกวาย)	4	3	-	4	5	4	-	9.20-13.50	221.10

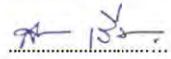
ตาราง ผลการวิเคราะห์สัตว์น้ำ (Aquatic animal) (เก็บตัวอย่างเมื่อวันที่ 30 ตุลาคม 2568) (ต่อ)

ชนิดสัตว์น้ำ	ปริมาณสัตว์น้ำ (ตัวต่อตารางเมตร)							ช่วงขนาด (ซม.)	น้ำหนักรวม (กรัม)
	2586736-1	2586736-2	2586736-3	2586736-4	2586736-5	2586736-6	2586736-7		
<i>Rasbora paviana</i> (ปลาชีวกวายแถบดำ)	-	-	-	-	-	-	2	7.30-7.60	9.50
<i>Thynnichthys thynnoides</i> (ปลาสร้อยเกล็ดถี่)	1	-	-	-	-	-	-	16.30	36.60
Order Perciformes									
Family Ambassidae									
<i>Parambassis siamensis</i> (ปลาเป็นแก้ว)	3	1	-	-	-	-	4	4.80-6.50	21.10
<i>Parambassis wolffii</i> (ปลาเป็นแก้วยักษ์)	8	6	4	4	6	3	-	4.90-7.60	98.80
Order Syngnathiformes									
Family Syngnathidae									
<i>Doryichthys boaja</i> (ปลาจิ้มฟันจระเข้ยักษ์)	2	-	-	-	-	-	-	23.70-24.60	27.60
ชนิดสัตว์น้ำ	10	7	5	4	5	5	4	3.40-24.60	1,040.12
ปริมาณสัตว์น้ำ	26	18	12	10	18	13	12		
ดัชนีความหลากหลายสัตว์น้ำ	2.0448	1.7438	1.4452	1.1935	1.3990	1.5247	1.3580		

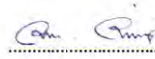
Sample Location : สถานี 2586736-1 : เหนือจุดสูบน้ำโครงการ 500 เมตร
 สถานี 2586736-2 : จุดสูบน้ำโครงการ
 สถานี 2586736-3 : ท้ายจุดสูบน้ำโครงการ 500 เมตร

สถานี 2586736-4 : เหนือจุดทิ้งน้ำโครงการ 500 เมตร
สถานี 2586736-5 : จุดทิ้งน้ำโครงการ
สถานี 2586736-6 : ท้ายจุดทิ้งน้ำโครงการ 500 เมตร
สถานี 2586736-7 : ห้วยอีร้า

Condition of Sample : fishing gear



(นายสาโรจน์ เรียมคำริห์)
ผู้วิเคราะห์



(นายอลงกต อินทรชาติ)
หัวหน้าสถานีวิจัยประมงศรีราชา



🏠 > รายงานมาตรฐาน > สถานะสุขภาพ > สาเหตุการป่วย/ตาย

📖 สาเหตุการป่วยของผู้ป่วยนอกตามกลุ่มโรค10 อันดับแรก

📌 เกี่ยวกับรายงาน



Open Data API



จำนวนการเข้าชม
เริ่มนับ 21 พ.ค. 2568

19,183

ครั้ง

🔿 การกรองข้อมูล

ปีงบประมาณ

2566



เขตสุขภาพ

04 : เขตสุขภาพที่ 4



จังหวัด

19 : สระบุรี



อำเภอ

แก่งคอย



ตำบล

บ้านป่า



ใน / นอกสังกัดกระทรวง

ทั้งหมด



สังกัด

ทั้งหมด



Service Plan Level

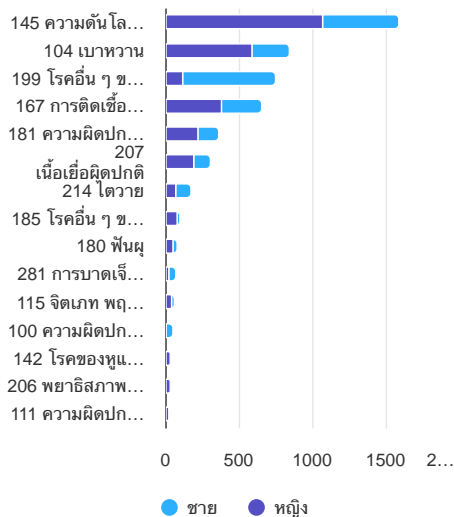
ทั้งหมด



🔍 ดูรายงาน

📌 ล้างตัวกรอง

แผนภูมิแสดง สาเหตุการป่วยของผู้ป่วยนอกตามกลุ่มโรค 10 อันดับแรก



ดาวน์โหลดข้อมูล

ชื่อกลุ่ม(298โรค)	ชาย	หญิง	รวม
145 ความดันโลหิตสูงที่ไม่มีสาเหตุ	517	1,070	1,587
104 เบาหวาน	262	585	847
199 โรคอื่น ๆ ของผิวหนังและเนื้อเยื่อใต้ผิวหนัง	633	118	751
167 การติดเชื้อของทางเดินหายใจส่วนบนแบบเฉียบพลันอื่น ๆ	275	380	655
181 ความผิดปกติอื่น ๆ ของฟันและโครงสร้าง	138	223	361
207 เนื้อเยื่อผิดปกติ	107	195	302
214 ไตวาย	104	67	171
185 โรคอื่น ๆ ของหลอดเลือด กระเพาะและลำไส้	24	79	103
180 ฟันผุ	21	56	77
281 การบาดเจ็บกระดูกเฉพาะอื่น ๆ , ไม่ระบุเฉพาะและหลายบริเวณในร่างกาย	47	23	70
115 จิตเภท พฤติกรรมแบบจิตเภทและความหลงผิด	24	38	62
100 ความผิดปกติที่เกี่ยวข้องกับกลไกของภูมิคุ้มกัน	45	4	49
142 โรคของหูและปุ่มกกหูอื่น ๆ	12	34	46
206 พยาธิสภาพของหลังส่วนอื่น ๆ	14	32	46
111 ความผิดปกติของต่อมไร้ท่อ โภชนาการและเมตาบอลิกอื่น ๆ	5	25	30
รวม	2,228	2,929	5,157

วันที่ประมวลผล :: 16 พฤศจิกายน 2566

หมายเหตุ

- การคำนวณ คิดตาม 298 กลุ่มโรคนับเป็นครั้งตามการวินิจฉัย โดยที่ dxtype=1 และรหัสหน่วยบริการ(10 อันดับโรคที่มารับบริการ/พบป่วย)

ติดต่อเรา

ศูนย์เทคโนโลยีสารสนเทศและการสื่อสาร
88/20 สำนักงานปลัดกระทรวงสาธารณสุข อาคาร 2 ชั้น 1 ตึกสำนักงานปลัดกระทรวงสาธารณสุข
ถ. ดิوانนท์ ต.ตลาดขวัญ อ. เมือง จ.นนทบุรี 11000
โทรศัพท์ 0-2590 -1215



LINK ที่เกี่ยวข้อง

- SmartHealth ID
- MoPH Open Data
- กลุ่มพัฒนาการบริหารข้อมูล
- แบบสอบถามความพึงพอใจการใช้งาน



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🏠 > รายงานมาตรฐาน > สถานะสุขภาพ > สาเหตุการป่วย/ตาย

📖 สาเหตุการป่วยของผู้ป่วยนอกตามกลุ่มโรค10 อันดับแรก

📌 เกี่ยวกับรายงาน

📄 Open Data API



📊 จำนวนการเข้าชม
เริ่มนับ 21 พ.ค. 2568

19,183 ครั้ง

📁 การกรองข้อมูล

ปีงบประมาณ

2567

เขตสุขภาพ

04 : เขตสุขภาพที่ 4



จังหวัด

19 : สระบุรี



อำเภอ

แก่งคอย



ตำบล

บ้านป่า



ใน / นอกสังกัดกระทรวง

ทั้งหมด

สังกัด

ทั้งหมด

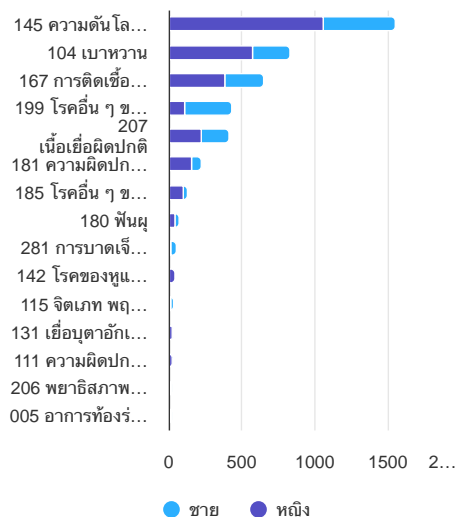
Service Plan Level

ทั้งหมด

🔍 ดูรายงาน

📁 ล้างตัวกรอง

แผนภูมิแสดง สาเหตุการป่วยของผู้ป่วยนอกตามกลุ่มโรค10 อันดับแรก



ดาวน์โหลดข้อมูล

ชื่อกลุ่ม(298โรค)	ชาย	หญิง	รวม
145 ความดันโลหิตสูงที่ไม่มีสาเหตุ	494	1,053	1,547
104 เบาหวาน	254	573	827
167 การติดเชื้อของทางเดินหายใจส่วนบนแบบเฉียบพลันอื่น ๆ	264	387	651
199 โรคอื่น ๆ ของผิวหนังและเนื้อเยื่อใต้ผิวหนัง	327	107	434
207 เนื้อเยื่อผิดปกติ	188	227	415
181 ความผิดปกติอื่น ๆ ของฟันและโครงสร้าง	62	161	223
185 โรคอื่น ๆ ของหลอดเลือด กระเพาะและลำไส้	37	95	132
180 ฟันผุ	24	47	71
281 การบาดเจ็บเฉพาะอื่น ๆ , ไม่ระบุเฉพาะและหลายบริเวณในร่างกาย	34	14	48
142 โรคของหูและปุ่มกกหูอื่น ๆ	7	40	47
115 จิตเภท พฤติกรรมแบบจิตเภทและความหลงผิด	19	17	36
131 เยื่อตาอักเสบและความผิดปกติของเยื่อตาอื่น ๆ	12	20	32
111 ความผิดปกติของต่อมไร้ท่อ โภชนาการและเมตาบอลิซึมอื่น ๆ	8	19	27
206 พยาธิสภาพของหลังส่วนอื่น ๆ	13	13	26
005 อาการท้องร่วงกระเพาะและลำไส้อักเสบซึ่งสันนิษฐานว่าเกิดจากการติดเชื้อ	11	12	23
รวม	1,754	2,785	4,539

วันที่ประมวลผล :: 16 พฤศจิกายน 2567

หมายเหตุ

- การคำนวณ คิดตาม 298 กลุ่มโรคนับเป็นครั้งตามการวินิจฉัย โดยที่ dxtype=1 และรหัสหน่วยบริการ(10 อันดับโรคที่มารับบริการ/พบป่วย)

ติดต่อเรา

ศูนย์เทคโนโลยีสารสนเทศและการสื่อสาร
88/20 สำนักงานปลัดกระทรวงสาธารณสุข อาคาร 2 ชั้น 1 ตึกสำนักงานปลัดกระทรวงสาธารณสุข
ถ. ดิوانนท์ ต.ตลาดขวัญ อ. เมือง จ.นนทบุรี 11000
โทรศัพท์ 0-2590 -1215



LINK ที่เกี่ยวข้อง

- SmartHealth ID
- MoPH Open Data
- กลุ่มพัฒนาการบริหารข้อมูล
- แบบสอบถามความพึงพอใจการใช้งาน



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🏠 > รายงานมาตรฐาน > สถานะสุขภาพ > สาเหตุการป่วย/ตาย

📖 สาเหตุการป่วยของผู้ป่วยนอกตามกลุ่มโรค10 อันดับแรก

📌 เกี่ยวกับรายงาน

📄 Open Data API



📊 จำนวนการเข้าชม
เริ่มนับ 21 พ.ค. 2568

19,183 ครั้ง

🔽 การกรองข้อมูล

ปีงบประมาณ

2568

เขตสุขภาพ

04 : เขตสุขภาพที่ 4



จังหวัด

19 : สระบุรี



อำเภอ

แก่งคอย



ตำบล

บ้านป่า



ใน / นอกสังกัดกระทรวง

ทั้งหมด

สังกัด

ทั้งหมด

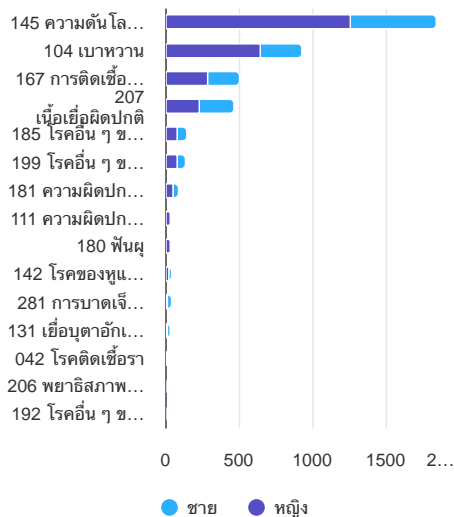
Service Plan Level

ทั้งหมด

🔍 ดูรายงาน

🔗 ล้างตัวกรอง

แผนภูมิแสดง สาเหตุการป่วยของผู้ป่วยนอกตามกลุ่มโรค10 อันดับแรก



ดาวน์โหลดข้อมูล

ชื่อกลุ่ม(298โรค)	ชาย	หญิง	รวม
145 ความดันโลหิตสูงที่ไม่มีสาเหตุ	579	1,263	1,842
104 เบาหวาน	280	648	928
167 การติดเชื้อของทางเดินหายใจส่วนบนแบบเฉียบพลันอื่น ๆ	210	292	502
207 เนื้อเยื่อผิดปกติ	239	230	469
185 โรคอื่น ๆ ของหลอดอาหาร กระเพาะและลำไส้เล็ก	63	79	142
199 โรคอื่น ๆ ของผิวหนังและเนื้อเยื่อใต้ผิวหนัง	59	81	140
181 ความผิดปกติอื่น ๆ ของฟันและโครงสร้าง	38	50	88
111 ความผิดปกติของต่อมไร้ท่อ โภชนาการและเมตาบอลิซึมอื่น ๆ	12	35	47
180 ฟันผุ	17	30	47
142 โรคของหูและปมกกหูอื่น ๆ	19	25	44
281 การบาดเจ็บกระดูกเฉพาะอื่น ๆ , ไม่ระบุเฉพาะและหลายบริเวณในร่างกาย	29	11	40
131 เยื่อบุตาอักเสบและความผิดปกติของเยื่อบุตาอื่น ๆ	14	16	30
042 โรคติดเชื้อรา	12	10	22
206 พยาธิสภาพของหลังส่วนอื่น ๆ	10	8	18
192 โรคอื่น ๆ ของลำไส้และเยื่อช่องท้อง	6	8	14
รวม	1,587	2,786	4,373

วันที่ประมวลผล :: 16 พฤศจิกายน 2568

หมายเหตุ

- การคำนวณ คิดตาม 298 กลุ่มโรคนับเป็นครั้งตามการวินิจฉัย โดยที่ dxtype=1 และรหัสหน่วยบริการ(10 อันดับโรคที่มารับบริการ/พบป่วย)

ติดต่อเรา

ศูนย์เทคโนโลยีสารสนเทศและการสื่อสาร
88/20 สำนักงานปลัดกระทรวงสาธารณสุข อาคาร 2 ชั้น 1 ตึกสำนักงานปลัดกระทรวงสาธารณสุข
ถ. ดิوانนท์ ต.ตลาดขวัญ อ. เมือง จ.นนทบุรี 11000
โทรศัพท์ 0-2590 -1215



LINK ที่เกี่ยวข้อง

- SmartHealth ID
- MoPH Open Data
- กลุ่มพัฒนาการบริหารข้อมูล
- แบบสอบถามความพึงพอใจการใช้งาน



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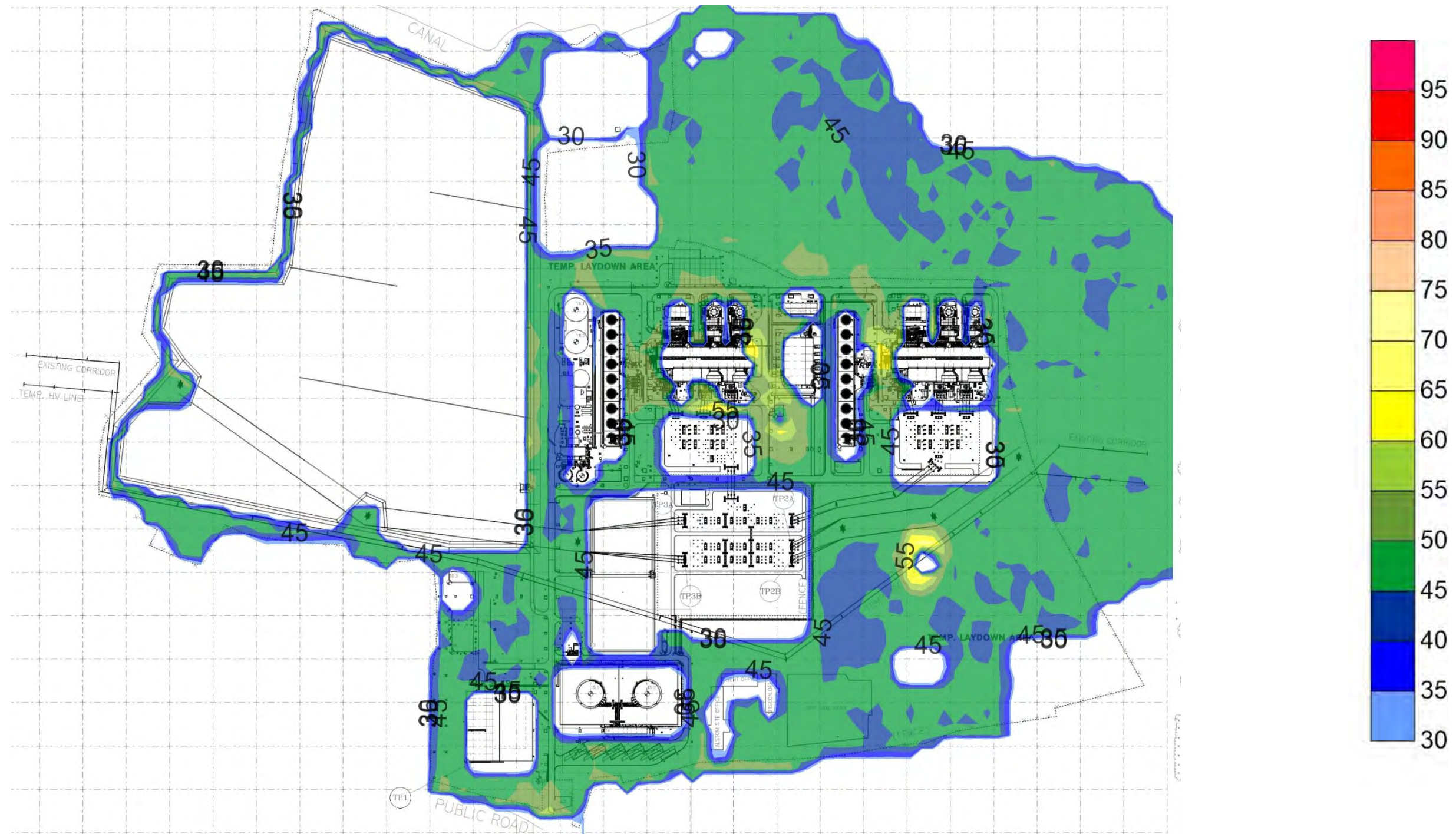


Noise Contour Map

Kaeng Khoi Power Generation Company Limited

Reference Number : 2568745-1

Measurement Date : July 21-24, 2025



ADDRESS 104 Phatthanakan 40, Phatthanakan Rd., Khwaeng Phattanaakan, Khet Suan Luang, Bangkok 10250, Thailand | PHONE +66 0 2760 3000 | FAX +66 0 2760 3197
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ภาคผนวก ค.2

บันทึกปริมาณยานพาหนะเข้า-ออก พื้นที่โรงไฟฟ้าแก่งคอย

2568

ประจำเดือน/ปี. ๕๗๐๔/๖ ๒๕๕๕

EX 31.49.241

จำนวนรถยนต์เข้า-ออกประเภทต่างๆแบ่งตามพรบ. รถยนต์ ปี 2522

วันที่	รถตำรวจภาค ๓	รถ. มีง่วนบุคคล ไม่เกิน 7 ที่นั่ง	รถ. มีง่วนบุคคล เกิน 7 คน (รถตู้)	รถบรรทุกทุกส่วน บุคคล (6-10ล้อ)	รถบรรทุก ติดเครน	รถขนส่งสารเคมี (ระบุพิเศษ)	รถทัวร์, รถยนต์แท็กซี่ (ระบุพิเศษ)	รวมรถ
1	134	122	4					
2	134	136	4		2			
3	128	122	4					
4	126	130	4			2		
5	84	30	2					
6	44	34	2					
7	134	126	6					
8	132	122	4		2			
9	132	128	4					
10	42	24	2					
11	132	92	4					
12	82	40	2					
13	42	26	2					
14	132	124	6					
15	134	128	4					
16	132	122	4					
17	134	134	4		2	2		
18	124	116	4					
19	84	26	2					
20	112	24	2					
21	132	126	6					
22	134	116	4					
23	134	124	4					
24	128	100	8					
25	130	104	4					
26	82	36	4					
27	42	30	2					
28	42	40	2					
29	132	108	4					
30	134	128	4			2		
31	126	106	4					
รวมทั้งสิ้น								

_____ EHS Division

0
สิงหาคม 2568
ประจำเดือนปี 2568

วันที่	จำนวนรถยนต์เข้า-ออกประเภทต่างๆแบ่งตามพรบ. รถยนต์ ปี 2522							รวม
	รถจักรยานยนต์ 2 ล้อ	รถยนต์ส่วนบุคคล ไม่เกิน 7 ที่นั่ง	รถยนต์ส่วนบุคคล เกิน 7 คน	รถบรรทุกส่วนบุคคล (0-10ล้อ)	รถบรรทุก ติดตั้ง	รถขนส่งสาธารณะ (ระบุพิเศษ)	รถทัวร์, รถดับเพลิง (ระบุพิเศษ)	
1	116	114	4					
2	86	26	2					
3	42	22	2					
4	26	144	4			2		
5	32	136	6		2			
6	128	140	4					
7	130	120	4					
8	126	136	4					
9	84	56	4					
10	42	24	2					
11	120	106	4					
12	128	130	4					
13	132	128	4			2		
14	126	136	4		4			
15	130	132	4					
16	84	24	2					
17	42	22	2					
18	128	144	6		4			
19	130	132	4					
20	122	150	5					
21	128	228	10					
22	126	154	8					
23	82	26	2					
24	42	26	2					
25	32	118	4			2		
26	28	122	4		2			
27	50	144	4					
28	132	140	6					
29	128	148	4				3	
30	84	26	2					
31	42	22	2					

*****//*****EJIS Division

วันที่	จำนวนรถยนต์เข้า-ออกประเภทต่างๆแบ่งตามพรบ. รถยนต์ ปี 2522							รวม
	รถจักรยานยนต์ 2 ล้อ	รถยนต์ส่วนบุคคล เกิน 7 ที่นั่ง	รถยนต์ส่วนบุคคล เกิน 7 คน (รถตู้)	รถบรรทุกหัว บรรทุก (6-10ล้อ)	รถบรรทุก ติดเครน	รถขนส่งสารเคมี (ระบุพิเศษ)	รถทัวร์,รถดับเพลิง (ระบุพิเศษ)	
1	120	144	4					
2	122	122	4					
3	118	128	6			2		
4	94	46	2					
5	42	30	2					
6	122	128	4					
7	120	134	4	2				
8	120	132	6					
9	118	120	4		2	2		
10	118	132	4					
11	92	64	2					
12	122	114	8		6			
13	68	134	8		4			
14	122	160	10	2				
15	120	180	8					
16	120	162	8					
17	120	166	8		2			
18	100	96	6		2			
19	58	100	6					
20	116	68	8					
21	122	120	6	2	6	2		
22	122	168	6		2			
23	122	116	4					
24	116	140	6		2			
25	98	100	6		4			
26	60	96	4					
27	120	166	8		2	4		
28	118	144	4	2	4			
29	120	160	6		2			
30	120	124	6	2	2	2		
31	116	156	8		2			
รวม	3930	3844	122	10	40	12		

พฤษภาคม 2568
ประจำเดือน/ปี. ๕๕๖/๒๕๖๘

วันที่	จำนวนรถยนต์เข้า-ออกประเภทต่างๆแบ่งตามพรบ. รถยนต์ ปี 2522							หมายเหตุ
	รถจักรยานยนต์ 2 ล้อ	รถจักรยานยนต์ เกิน 7 ลิตร	รถยนต์ส่วนบุคคล เกิน 7 ลิตร (รถตู้)	รถบรรทุกส่วนบุคคล (6-10ล้อ)	รถบรรทุก ดีเซล	รถขนส่งสาธารณะ (ระบุพิเศษ)	รถทัวร์, รถยนต์พิเศษ (ระบุพิเศษ)	
1	86	76	2					
2	50	74	4					
3	136	118	4		2			
4	134	98	6					
5	138	148	4	2				
6	134	130	4			2		
7	126	148	6					
8	86	26	2					
9	44	34	2					
10	140	150	4		2			
11	140	130	6					
12	140	148	6					
13	134	130	4					
14	126	138	4					
15	86	26	2	2	4			
16	42	32	4					
17	134	128	4					
18	138	126	8					
19	136	132	4		2	2		
20	112	118	6					
21	128	86	6					
22	84	36	2					
23	44	38	2					
24	134	90	6			4		
25	138	82	4					
26	138	138	4		4			
27	140	112	4					
28	130	138	6					
29	130	24	2			2		
30	50	12	2					
31								
รวม	3328	2960	124	4	14	10		

ปี 2568
ประจำเดือนมิ.ย. 2568

วันที่	จำนวนรถยนต์เข้า-ออกประเภทต่างๆแบ่งตามพรบ. รถยนต์ ปี 2522							รวม
	รถจักรยานยนต์ 2 ล้อ	รถ. มีส่วนบุคคล มีเกิน 7 ที่นั่ง	รถ. มีส่วนบุคคล เกิน 7 คน (รถตู้)	รถบรรทุกส่วน บุคคล (6-10ล้อ)	รถบรรทุก ดีเซล	รถขนส่งสารเคมี (ระบุพิเศษ)	รถทัวร์, รถยนต์พ่วง (ระบุพิเศษ)	
1	138	128	4			2		
2	138	138	4					
3	130	132	6		2			
4	130	118	4					
5	40	46	2					
6	84	26	6					
7	52	42	4					
8	128	118	4	2		4		
9	128	116	4					
10	54	70	2					
11	122	116	6					
12	130	118	4		2			
13	84	26	2					
14	42	24	2					
15	122	124	4					
16	140	124	6		4			
17	138	120	6					
18	134	108	4	2				
19	134	102	4			2		
20	84	36	4					
21	42	26	2					
22	138	128	4					
23	130	124	4		2			
24	138	132	6					
25	134	108	4					
26	122	108	4					
27	82	34	2			2		
28	40	28	2					
29	132	124	4					
30	122	64	6					
31	42	28	4					

หน้าถัดไป
หน้าต่อไป