

## ภาคผนวก ง.1

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ใบรับรองผลการตรวจวิเคราะห์  
คุณภาพอากาศในบรรยากาศ



บริษัท ซีคอต จำกัด  
SECOT CO., LTD.

239 ถนนวิภาวดีรังสิต แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800

239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

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AMBIENT AIR QUALITY ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-Amb-2504-0150
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 17-24/04/2025
RECEIVED DATE	: 25/04/2025	ANALYTICAL DATE	: 25/04/2025-03/05/2025
REPORT DATE	: 07/05/2025	SAMPLE CONDITION	: Normal
STATION DESCRIPTION	1. Santi Silaram Temple 2. Banna Klang School 3. Nong Bon Temple 4. Nong Takai Temple		

PARAMETER	SAMPLING DATE	UNITS	RESULTS				STANDARD*	REFERENCE METHODS
			1	2	3	4		
TSP (24 hr.)	17-18/04/2025	mg/m <sup>3</sup>	0.035	0.024	0.033	0.018	0.330	High Volume
	18-19/04/2025	mg/m <sup>3</sup>	0.037	0.039	0.035	0.024		Air Sampler/
	19-20/04/2025	mg/m <sup>3</sup>	0.037	0.037	0.048	0.026		Gravimetric Method
	20-21/04/2025	mg/m <sup>3</sup>	0.034	0.034	0.037	0.028		
	21-22/04/2025	mg/m <sup>3</sup>	0.027	0.034	0.036	0.027		
	22-23/04/2025	mg/m <sup>3</sup>	0.044	0.036	0.043	0.028		
	23-24/04/2025	mg/m <sup>3</sup>	0.031	0.035	0.034	0.027		

*Pornapa Budthum*  
(Miss Pornnapa Budthum)

Analyst

*Narisa Poowasanpetch*  
(Miss Narisa Poowasanpetch)

Technical Management Team

Remark; 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. \* Notification of the National Environment Board, No.24, B.E.2547.



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RECEIVED DATE	: 25/04/2025	ANALYTICAL DATE	: 25/04/2025-03/05/2025
REPORT DATE	: 07/05/2025	SAMPLE CONDITION	: Normal
STATION DESCRIPTION	1. Santi Silaram Temple 2. Banna Klang School 3. Nong Bon Temple 4. Nong Takai Temple		

PARAMETER	SAMPLING DATE	UNITS	RESULTS				STANDARD*	REFERENCE METHODS
			1	2	3	4		
PM-10 (24 hr.)	17-18/04/2025	mg/m <sup>3</sup>	0.013	0.022	0.031	0.016	0.120	High Volume
	18-19/04/2025	mg/m <sup>3</sup>	0.013	0.028	0.033	0.023		Air Sampler/
	19-20/04/2025	mg/m <sup>3</sup>	0.026	0.024	0.032	0.024		(Hi-Vol PM-10
	20-21/04/2025	mg/m <sup>3</sup>	0.014	0.023	0.035	0.027		Size Selective Inlet/
	21-22/04/2025	mg/m <sup>3</sup>	0.021	0.025	0.035	0.024		Gravimetric Method
	22-23/04/2025	mg/m <sup>3</sup>	0.031	0.025	0.033	0.021		
	23-24/04/2025	mg/m <sup>3</sup>	0.016	0.022	0.026	0.023		

*Pornapa Budthum*  
(Miss Pornnapa Budthum)

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## Meteorological Monitoring Results : Wind Rose MTR-REN Operation

Location : Santi Silaram Temple

Monitor period : 17-24 Apr 2025

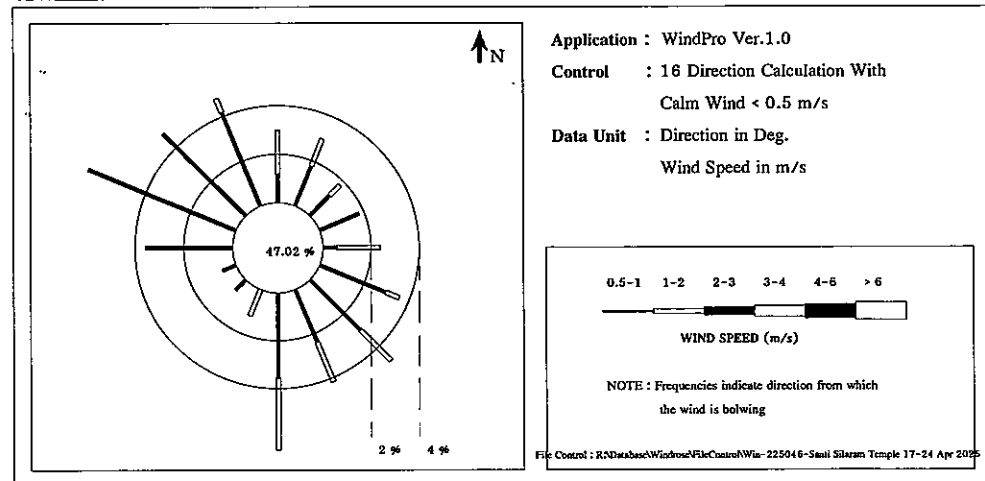
Wind Speed Model : Scarlet WS-21

Serial No : AD:61

Wind Direction Model : Scarlet WS-21

Serial No : AD:61

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0119	0.0179	0.0000	0.0000	0.0000	0.0000	0.0298
NNE	0.0179	0.0119	0.0000	0.0000	0.0000	0.0000	0.0298
NE	0.0119	0.0060	0.0000	0.0000	0.0000	0.0000	0.0179
ENE	0.0179	0.0000	0.0000	0.0000	0.0000	0.0000	0.0179
E	0.0060	0.0179	0.0000	0.0000	0.0000	0.0000	0.0238
ESE	0.0298	0.0060	0.0000	0.0000	0.0000	0.0000	0.0357
SE	0.0298	0.0179	0.0000	0.0000	0.0000	0.0000	0.0476
SSE	0.0238	0.0179	0.0000	0.0000	0.0000	0.0000	0.0417
S	0.0357	0.0298	0.0000	0.0000	0.0000	0.0000	0.0655
SSW	0.0000	0.0119	0.0000	0.0000	0.0000	0.0000	0.0119
SW	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060
WSW	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060
W	0.0357	0.0000	0.0000	0.0000	0.0000	0.0000	0.0357
WNW	0.0655	0.0000	0.0000	0.0000	0.0000	0.0000	0.0655
NW	0.0476	0.0000	0.0000	0.0000	0.0000	0.0000	0.0476
NNW	0.0417	0.0060	0.0000	0.0000	0.0000	0.0000	0.0476
CALM	0.4702						



(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose MTR-REN Operation

Location : Santi Silaram Temple

Monitor period : 17-24 Apr 2025

Wind Speed Model : Scarlet WS-21

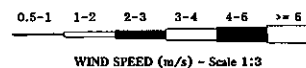
Serial No : AD:61

Wind Direction Model : Scarlet WS-21

Serial No : AD:61

Time	17-18 Apr 2025		18-19 Apr 2025		19-20 Apr 2025		20-21 Apr 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
11:00 - 12:00	1.0	S	1.1	SE	0.9	SSE	1.1	NNE
12:00 - 13:00	0.9	S	0.8	SSE	1.2	SE	0.9	WNW
13:00 - 14:00	1.0	S	0.7	NW	1.3	SSE	1.1	SE
14:00 - 15:00	1.3	SSW	0.9	NNW	0.9	S	0.9	ENE
15:00 - 16:00	1.2	N	0.4	SSW	0.6	SW	0.8	SE
16:00 - 17:00	1.0	SSW	0.4	NW	0.6	WNW	0.5	ENE
17:00 - 18:00	1.1	E	0.4	NNW	0.5	NNW	0.9	SE
18:00 - 19:00	1.1	ESE	0.6	NNE	0.5	WNW	0.5	ESE
19:00 - 20:00	0.6	ESE	0.2	WSW	0.3	W	0.4	SSE
20:00 - 21:00	0.0	ESE	0.3	SE	0.2	ESE	0.3	S
21:00 - 22:00	0.3	SE	0.2	SE	0.3	SE	0.5	WNW
22:00 - 23:00	0.4	SSE	0.4	ESE	0.3	ESE	0.5	W
23:00 - 24:00	0.3	SSE	0.3	SSE	0.4	ENE	0.4	WSW
00:00 - 01:00	0.9	SE	0.1	N	0.2	E	0.3	WSW
01:00 - 02:00	0.9	SE	0.3	NW	0.3	E	0.2	SSW
02:00 - 03:00	0.6	ESE	0.1	N	0.2	SSE	0.3	ESE
03:00 - 04:00	0.1	ESE	0.1	N	0.3	NW	0.2	E
04:00 - 05:00	0.3	SE	0.3	W	0.2	WSW	0.3	ESE
05:00 - 06:00	1.0	SSE	0.1	SSW	0.2	E	0.2	SE
06:00 - 07:00	0.9	S	0.3	ESE	0.6	SE	0.5	ENE
07:00 - 08:00	1.0	S	0.5	ESE	0.7	NE	0.6	N
08:00 - 09:00	0.8	S	0.8	SSE	0.8	S	0.7	WNW
09:00 - 10:00	1.0	SSE	0.8	ESE	1.1	E	0.7	NW
10:00 - 11:00	1.2	S	0.9	S	1.1	E	1.0	N

Wind Rose



File Control : R:\Database\Windrose\FileControlWin-225046-Santi Silaram Temple 17-24 Apr 2025

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose MTR-REN Operation

Location : Santi Silaram Temple

Monitor period : 17-24 Apr 2025

Wind Speed Model : Scarlet WS-21

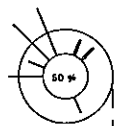
Serial No : AD:61

Wind Direction Model : Scarlet WS-21

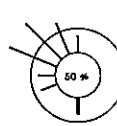
Serial No : AD:61

Time	21-22 Apr 2025		22-23 Apr 2025		23-24 Apr 2025		
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	
11:00 - 12:00	0.9	NW	0.8	NW	1.2	N	
12:00 - 13:00	1.0	NE	0.8	NW	1.1	NNW	
13:00 - 14:00	1.0	NNE	0.8	NNW	0.8	WNW	
14:00 - 15:00	0.9	NW	1.6	S	0.8	W	
15:00 - 16:00	0.9	W	0.9	WSW	0.7	W	
16:00 - 17:00	0.8	NW	0.6	WNW	0.7	E	
17:00 - 18:00	0.7	W	0.6	WNW	0.5	WNW	
18:00 - 19:00	0.6	WNW	0.5	WNW	0.2	E	
19:00 - 20:00	0.5	SSE	0.5	W	0.4	SSE	
20:00 - 21:00	0.3	W	0.4	W	0.2	NW	
21:00 - 22:00	0.4	SSW	0.3	SW	0.1	W	
22:00 - 23:00	0.4	W	0.3	WSW	0.1	E	
23:00 - 24:00	0.4	WNW	0.2	WSW	0.2	E	
00:00 - 01:00	0.3	W	0.2	W	0.1	ESE	
01:00 - 02:00	0.4	WSW	0.3	SSW	0.2	N	
02:00 - 03:00	0.1	W	0.4	WNW	0.2	SE	
03:00 - 04:00	0.3	SSW	0.3	NW	0.3	E	
04:00 - 05:00	0.2	ESE	0.3	WSW	0.3	SE	
05:00 - 06:00	0.3	ESE	0.1	WNW	0.2	ENE	
06:00 - 07:00	0.3	SSE	0.3	NNW	0.5	NE	
07:00 - 08:00	0.4	NNW	0.4	NW	0.6	NNE	
08:00 - 09:00	0.6	NNW	0.6	NW	0.6	NNE	
09:00 - 10:00	0.6	NNW	0.8	NNW	0.4	ENE	
10:00 - 11:00	0.8	NNW	0.9	N	0.4	ENE	

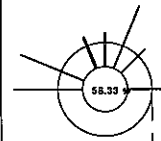
Wind Rose



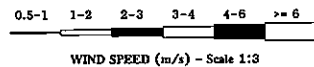
5 %



5 %



3 %



WIND SPEED (m/s) - Scale 1:3

File Control : R:\Database\Windrose\FileControl\Win-225046-Santi Silaram Temple 17-24 Apr 2025

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose MTR-REN Operation

Location : Banna Klang School

Monitor period : 17-24 Apr 2025

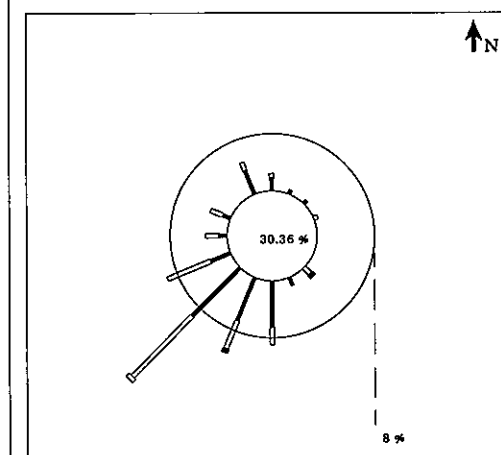
Wind Speed Model : Scarlet WS-21

Serial No : AD:16

Wind Direction Model : Scarlet WS-21

Serial No : AD:16

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0179	0.0060	0.0000	0.0000	0.0000	0.0000	0.0238
NNE	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060
NE	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060
ENE	0.0000	0.0060	0.0000	0.0000	0.0000	0.0000	0.0060
E	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ESE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SE	0.0000	0.0119	0.0060	0.0000	0.0000	0.0000	0.0179
SSE	0.0119	0.0000	0.0000	0.0000	0.0000	0.0000	0.0119
S	0.0655	0.0238	0.0000	0.0000	0.0000	0.0000	0.0893
SSW	0.0655	0.0417	0.0060	0.0000	0.0000	0.0000	0.1131
SW	0.0952	0.1190	0.0000	0.0060	0.0000	0.0000	0.2202
WSW	0.0298	0.0655	0.0000	0.0000	0.0000	0.0000	0.0952
W	0.0119	0.0179	0.0000	0.0000	0.0000	0.0000	0.0298
WNW	0.0119	0.0179	0.0000	0.0000	0.0000	0.0000	0.0298
NW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNW	0.0357	0.0119	0.0000	0.0000	0.0000	0.0000	0.0476
CALM	0.3036						



8 %

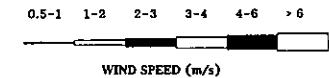
Application : WindPro Ver.1.0

Control : 16 Direction Calculation With

Calm Wind &lt; 0.5 m/s

Data Unit : Direction in Deg.

Wind Speed in m/s



WIND SPEED (m/s)

NOTE : Frequencies indicate direction from which  
the wind is blowing

File Control : R:\Database\Windrose\FileControl\Win-225046-Banna Klang School 17-24 Apr 2025

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose

### MTR-REN Operation

Location : Banna Klang School

Monitor period : 17-24 Apr 2025

Wind Speed Model : Scarlet WS-21

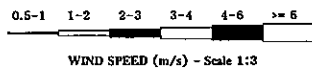
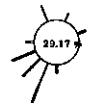
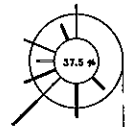
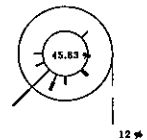
Serial No : AD:16

Wind Direction Model : Scarlet WS-21

Serial No : AD:16

Time	17-18 Apr 2025		18-19 Apr 2025		19-20 Apr 2025		20-21 Apr 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
10:00 - 11:00	2.0	SSW	1.2	WSW	1.3	SW	1.1	W
11:00 - 12:00	0.5	WSW	1.1	SW	1.4	SW	1.4	WSW
12:00 - 13:00	1.6	SW	1.2	S	1.3	S	1.3	WSW
13:00 - 14:00	2.1	SE	1.9	W	1.1	SE	1.3	S
14:00 - 15:00	0.6	S	0.9	SW	1.1	S	1.1	SW
15:00 - 16:00	0.9	SW	0.7	SW	1.8	WSW	0.9	NNW
16:00 - 17:00	0.7	SW	1.0	WSW	1.5	WSW	1.0	ENE
17:00 - 18:00	0.4	S	0.7	SW	1.0	W	0.7	NNE
18:00 - 19:00	0.5	SSW	0.3	W	0.8	SW	0.3	SW
19:00 - 20:00	0.4	WSW	0.3	SSE	0.6	SW	0.3	SW
20:00 - 21:00	0.2	NW	0.4	SSE	0.4	SSW	0.6	SSW
21:00 - 22:00	0.4	SSW	0.5	NNW	0.5	N	1.4	SW
22:00 - 23:00	0.3	WSW	0.4	W	0.2	NW	1.1	SW
23:00 - 24:00	0.9	SW	0.4	SSW	0.3	NW	1.1	SSW
00:00 - 01:00	0.6	SW	0.7	WSW	0.4	NW	0.6	SSW
01:00 - 02:00	0.3	S	0.6	WSW	0.2	NW	0.3	SSW
02:00 - 03:00	0.3	SW	0.1	WSW	0.3	W	0.3	NNW
03:00 - 04:00	0.2	SW	0.5	SW	0.4	WSW	0.2	NW
04:00 - 05:00	0.2	NE	0.4	SSW	0.4	WSW	0.3	N
05:00 - 06:00	0.2	NNE	0.3	S	0.4	SE	0.3	NW
06:00 - 07:00	0.2	ENE	0.7	SSE	0.6	N	0.6	NNW
07:00 - 08:00	0.5	NE	0.9	S	0.8	WNW	1.0	SSW
08:00 - 09:00	0.8	W	1.1	SSW	0.9	WNW	0.9	SSW
09:00 - 10:00	1.2	SW	1.2	SSW	1.1	NNW	1.1	WSW

Wind Rose



File Control R:\Database\Windrose\FileControl\Win-225046-Banna Klang School 17-24 Apr 2025

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose

### MTR-REN Operation

Location : Banna Klang School

Monitor period : 17-24 Apr 2025

Wind Speed Model : Scarlet WS-21

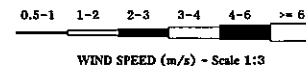
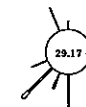
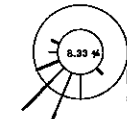
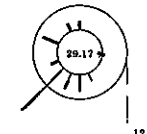
Serial No : AD:16

Wind Direction Model : Scarlet WS-21

Serial No : AD:16

Time	21-22 Apr 2025		22-23 Apr 2025		23-24 Apr 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
10:00 - 11:00	1.2	WNW	1.4	WSW	1.6	SSW
11:00 - 12:00	1.4	WSW	1.4	SW	1.4	SW
12:00 - 13:00	1.1	NNW	1.4	SW	1.2	SW
13:00 - 14:00	1.2	WNW	1.5	WNW	1.4	SW
14:00 - 15:00	1.1	N	1.7	SE	3.1	SW
15:00 - 16:00	0.9	SSW	1.2	WSW	1.3	SW
16:00 - 17:00	1.6	SSW	0.9	SSW	0.8	N
17:00 - 18:00	1.3	SW	1.5	SW	0.8	WSW
18:00 - 19:00	0.6	SW	1.0	SW	0.4	NE
19:00 - 20:00	0.8	S	0.9	SSW	0.4	SSW
20:00 - 21:00	0.7	SW	0.9	S	0.7	S
21:00 - 22:00	0.8	S	0.9	S	0.7	S
22:00 - 23:00	0.6	SW	0.7	S	0.7	S
23:00 - 24:00	0.3	W	0.9	SSW	0.5	SSW
00:00 - 01:00	0.2	SW	0.4	SSW	0.7	S
01:00 - 02:00	0.4	SSW	0.4	SW	0.4	SSW
02:00 - 03:00	0.3	WSW	0.7	W	0.3	NW
03:00 - 04:00	0.3	WSW	1.1	WSW	0.3	ESE
04:00 - 05:00	0.3	N	0.6	SSW	0.4	SE
05:00 - 06:00	0.4	S	0.5	SW	0.3	NW
06:00 - 07:00	0.6	SSE	0.7	SW	0.5	NNW
07:00 - 08:00	0.8	SW	0.9	SSW	0.7	NNW
08:00 - 09:00	1.2	SW	1.1	SW	0.9	NNW
09:00 - 10:00	1.1	SW	1.2	SSW	0.5	WSW

Wind Rose



File Control R:\Database\Windrose\FileControl\Win-225046-Banna Klang School 17-24 Apr 2025

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose MTR-REN Operation

Location : Nong Bon Temple

Monitor period : 17-24 Apr 2025

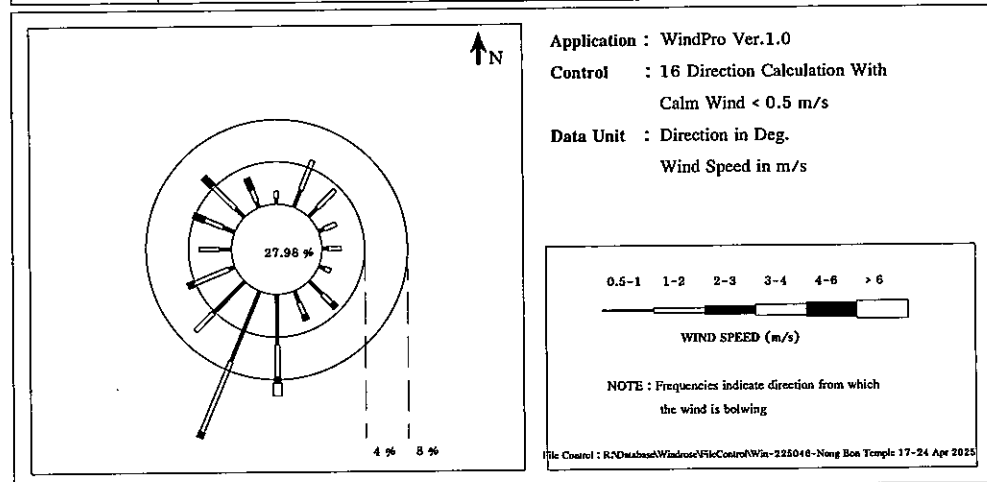
Wind Speed Model : Scarlet WS-21

Serial No : AD:06

Wind Direction Model : Scarlet WS-21

Serial No : AD:06

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0060	0.0060	0.0000	0.0000	0.0000	0.0000	0.0119
NNE	0.0179	0.0298	0.0000	0.0000	0.0000	0.0000	0.0476
NE	0.0119	0.0238	0.0000	0.0000	0.0000	0.0000	0.0357
ENE	0.0060	0.0119	0.0000	0.0000	0.0000	0.0000	0.0179
E	0.0080	0.0119	0.0000	0.0000	0.0000	0.0000	0.0179
ESE	0.0060	0.0060	0.0000	0.0000	0.0000	0.0000	0.0119
SE	0.0179	0.0119	0.0060	0.0000	0.0000	0.0000	0.0357
SSE	0.0119	0.0119	0.0060	0.0000	0.0000	0.0000	0.0298
S	0.0476	0.0298	0.0060	0.0119	0.0000	0.0000	0.0952
SSW	0.0714	0.0714	0.0060	0.0000	0.0000	0.0000	0.1488
SW	0.0417	0.0238	0.0000	0.0000	0.0000	0.0000	0.0655
WSW	0.0060	0.0357	0.0060	0.0000	0.0000	0.0000	0.0476
W	0.0119	0.0179	0.0000	0.0000	0.0000	0.0000	0.0298
WNW	0.0119	0.0179	0.0119	0.0000	0.0000	0.0000	0.0417
NW	0.0119	0.0298	0.0119	0.0000	0.0000	0.0000	0.0536
NNW	0.0060	0.0119	0.0119	0.0000	0.0000	0.0000	0.0298
CALM	0.2798						



(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose MTR-REN Operation

Location : Nong Bon Temple

Monitor period : 17-24 Apr 2025

Wind Speed Model : Scarlet WS-21

Serial No : AD:06

Wind Direction Model : Scarlet WS-21

Serial No : AD:06

Time	17-18 Apr 2025		18-19 Apr 2025		19-20 Apr 2025		20-21 Apr 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
08:00 - 09:00	2.2	WNW	0.6	E	1.2	S	1.1	SE
09:00 - 10:00	2.1	NW	1.0	SSW	1.3	SW	1.2	ENE
10:00 - 11:00	3.5	S	1.5	W	1.4	NNW	1.6	NNE
11:00 - 12:00	2.0	WNW	1.4	NNE	1.3	S	1.4	NW
12:00 - 13:00	2.1	NW	1.5	NE	1.5	SSE	2.0	NNW
13:00 - 14:00	3.6	S	1.6	WSW	1.9	E	1.3	ESE
14:00 - 15:00	2.2	SE	2.1	NNW	1.8	SSE	1.3	NE
15:00 - 16:00	1.0	SSW	0.9	SSW	1.3	WSW	1.1	ENE
16:00 - 17:00	1.3	SSW	0.9	WNW	1.5	WNW	1.2	NE
17:00 - 18:00	0.8	SE	0.8	WNW	1.2	NW	1.7	NE
18:00 - 19:00	0.9	S	0.8	NNE	1.2	WNW	0.9	ENE
19:00 - 20:00	0.4	SSW	0.5	W	0.8	SW	0.6	S
20:00 - 21:00	0.3	W	0.4	SE	0.5	NW	0.6	SSW
21:00 - 22:00	0.4	SSW	0.6	S	0.3	S	0.4	WNW
22:00 - 23:00	0.4	S	0.3	E	0.4	E	0.7	SW
23:00 - 24:00	0.6	SW	0.2	SSW	0.6	NNE	0.6	SSW
00:00 - 01:00	0.6	SW	0.6	WSW	0.6	NE	0.9	SSW
01:00 - 02:00	0.8	SW	0.4	WNW	0.9	N	0.8	SSW
02:00 - 03:00	0.4	S	0.2	SSW	0.2	NW	0.4	WNW
03:00 - 04:00	0.3	S	0.1	WSW	0.6	W	0.1	SE
04:00 - 05:00	0.2	WSW	0.2	SSW	0.5	SW	0.2	NE
05:00 - 06:00	0.3	ESE	0.4	SSE	0.2	WNW	0.2	ESE
06:00 - 07:00	0.3	ENE	0.6	S	0.5	SE	0.4	NNE
07:00 - 08:00	0.4	SE	0.9	SSE	0.7	NE	0.8	NNE



(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose

### MTR-REN Operation

Location : Nong Bon Temple

Monitor period : 17-24 Apr 2025

Wind Speed Model : Scarlet WS-21

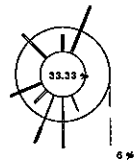
Serial No : AD:06

Wind Direction Model : Scarlet WS-21

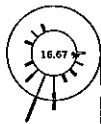
Serial No : AD:06

Time	21-22 Apr 2025		22-23 Apr 2025		23-24 Apr 2025		
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	
08:00 - 09:00	1.2	S	0.8	ESE	1.1	W	
09:00 - 10:00	1.2	N	1.2	S	1.2	SSW	
10:00 - 11:00	1.7	NW	1.2	NNW	1.6	SW	
11:00 - 12:00	1.7	NNE	1.5	E	2.0	WSW	
12:00 - 13:00	1.9	NNE	1.5	SE	1.6	WSW	
13:00 - 14:00	1.2	WSW	1.9	WNW	1.5	SSW	
14:00 - 15:00	1.2	NW	2.4	SSE	2.6	SSW	
15:00 - 16:00	1.4	NNE	2.0	S	1.6	W	
16:00 - 17:00	1.9	WSW	1.1	SW	1.1	SSW	
17:00 - 18:00	1.9	SSW	1.0	WSW	1.4	NW	
18:00 - 19:00	1.4	SW	0.4	S	0.4	NNW	
19:00 - 20:00	1.3	S	0.5	SSW	0.8	SE	
20:00 - 21:00	0.8	SSW	1.2	SSW	0.6	SSW	
21:00 - 22:00	0.8	SSW	1.7	SSW	1.7	SSW	
22:00 - 23:00	0.2	NW	1.2	SSW	1.0	SSW	
23:00 - 24:00	0.4	NW	0.8	SSW	0.5	SSW	
00:00 - 01:00	0.2	SSE	0.6	SSW	0.6	S	
01:00 - 02:00	0.1	S	0.4	SSW	0.4	S	
02:00 - 03:00	0.3	S	0.4	NW	0.1	S	
03:00 - 04:00	0.1	SSE	0.5	NW	0.1	NNE	
04:00 - 05:00	0.1	SE	0.7	SW	0.3	S	
05:00 - 06:00	0.4	S	0.6	S	0.2	NW	
06:00 - 07:00	0.8	S	0.3	S	0.6	NNW	
07:00 - 08:00	0.7	SSE	0.7	S	0.3	S	

Wind Rose



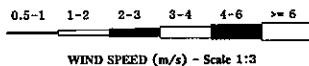
6 %



12 %



12 %



WIND SPEED (m/s) - Scale 1:3

File Control : R:\Database\Windrose\FileControl\Win-225048-Nong Bon Temple 17-24 Apr 2025

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose

### MTR-REN Operation

Location : Nong Takai Temple

Monitor period : 17-24 Apr 2025

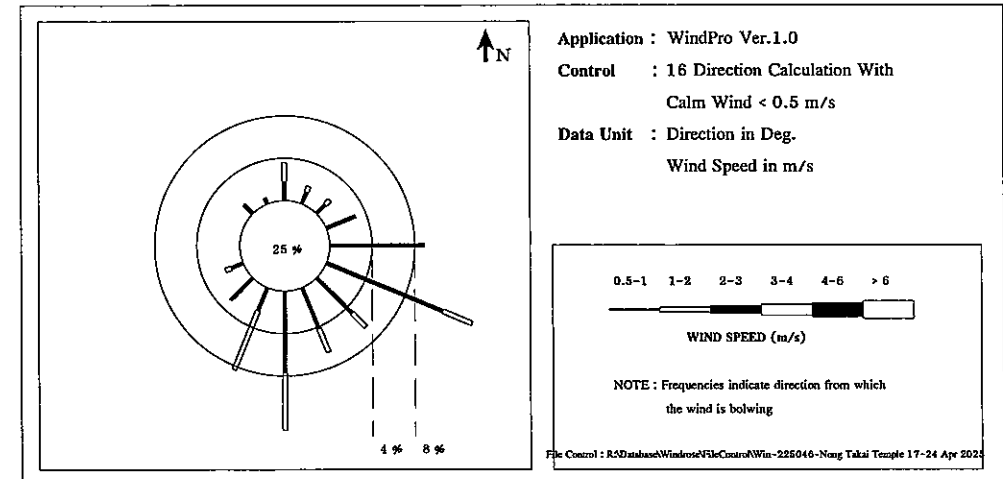
Wind Speed Model : Scarlet WS-21

Serial No : AD:41

Wind Direction Model : Scarlet WS-21

Serial No : AD:41

Direction	Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed						Total
	0.5-1 m/s	1-2 m/s	2-3 m/s	3-4 m/s	4-6 m/s	More than 6	
N	0.0179	0.0179	0.0000	0.0000	0.0000	0.0000	0.0357
NNE	0.0119	0.0060	0.0000	0.0000	0.0000	0.0000	0.0179
NE	0.0119	0.0060	0.0000	0.0000	0.0000	0.0000	0.0179
ENE	0.0298	0.0000	0.0000	0.0000	0.0000	0.0000	0.0298
E	0.0893	0.0000	0.0000	0.0000	0.0000	0.0000	0.0893
ESE	0.1190	0.0298	0.0000	0.0000	0.0000	0.0000	0.1488
SE	0.0476	0.0179	0.0000	0.0000	0.0000	0.0000	0.0655
SSE	0.0417	0.0238	0.0000	0.0000	0.0000	0.0000	0.0655
S	0.0774	0.0536	0.0000	0.0000	0.0000	0.0000	0.1310
SSW	0.0238	0.0595	0.0000	0.0000	0.0000	0.0000	0.0833
SW	0.0298	0.0000	0.0000	0.0000	0.0000	0.0000	0.0298
WSW	0.0119	0.0060	0.0000	0.0000	0.0000	0.0000	0.0179
W	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NW	0.0119	0.0000	0.0000	0.0000	0.0000	0.0000	0.0119
NNW	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060
CALM	0.2500						



(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose

### MTR-REN Operation

Location : Nong Takai Temple

Monitor period : 17-24 Apr 2025

Wind Speed Model : Scarlet WS-21

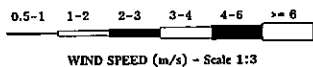
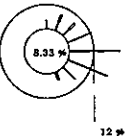
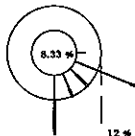
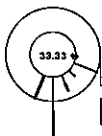
Serial No : AD:41

Wind Direction Model : Scarlet WS-21

Serial No : AD:41

Time	17-18 Apr 2025		18-19 Apr 2025		19-20 Apr 2025		20-21 Apr 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
09:00 - 10:00	1.0	ESE	1.0	S	0.9	SSE	0.7	E
10:00 - 11:00	1.1	SE	0.9	SSE	0.9	SSE	0.8	E
11:00 - 12:00	1.2	SSE	1.0	S	1.0	SE	0.7	SE
12:00 - 13:00	1.3	S	1.3	SSW	1.0	SE	1.6	SSE
13:00 - 14:00	1.4	SSW	1.2	SSW	0.9	ESE	0.9	SE
14:00 - 15:00	1.7	SSW	1.0	SSE	1.0	ESE	0.8	ESE
15:00 - 16:00	1.8	SSW	1.1	S	0.8	SE	0.6	ESE
16:00 - 17:00	1.6	SSW	1.1	SSW	1.0	SSE	0.6	E
17:00 - 18:00	0.9	S	0.6	S	1.2	S	0.6	E
18:00 - 19:00	0.9	SE	0.0	SSE	1.5	S	0.8	ENE
19:00 - 20:00	0.9	SE	0.3	SE	1.3	S	0.6	E
20:00 - 21:00	1.0	S	0.4	SSE	0.8	S	0.6	E
21:00 - 22:00	0.9	S	0.3	SSE	0.8	S	0.6	ESE
22:00 - 23:00	0.4	S	0.9	S	1.0	S	0.6	ESE
23:00 - 24:00	0.0	SSW	0.9	S	0.9	S	0.6	ESE
00:00 - 01:00	0.0	S	0.6	S	0.2	ESE	0.3	ESE
01:00 - 02:00	0.1	SSE	0.1	SSW	0.4	ESE	0.5	NE
02:00 - 03:00	0.1	S	0.3	N	0.5	ESE	0.0	E
03:00 - 04:00	0.5	E	0.0	SSW	0.7	ESE	0.7	N
04:00 - 05:00	0.7	ESE	0.3	E	0.7	ESE	0.6	NNE
05:00 - 06:00	0.5	SE	0.6	ESE	0.6	E	0.6	ENE
06:00 - 07:00	0.6	SE	0.5	ESE	0.6	ESE	1.0	NE
07:00 - 08:00	0.6	SSE	0.8	ESE	0.7	ESE	1.1	NNE
08:00 - 09:00	1.4	SSW	0.7	SE	0.7	ESE	0.8	ENE

Wind Rose



(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Meteorological Monitoring Results : Wind Rose

### MTR-REN Operation

Location : Nong Takai Temple

Monitor period : 17-24 Apr 2025

Wind Speed Model : Scarlet WS-21

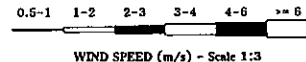
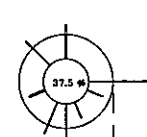
Serial No : AD:41

Wind Direction Model : Scarlet WS-21

Serial No : AD:41

Time	21-22 Apr 2025		22-23 Apr 2025		23-24 Apr 2025	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
09:00 - 10:00	0.9	SSE	1.1	N	0.9	ESE
10:00 - 11:00	1.2	SSW	1.3	N	1.0	ESE
11:00 - 12:00	0.6	NE	0.8	E	1.0	ESE
12:00 - 13:00	0.9	N	0.9	NW	1.0	ESE
13:00 - 14:00	0.8	NNE	1.0	WSW	0.9	ENE
14:00 - 15:00	0.6	E	0.9	S	0.8	E
15:00 - 16:00	0.7	ESE	0.7	E	0.7	ESE
16:00 - 17:00	0.7	S	0.6	E	0.7	E
17:00 - 18:00	1.1	SSW	0.9	SSE	0.4	ESE
18:00 - 19:00	0.8	SW	0.8	SSW	0.2	S
19:00 - 20:00	0.6	SW	0.6	SSW	0.6	SW
20:00 - 21:00	0.6	S	0.3	SSW	0.7	SW
21:00 - 22:00	0.1	SSW	0.2	SW	0.2	WSW
22:00 - 23:00	0.2	SSW	0.8	NW	0.2	S
23:00 - 24:00	0.6	WSW	0.2	W	0.0	S
00:00 - 01:00	0.1	WSW	0.2	SSW	0.2	S
01:00 - 02:00	0.2	SW	0.8	S	0.0	SW
02:00 - 03:00	0.6	WSW	0.2	W	0.0	S
03:00 - 04:00	0.1	NW	0.2	SE	0.0	SSE
04:00 - 05:00	0.2	W	0.0	WSW	0.5	SSW
05:00 - 06:00	0.1	N	0.2	ENE	0.5	SW
06:00 - 07:00	0.5	N	0.4	E	0.6	SSW
07:00 - 08:00	1.0	N	0.8	ESE	0.6	SSE
08:00 - 09:00	0.8	NNW	0.9	E	0.7	ENE

Wind Rose



(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team





## Ambient Air Monitoring Results : Nitrogen dioxide MTR-REN Operation

Location : Santi Silaram Temple Monitor Period : 17-24 Apr 2025  
Analyzer Model : Thermo 42C Station No : Shelter 18  
Serial No : 0426708263 Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Teledyne 700E Serial No : 587  
Calibration Gas Cylinder I.D.: EB0102326  
Certified Date : 08 Jan 2025 Cal Concentration (ppb) : 0,100,200,400  
Expire Date : 07 Jan 2026

Time	NO2 Concentration (ppm)						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
11:00 - 12:00	0.0095	0.0109	0.0101	0.0096	0.0108	0.0103	0.0107
12:00 - 13:00	0.0101	0.0088	0.0097	0.0092	0.0111	0.0092	0.0102
13:00 - 14:00	0.0097	0.0090	0.0096	0.0095	0.0101	0.0097	0.0097
14:00 - 15:00	0.0087	0.0092	0.0087	0.0092	0.0094	0.0089	0.0091
15:00 - 16:00	0.0090	0.0100	0.0100	0.0106	0.0100	0.0103	0.0093
16:00 - 17:00	0.0095	0.0107	0.0098	0.0087	0.0087	0.0105	0.0087
17:00 - 18:00	0.0103	0.0104	0.0094	0.0100	0.0109	0.0097	0.0092
18:00 - 19:00	0.0091	0.0102	0.0102	0.0108	0.0091	0.0102	0.0096
19:00 - 20:00	0.0097	0.0104	0.0101	0.0102	0.0092	0.0089	0.0091
20:00 - 21:00	0.0104	0.0108	0.0095	0.0089	0.0096	0.0097	0.0086
21:00 - 22:00	0.0085	0.0096	0.0108	0.0108	0.0094	0.0097	0.0103
22:00 - 23:00	0.0091	0.0095	0.0103	0.0096	0.0103	0.0086	0.0109
23:00 - 00:00	0.0084	0.0102	0.0088	0.0095	0.0095	0.0089	0.0109
00:00 - 01:00	0.0106	0.0099	0.0087	0.0091	0.0107	0.0107	0.0095
01:00 - 02:00	0.0096	0.0095	0.0102	0.0089	0.0096	0.0097	0.0096
02:00 - 03:00	0.0099	0.0088	0.0089	0.0110	0.0100	0.0103	0.0093
03:00 - 04:00	0.0094	0.0096	0.0087	0.0096	0.0102	0.0100	0.0105
04:00 - 05:00	0.0095	0.0088	0.0100	0.0103	0.0090	0.0097	0.0102
05:00 - 06:00	0.0090	0.0098	0.0113	0.0092	0.0097	0.0100	0.0109
06:00 - 07:00	0.0097	0.0098	0.0126	0.0109	0.0092	0.0096	0.0094
07:00 - 08:00	0.0103	0.0094	0.0097	0.0099	0.0104	0.0110	0.0097
08:00 - 09:00	0.0088	0.0100	0.0087	0.0100	0.0091	0.0096	0.0101
09:00 - 10:00	0.0098	0.0094	0.0097	0.0108	0.0090	0.0094	0.0094
10:00 - 11:00	0.0085	0.0096	0.0098	0.0103	0.0103	0.0093	0.0108
Average-24Hr*	0.0095	0.0098	0.0098	0.0099	0.0098	0.0097	0.0098
Max-1Hr	0.0106	0.0109	0.0126	0.0110	0.0111	0.0110	0.0109
Min-1Hr	0.0085	0.0088	0.0087	0.0087	0.0087	0.0086	0.0086
Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr	-						

Remark : \* Average time between 11:00-11:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preeda S.  
(Miss Preeda Somjai)  
Technical Management Team



## Ambient Air Monitoring Results : Nitrogen dioxide MTR-REN Operation

Location : Banna Klang School Monitor Period : 17-24 Apr 2025  
Analyzer Model : API 200A Station No : Shelter 16  
Serial No : 2365 Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Teledyne 700E Serial No : 587  
Calibration Gas Cylinder I.D.: EB0102326  
Certified Date : 08 Jan 2025 Cal Concentration (ppb) : 0,100,200,400  
Expire Date : 07 Jan 2026

Time	NO2 Concentration (ppm)						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
10:00 - 11:00	0.0085	0.0096	0.0095	0.0086	0.0102	0.0079	0.0092
11:00 - 12:00	0.0101	0.0089	0.0085	0.0082	0.0076	0.0086	0.0097
12:00 - 13:00	0.0093	0.0088	0.0087	0.0085	0.0087	0.0093	0.0082
13:00 - 14:00	0.0086	0.0097	0.0086	0.0083	0.0099	0.0081	0.0080
14:00 - 15:00	0.0081	0.0096	0.0092	0.0093	0.0097	0.0092	0.0103
15:00 - 16:00	0.0107	0.0096	0.0100	0.0085	0.0084	0.0088	0.0097
16:00 - 17:00	0.0086	0.0094	0.0095	0.0079	0.0093	0.0083	0.0098
17:00 - 18:00	0.0092	0.0102	0.0101	0.0089	0.0105	0.0084	0.0085
18:00 - 19:00	0.0089	0.0097	0.0087	0.0079	0.0089	0.0102	0.0091
19:00 - 20:00	0.0104	0.0074	0.0095	0.0101	0.0082	0.0078	0.0101
20:00 - 21:00	0.0095	0.0106	0.0086	0.0105	0.0102	0.0085	0.0092
21:00 - 22:00	0.0097	0.0077	0.0075	0.0097	0.0086	0.0101	0.0080
22:00 - 23:00	0.0089	0.0092	0.0083	0.0093	0.0084	0.0091	0.0104
23:00 - 00:00	0.0090	0.0093	0.0095	0.0092	0.0090	0.0088	0.0104
00:00 - 01:00	0.0085	0.0100	0.0097	0.0098	0.0107	0.0086	0.0082
01:00 - 02:00	0.0103	0.0096	0.0103	0.0098	0.0092	0.0079	0.0082
02:00 - 03:00	0.0082	0.0106	0.0085	0.0091	0.0105	0.0092	0.0088
03:00 - 04:00	0.0088	0.0088	0.0091	0.0087	0.0100	0.0091	0.0103
04:00 - 05:00	0.0085	0.0104	0.0080	0.0087	0.0084	0.0092	0.0087
05:00 - 06:00	0.0088	0.0079	0.0082	0.0096	0.0077	0.0077	0.0085
06:00 - 07:00	0.0087	0.0092	0.0096	0.0091	0.0099	0.0102	0.0103
07:00 - 08:00	0.0088	0.0094	0.0088	0.0082	0.0090	0.0090	0.0085
08:00 - 09:00	0.0099	0.0079	0.0094	0.0081	0.0101	0.0087	0.0106
09:00 - 10:00	0.0089	0.0101	0.0098	0.0099	0.0083	0.0085	0.0086
Average-24Hr*	0.0092	0.0093	0.0091	0.0090	0.0092	0.0088	0.0092
Max-1Hr	0.0107	0.0106	0.0103	0.0105	0.0107	0.0102	0.0108
Min-1Hr	0.0081	0.0074	0.0075	0.0079	0.0076	0.0077	0.0080
Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr	-						

Remark : \* Average time between 10:00-10:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preeda S.  
(Miss Preeda Somjai)  
Technical Management Team



## Ambient Air Monitoring Results : Nitrogen dioxide MTR-REN Operation

Location : Nong Bon Temple

Monitor Period : 17-24 Apr 2025

Analyzer Model : API 200A

Station No : Shelter 19

Serial No : 074

Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Teledyne 700E

Serial No : 587

Calibration Gas Cylinder I.D.: EB0102326

Certified Date : 08 Jan 2025

Cal Concentration (ppb) : 0,100,200,400

Expire Date : 07 Jan 2026

Time	NO2 Concentration (ppm)						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
08:00 - 09:00	0.0101	0.0095	0.0099	0.0088	0.0094	0.0088	0.0104
09:00 - 10:00	0.0095	0.0084	0.0095	0.0098	0.0096	0.0075	0.0084
10:00 - 11:00	0.0104	0.0097	0.0084	0.0102	0.0085	0.0094	0.0090
11:00 - 12:00	0.0102	0.0090	0.0086	0.0098	0.0094	0.0103	0.0111
12:00 - 13:00	0.0093	0.0090	0.0086	0.0092	0.0096	0.0086	0.0092
13:00 - 14:00	0.0079	0.0100	0.0086	0.0108	0.0093	0.0097	0.0092
14:00 - 15:00	0.0096	0.0090	0.0089	0.0091	0.0085	0.0098	0.0089
15:00 - 16:00	0.0084	0.0100	0.0101	0.0080	0.0090	0.0093	0.0087
16:00 - 17:00	0.0101	0.0095	0.0088	0.0078	0.0094	0.0088	0.0092
17:00 - 18:00	0.0092	0.0080	0.0108	0.0109	0.0087	0.0087	0.0094
18:00 - 19:00	0.0087	0.0091	0.0109	0.0098	0.0108	0.0094	0.0104
19:00 - 20:00	0.0092	0.0101	0.0093	0.0103	0.0095	0.0087	0.0106
20:00 - 21:00	0.0099	0.0103	0.0085	0.0105	0.0088	0.0103	0.0098
21:00 - 22:00	0.0091	0.0091	0.0085	0.0092	0.0090	0.0097	0.0090
22:00 - 23:00	0.0098	0.0096	0.0094	0.0097	0.0087	0.0096	0.0078
23:00 - 00:00	0.0109	0.0109	0.0095	0.0110	0.0086	0.0092	0.0100
00:00 - 01:00	0.0087	0.0084	0.0088	0.0107	0.0086	0.0080	0.0091
01:00 - 02:00	0.0107	0.0105	0.0076	0.0096	0.0095	0.0092	0.0095
02:00 - 03:00	0.0095	0.0091	0.0086	0.0078	0.0101	0.0091	0.0083
03:00 - 04:00	0.0087	0.0090	0.0099	0.0090	0.0086	0.0081	0.0093
04:00 - 05:00	0.0103	0.0106	0.0097	0.0096	0.0102	0.0104	0.0097
05:00 - 06:00	0.0097	0.0098	0.0100	0.0102	0.0110	0.0105	0.0077
06:00 - 07:00	0.0093	0.0107	0.0093	0.0105	0.0088	0.0079	0.0082
07:00 - 08:00	0.0077	0.0105	0.0079	0.0086	0.0101	0.0105	0.0093
Average-24Hr*	0.0095	0.0096	0.0092	0.0096	0.0093	0.0092	0.0093
Max-1Hr	0.0109	0.0109	0.0109	0.0110	0.0110	0.0105	0.0111
Min-1Hr	0.0077	0.0080	0.0076	0.0078	0.0085	0.0075	0.0077
Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr	-						

Remark : \* Average time between 08:00-08:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Ambient Air Monitoring Results : Nitrogen dioxide MTR-REN Operation

Location : Nong Takai Temple

Monitor Period : 17-24 Apr 2025

Analyzer Model : API 200A

Station No : Shelter 14

Serial No : 1645

Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Teledyne 700E

Serial No : 587

Calibration Gas Cylinder I.D.: EB0102326

Certified Date : 08 Jan 2025

Cal Concentration (ppb) : 0,100,200,400

Expire Date : 07 Jan 2026

Time	NO2 Concentration (ppm)						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
09:00 - 10:00	0.0110	0.0100	0.0104	0.0102	0.0106	0.0100	0.0092
10:00 - 11:00	0.0101	0.0070	0.0099	0.0100	0.0106	0.0094	0.0109
11:00 - 12:00	0.0098	0.0068	0.0098	0.0097	0.0097	0.0106	0.0093
12:00 - 13:00	0.0095	0.0110	0.0101	0.0093	0.0098	0.0105	0.0109
13:00 - 14:00	0.0105	0.0108	0.0102	0.0099	0.0094	0.0113	0.0090
14:00 - 15:00	0.0106	0.0091	0.0094	0.0097	0.0097	0.0093	0.0103
15:00 - 16:00	0.0104	0.0098	0.0109	0.0097	0.0103	0.0091	0.0098
16:00 - 17:00	0.0097	0.0096	0.0105	0.0099	0.0090	0.0088	0.0095
17:00 - 18:00	0.0095	0.0095	0.0091	0.0105	0.0094	0.0093	0.0098
18:00 - 19:00	0.0102	0.0096	0.0104	0.0109	0.0106	0.0100	0.0094
19:00 - 20:00	0.0107	0.0108	0.0095	0.0091	0.0104	0.0090	0.0106
20:00 - 21:00	0.0100	0.0089	0.0110	0.0111	0.0102	0.0110	0.0095
21:00 - 22:00	0.0107	0.0104	0.0095	0.0106	0.0103	0.0096	0.0097
22:00 - 23:00	0.0090	0.0104	0.0105	0.0100	0.0101	0.0112	0.0093
23:00 - 00:00	0.0106	0.0098	0.0104	0.0103	0.0105	0.0103	0.0097
00:00 - 01:00	0.0091	0.0092	0.0096	0.0093	0.0097	0.0106	0.0087
01:00 - 02:00	0.0102	0.0103	0.0105	0.0103	0.0090	0.0095	0.0088
02:00 - 03:00	0.0100	0.0091	0.0100	0.0098	0.0105	0.0099	0.0099
03:00 - 04:00	0.0102	0.0090	0.0104	0.0091	0.0101	0.0111	0.0100
04:00 - 05:00	0.0091	0.0109	0.0096	0.0103	0.0100	0.0102	0.0106
05:00 - 06:00	0.0097	0.0086	0.0098	0.0102	0.0095	0.0105	0.0103
06:00 - 07:00	0.0094	0.0102	0.0097	0.0109	0.0101	0.0100	0.0089
07:00 - 08:00	0.0097	0.0108	0.0105	0.0103	0.0097	0.0098	0.0094
08:00 - 09:00	0.0098	0.0105	0.0113	0.0096	0.0101	0.0107	0.0093
Average-24Hr*	0.0100	0.0097	0.0101	0.0100	0.0100	0.0101	0.0097
Max-1Hr	0.0110	0.0110	0.0113	0.0111	0.0106	0.0113	0.0109
Min-1Hr	0.0090	0.0068	0.0091	0.0091	0.0090	0.0088	0.0087
Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr	-						

Remark : \* Average time between 09:00-09:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Ambient Air Monitoring Results : Sulfur dioxide MTR-REN Operation

Location : Santi Silaram Temple

Analyzer Model : Thermo 43C

Serial No : 0607415773

Monitor Period : 17-24 Apr 2025

Station No : Shelter 18

Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Teledyne 700E

Serial No : 587

Calibration Gas Cylinder I.D.: EB0102326

Certified Date : 10 Jan 2025

Cal Concentration (ppb) : 0,100,200,400

Expire Date : 09 Jan 2026

Time	SO2 Concentration (ppm)						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
11:00 - 12:00	0.0018	0.0026	0.0023	0.0025	0.0029	0.0027	0.0027
12:00 - 13:00	0.0019	0.0026	0.0023	0.0027	0.0017	0.0025	0.0027
13:00 - 14:00	0.0020	0.0023	0.0029	0.0021	0.0019	0.0017	0.0020
14:00 - 15:00	0.0022	0.0029	0.0026	0.0025	0.0026	0.0028	0.0029
15:00 - 16:00	0.0021	0.0024	0.0019	0.0024	0.0020	0.0027	0.0029
16:00 - 17:00	0.0018	0.0027	0.0022	0.0022	0.0017	0.0029	0.0022
17:00 - 18:00	0.0020	0.0025	0.0022	0.0020	0.0018	0.0017	0.0022
18:00 - 19:00	0.0021	0.0027	0.0020	0.0020	0.0025	0.0028	0.0020
19:00 - 20:00	0.0020	0.0025	0.0019	0.0019	0.0029	0.0023	0.0017
20:00 - 21:00	0.0029	0.0027	0.0018	0.0024	0.0028	0.0026	0.0028
21:00 - 22:00	0.0029	0.0017	0.0020	0.0028	0.0029	0.0029	0.0021
22:00 - 23:00	0.0020	0.0028	0.0029	0.0023	0.0021	0.0029	0.0017
23:00 - 00:00	0.0022	0.0017	0.0017	0.0025	0.0023	0.0022	0.0028
00:00 - 01:00	0.0021	0.0029	0.0020	0.0027	0.0028	0.0024	0.0024
01:00 - 02:00	0.0025	0.0017	0.0029	0.0020	0.0022	0.0019	0.0020
02:00 - 03:00	0.0018	0.0029	0.0025	0.0022	0.0018	0.0024	0.0017
03:00 - 04:00	0.0027	0.0028	0.0017	0.0022	0.0018	0.0023	0.0026
04:00 - 05:00	0.0025	0.0029	0.0017	0.0017	0.0027	0.0027	0.0023
05:00 - 06:00	0.0022	0.0017	0.0023	0.0021	0.0017	0.0020	0.0022
06:00 - 07:00	0.0017	0.0017	0.0019	0.0029	0.0023	0.0022	0.0027
07:00 - 08:00	0.0021	0.0018	0.0021	0.0020	0.0023	0.0025	0.0027
08:00 - 09:00	0.0017	0.0024	0.0023	0.0021	0.0029	0.0028	0.0017
09:00 - 10:00	0.0026	0.0021	0.0023	0.0019	0.0021	0.0022	0.0027
10:00 - 11:00	0.0018	0.0026	0.0022	0.0017	0.0021	0.0023	0.0037
Average-24Hr*	0.0022	0.0024	0.0022	0.0022	0.0023	0.0024	0.0024
Max-1Hr	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0037
Min-1Hr	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : \* Average time between 11:00-11:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Ambient Air Monitoring Results : Sulfur dioxide MTR-REN Operation

Location : Banna Klang School

Analyzer Model : API 100A

Serial No : 382

Monitor Period : 17-24 Apr 2025

Station No : Shelter 16

Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Teledyne 700E

Serial No : 587

Calibration Gas Cylinder I.D.: EB0102326

Certified Date : 10 Jan 2025

Cal Concentration (ppb) : 0,100,200,400

Expire Date : 09 Jan 2026

Time	SO2 Concentration (ppm)						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
10:00 - 11:00	0.0016	0.0016	0.0019	0.0020	0.0026	0.0025	0.0015
11:00 - 12:00	0.0020	0.0020	0.0016	0.0021	0.0022	0.0025	0.0016
12:00 - 13:00	0.0020	0.0022	0.0018	0.0014	0.0024	0.0015	0.0016
13:00 - 14:00	0.0023	0.0021	0.0018	0.0022	0.0019	0.0016	0.0022
14:00 - 15:00	0.0016	0.0019	0.0019	0.0024	0.0014	0.0023	0.0016
15:00 - 16:00	0.0021	0.0018	0.0024	0.0024	0.0018	0.0017	0.0017
16:00 - 17:00	0.0017	0.0023	0.0020	0.0025	0.0018	0.0016	0.0021
17:00 - 18:00	0.0018	0.0025	0.0024	0.0022	0.0017	0.0018	0.0025
18:00 - 19:00	0.0020	0.0014	0.0018	0.0019	0.0014	0.0020	0.0019
19:00 - 20:00	0.0019	0.0026	0.0015	0.0022	0.0020	0.0023	0.0015
20:00 - 21:00	0.0017	0.0018	0.0020	0.0026	0.0015	0.0020	0.0022
21:00 - 22:00	0.0015	0.0023	0.0024	0.0024	0.0024	0.0026	0.0014
22:00 - 23:00	0.0021	0.0021	0.0019	0.0026	0.0025	0.0024	0.0020
23:00 - 00:00	0.0024	0.0026	0.0026	0.0022	0.0019	0.0026	0.0024
00:00 - 01:00	0.0018	0.0019	0.0017	0.0023	0.0020	0.0015	0.0021
01:00 - 02:00	0.0021	0.0017	0.0016	0.0020	0.0019	0.0022	0.0014
02:00 - 03:00	0.0026	0.0026	0.0018	0.0026	0.0026	0.0020	0.0025
03:00 - 04:00	0.0017	0.0015	0.0025	0.0025	0.0021	0.0019	0.0015
04:00 - 05:00	0.0019	0.0020	0.0020	0.0014	0.0022	0.0015	0.0025
05:00 - 06:00	0.0024	0.0025	0.0025	0.0015	0.0019	0.0026	0.0015
06:00 - 07:00	0.0020	0.0014	0.0016	0.0026	0.0018	0.0025	0.0018
07:00 - 08:00	0.0021	0.0020	0.0025	0.0016	0.0026	0.0024	0.0017
08:00 - 09:00	0.0026	0.0024	0.0025	0.0020	0.0023	0.0018	0.0016
09:00 - 10:00	0.0020	0.0017	0.0026	0.0018	0.0015	0.0016	0.0014
Average-24Hr*	0.0020	0.0020	0.0021	0.0021	0.0020	0.0021	0.0018
Max-1Hr	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0025
Min-1Hr	0.0015	0.0014	0.0015	0.0014	0.0014	0.0015	0.0014
Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : \* Average time between 10:00-10:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Ambient Air Monitoring Results : Sulfur dioxide MTR-REN Operation

Location : Nong Bon Temple

Monitor Period : 17-24 Apr 2025

Analyzer Model : API 100A

Station No : Shelter 19

Serial No : 1715

Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Teledyne 700E

Serial No : 587

Calibration Gas Cylinder I.D.: EB0102326

Certified Date : 10 Jan 2025

Cal Concentration (ppb) : 0,100,200,400

Expire Date : 09 Jan 2026

Time	SO2 Concentration (ppm)						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
08:00 - 09:00	0.0036	0.0033	0.0025	0.0017	0.0016	0.0016	0.0028
09:00 - 10:00	0.0023	0.0023	0.0033	0.0032	0.0015	0.0018	0.0032
10:00 - 11:00	0.0010	0.0028	0.0030	0.0029	0.0027	0.0026	0.0017
11:00 - 12:00	0.0008	0.0025	0.0018	0.0019	0.0019	0.0021	0.0018
12:00 - 13:00	0.0016	0.0015	0.0028	0.0018	0.0023	0.0025	0.0028
13:00 - 14:00	0.0029	0.0018	0.0015	0.0033	0.0016	0.0025	0.0019
14:00 - 15:00	0.0027	0.0020	0.0018	0.0024	0.0017	0.0027	0.0033
15:00 - 16:00	0.0033	0.0030	0.0020	0.0019	0.0033	0.0033	0.0016
16:00 - 17:00	0.0021	0.0016	0.0020	0.0019	0.0023	0.0016	0.0021
17:00 - 18:00	0.0028	0.0027	0.0027	0.0025	0.0027	0.0032	0.0026
18:00 - 19:00	0.0017	0.0015	0.0017	0.0029	0.0025	0.0018	0.0021
19:00 - 20:00	0.0033	0.0033	0.0017	0.0030	0.0028	0.0021	0.0029
20:00 - 21:00	0.0028	0.0015	0.0031	0.0023	0.0020	0.0031	0.0019
21:00 - 22:00	0.0021	0.0026	0.0016	0.0017	0.0015	0.0022	0.0018
22:00 - 23:00	0.0016	0.0026	0.0028	0.0015	0.0024	0.0029	0.0022
23:00 - 00:00	0.0026	0.0031	0.0023	0.0020	0.0033	0.0023	0.0022
00:00 - 01:00	0.0015	0.0027	0.0027	0.0017	0.0026	0.0026	0.0029
01:00 - 02:00	0.0022	0.0027	0.0027	0.0026	0.0021	0.0018	0.0019
02:00 - 03:00	0.0032	0.0031	0.0026	0.0018	0.0031	0.0032	0.0032
03:00 - 04:00	0.0016	0.0022	0.0015	0.0015	0.0032	0.0028	0.0016
04:00 - 05:00	0.0023	0.0020	0.0021	0.0023	0.0033	0.0027	0.0023
05:00 - 06:00	0.0022	0.0030	0.0023	0.0026	0.0017	0.0026	0.0021
06:00 - 07:00	0.0020	0.0032	0.0026	0.0015	0.0032	0.0018	0.0018
07:00 - 08:00	0.0017	0.0029	0.0027	0.0031	0.0025	0.0032	0.0017
Average-24Hr*	0.0022	0.0025	0.0023	0.0022	0.0024	0.0025	0.0023
Max-1Hr	0.0036	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033
Min-1Hr	0.0003	0.0015	0.0015	0.0015	0.0015	0.0016	0.0016
Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : \* Average time between 08:00-08:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preeda S.  
(Miss Preeda Somjai)  
Technical Management Team



## Ambient Air Monitoring Results : Sulfur dioxide MTR-REN Operation

Location : Nong Takai Temple

Monitor Period : 17-24 Apr 2025

Analyzer Model : API 100E

Station No : Shelter 14

Serial No : 069

Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Teledyne 700E

Serial No : 587

Calibration Gas Cylinder I.D.: EB0102326

Certified Date : 10 Jan 2025

Cal Concentration (ppb) : 0,100,200,400

Expire Date : 09 Jan 2026

Time	SO2 Concentration (ppm)						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
09:00 - 10:00	0.0013	0.0016	0.0008	0.0019	0.0010	0.0008	0.0022
10:00 - 11:00	0.0008	0.0030	0.0024	0.0028	0.0010	0.0028	0.0013
11:00 - 12:00	0.0019	0.0029	0.0017	0.0027	0.0013	0.0030	0.0027
12:00 - 13:00	0.0030	0.0019	0.0019	0.0015	0.0026	0.0031	0.0013
13:00 - 14:00	0.0029	0.0013	0.0016	0.0026	0.0017	0.0024	0.0030
14:00 - 15:00	0.0011	0.0021	0.0028	0.0018	0.0024	0.0027	0.0020
15:00 - 16:00	0.0018	0.0019	0.0025	0.0019	0.0016	0.0015	0.0031
16:00 - 17:00	0.0024	0.0028	0.0022	0.0015	0.0021	0.0020	0.0013
17:00 - 18:00	0.0030	0.0027	0.0021	0.0009	0.0025	0.0022	0.0027
18:00 - 19:00	0.0028	0.0028	0.0023	0.0024	0.0015	0.0022	0.0022
19:00 - 20:00	0.0012	0.0026	0.0011	0.0014	0.0009	0.0013	0.0029
20:00 - 21:00	0.0021	0.0009	0.0031	0.0014	0.0019	0.0023	0.0018
21:00 - 22:00	0.0030	0.0029	0.0009	0.0010	0.0011	0.0014	0.0014
22:00 - 23:00	0.0028	0.0008	0.0013	0.0027	0.0020	0.0023	0.0031
23:00 - 00:00	0.0015	0.0030	0.0008	0.0010	0.0011	0.0030	0.0025
00:00 - 01:00	0.0014	0.0008	0.0019	0.0024	0.0024	0.0014	0.0017
01:00 - 02:00	0.0013	0.0008	0.0018	0.0017	0.0031	0.0017	0.0031
02:00 - 03:00	0.0025	0.0019	0.0008	0.0015	0.0008	0.0008	0.0011
03:00 - 04:00	0.0016	0.0015	0.0026	0.0030	0.0029	0.0020	0.0026
04:00 - 05:00	0.0009	0.0018	0.0016	0.0013	0.0008	0.0009	0.0008
05:00 - 06:00	0.0008	0.0028	0.0026	0.0023	0.0024	0.0015	0.0029
06:00 - 07:00	0.0014	0.0018	0.0011	0.0019	0.0010	0.0008	0.0018
07:00 - 08:00	0.0024	0.0027	0.0010	0.0021	0.0020	0.0015	0.0012
08:00 - 09:00	0.0012	0.0030	0.0031	0.0019	0.0011	0.0010	0.0021
Average-24Hr*	0.0019	0.0021	0.0018	0.0019	0.0017	0.0019	0.0021
Max-1Hr	0.0030	0.0030	0.0031	0.0030	0.0031	0.0031	0.0031
Min-1Hr	0.0008	0.0008	0.0008	0.0009	0.0008	0.0008	0.0008
Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : \* Average time between 09:00-09:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preeda S.  
(Miss Preeda Somjai)  
Technical Management Team

## ภาคผนวก ง.2

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ใบรับรองผลการตรวจวิเคราะห์  
คุณภาพอากาศจากปล่องระบายมลพิษทางอากาศ



บริษัท ซีคอต จำกัด

SECOT CO., LTD.

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### STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-STK-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 23/04/2025	ANALYTICAL DATE	: 23-25/04/2025
REPORT DATE	: 05/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 1

#### STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 365	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 352.5	°C	Moisture Content	: 9.2	%
Gas Velocity	: 9.9	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>11</sup>	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Total Suspended Particulate	mg/Ncu.m.	3.17	4.48	20	US. EPA Method 5

*Pornnapa Budthum*

(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-0-0018

*Narisa Poowasanpetch*

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>11</sup> Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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### STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-STK-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 23/04/2025	ANALYTICAL DATE	: 23-25/04/2025
REPORT DATE	: 05/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 1

#### STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 365	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 352.5	°C	Moisture Content	: 9.2	%
Gas Velocity	: 9.9	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Particulate matter	mg/Ncu.m.	0.88	1.25	-	US. EPA Method 210A
less than 10 microns					

*Pornnapa Budthum*

(Miss Pornnapa Budthum)

Analyst

*Narisa Poowasanpetch*

(Miss Narisa Poowasanpetch)

Technical Management Team

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. - Standard is not specified.



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#### STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 30/04/2025	ANALYTICAL DATE	: 02-30/05/2025
REPORT DATE	: 30/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 1

#### STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 365	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 352.5	°C	Moisture Content	: 9.2	%
Gas Velocity	: 9.9	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>1/</sup>	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Sulfur Dioxide	ppm	0.14	0.19	15	US. EPA Method 6C
Oxides of Nitrogen	ppm	30.82	43.55	80	US. EPA Method 7E

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-0-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-0-0006

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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#### STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 30/04/2025	ANALYTICAL DATE	: 02-30/05/2025
REPORT DATE	: 30/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 1

#### STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 365	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 352.5	°C	Moisture Content	: 9.2	%
Gas Velocity	: 9.9	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>1/</sup>	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Carbon Monoxide	ppm	325.32	459.70	690	US. EPA Method 10

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-0-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-0-0006

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4. <sup>1/</sup> Notification of the Ministry of Industry, B.E.2549.

**The Monitoring Result of Emission Concentration**  
**GEG 1**  
**R E N KORAT ENERGY CO., LTD.**  
**April 22, 2025**

Run Number	Oxygen content (%)		Oxide of Nitrogen (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.13	11.08	30.62	30.60	43.31
2	11.12	11.06	30.30	30.28	42.77
3	11.11	11.05	31.59	31.58	44.56
<b>Average</b>	<b>11.12</b>	<b>11.06</b>	<b>30.84</b>	<b>30.82</b>	<b>43.55</b>

Run Number	Oxygen content (%)		Sulfur dioxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.13	11.08	0.09	0.03	0.04
2	11.12	11.06	0.20	0.13	0.18
3	11.11	11.05	0.32	0.25	0.35
<b>Average</b>	<b>11.12</b>	<b>11.06</b>	<b>0.20</b>	<b>0.14</b>	<b>0.19</b>

Run Number	Oxygen content (%)		Carbonmonoxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.13	11.08	328.75	329.24	466.03
2	11.12	11.06	325.37	325.89	460.35
3	11.11	11.05	320.28	320.82	452.73
<b>Average</b>	<b>11.12</b>	<b>11.06</b>	<b>324.80</b>	<b>325.32</b>	<b>459.70</b>

**R E N KORAT ENERGY CO., LTD.**  
**EMISSION TEST RESULT**

Date: April 22, 2025 Run #: 1  
 Start time: 11:20 AM Location: GEG 1  
 O<sub>2</sub> instrument Model: AMI 70 Finish time: 11:40 AM  
 NO<sub>x</sub> instrument Model: Teledyne 200 EM Serial No.: 121121-10  
 SO<sub>2</sub> instrument Model: API 100 AH Serial No.: 435  
 CO instrument Model: THERMO 48 C Serial No.: 060  
 Fuel Type: Fuel Gas & Fuel Oil Serial No.: 365  
 Test Operator: Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
11:20 AM	11.14	27.26	0.07	341.60
11:21 AM	11.13	30.88	0.10	335.28
11:22 AM	11.13	33.37	0.11	333.62
11:23 AM	11.08	37.80	0.18	325.47
11:24 AM	11.13	28.50	0.06	325.80
11:25 AM	11.12	27.18	0.04	327.98
11:26 AM	11.13	28.01	0.07	323.48
11:27 AM	11.16	27.31	0.03	333.50
11:28 AM	11.14	26.72	0.02	333.82
11:29 AM	11.13	28.24	0.07	338.16
11:30 AM	11.13	29.50	0.06	332.84
11:31 AM	11.13	29.71	0.04	326.85
11:32 AM	11.11	30.25	0.07	330.68
11:33 AM	11.13	35.06	0.11	319.19
11:34 AM	11.14	32.46	0.13	321.36
11:35 AM	11.15	29.62	0.13	327.03
11:36 AM	11.13	29.95	0.13	332.85
11:37 AM	11.11	30.77	0.11	331.86
11:38 AM	11.11	34.58	0.15	325.88
11:39 AM	11.13	33.55	0.15	318.55
11:40 AM	11.13	32.34	0.13	317.90
<b>Average</b>	<b>11.13</b>	<b>30.62</b>	<b>0.09</b>	<b>328.75</b>

Signature: 

Miss Katesarin Vorradetwittaya  
 Environmental Scientist

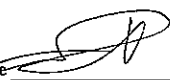


# **R E N KORAT ENERGY CO., LTD.** **EMISSION TEST RESULT**

Run # : 2

Date: April 22, 2025 Location: GEG 1  
 Start time: 11:41 AM Finish time: 12:01 PM  
 O<sub>2</sub> instrument Model: AMI 70 Serial No.: 121121-10  
 NO<sub>x</sub> instrument Model: Teledyne 200 EM Serial No.: 435  
 SO<sub>2</sub> instrument Model: API 100 AH Serial No.: 060  
 CO instrument Model: THERMO 48 C Serial No.: 365  
 Fuel Type : Fuel Gas & Fuel Oil Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
11:41 AM	11.16	27.87	0.12	323.24
11:42 AM	11.14	30.77	0.16	314.75
11:43 AM	11.14	29.77	0.14	323.24
11:44 AM	11.14	29.09	0.13	325.09
11:45 AM	11.13	30.25	0.11	324.26
11:46 AM	11.14	28.79	0.16	324.44
11:47 AM	11.13	29.07	0.15	324.12
11:48 AM	11.13	28.90	0.15	317.95
11:49 AM	11.13	29.23	0.18	326.46
11:50 AM	11.12	30.39	0.19	331.29
11:51 AM	11.13	29.34	0.21	328.45
11:52 AM	11.07	30.00	0.20	324.45
11:53 AM	11.05	31.90	0.17	318.62
11:54 AM	11.11	29.79	0.22	331.79
11:55 AM	11.10	30.74	0.23	329.63
11:56 AM	11.13	30.35	0.24	329.12
11:57 AM	11.07	30.23	0.23	337.11
11:58 AM	11.07	35.39	0.31	320.29
11:59 AM	11.13	32.07	0.24	322.97
12:00 PM	11.13	30.76	0.28	328.13
12:01 PM	11.11	31.63	0.29	327.46
Average	11.12	30.30	0.20	325.37

Signature   
 Miss Katesarin Vorradetwittaya  
 Environmental Scientist

# **R E N KORAT ENERGY CO., LTD.** **EMISSION TEST RESULT**

Run # : 3

Date: April 22, 2025 Location: GEG 1  
 Start time: 12:02 PM Finish time: 12:22 PM  
 O<sub>2</sub> instrument Model: AMI 70 Serial No.: 121121-10  
 NO<sub>x</sub> instrument Model: Teledyne 200 EM Serial No.: 435  
 SO<sub>2</sub> instrument Model: API 100 AH Serial No.: 060  
 CO instrument Model: THERMO 48 C Serial No.: 365  
 Fuel Type : Fuel Gas & Fuel Oil Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
12:02 PM	11.08	33.66	0.31	323.80
12:03 PM	11.08	34.00	0.31	319.80
12:04 PM	11.07	33.44	0.30	326.29
12:05 PM	11.10	35.27	0.29	325.13
12:06 PM	11.09	32.44	0.32	325.80
12:07 PM	11.13	31.16	0.28	327.80
12:08 PM	11.11	30.75	0.25	327.13
12:09 PM	11.12	29.47	0.29	327.31
12:10 PM	11.04	32.78	0.29	321.80
12:11 PM	11.07	31.16	0.33	316.63
12:12 PM	11.06	32.57	0.29	317.63
12:13 PM	11.13	31.48	0.35	316.65
12:14 PM	11.12	30.81	0.35	321.35
12:15 PM	11.13	30.24	0.32	318.38
12:16 PM	11.12	28.79	0.31	322.72
12:17 PM	11.14	29.74	0.35	318.22
12:18 PM	11.15	30.37	0.33	318.71
12:19 PM	11.13	32.75	0.33	313.48
12:20 PM	11.17	32.71	0.37	309.98
12:21 PM	11.16	28.58	0.35	315.64
12:22 PM	11.21	31.13	0.34	311.64
Average	11.11	31.59	0.32	320.28

Signature   
 Miss Katesarin Vorradetwittaya  
 Environmental Scientist



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### STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-STK-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 21/04/2025
RECEIVED DATE	: 23/04/2025	ANALYTICAL DATE	: 23-25/04/2025
REPORT DATE	: 05/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 2

#### STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 354	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 372.0	°C	Moisture Content	: 10.9	%
Gas Velocity	: 10.0	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>1)</sup>	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Total Suspended Particulate	mg/Ncu.m.	3.14	4.46	20	US. EPA Method 5

*Pornnapha Budthum*

(Miss Pornnapha Budthum)

Analyst

REG.NO.2-239-0-0018

*Narisa Poowasanetch*

(Miss Narisa Poowasanetch)

Technical Management Team

REG.NO.2-239-R-0010

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>1)</sup> Notification of the Ministry of Natural Resources and Environment, B.E.2566.

4. - Standard is not specified.



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SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 21/04/2025
RECEIVED DATE	: 23/04/2025	ANALYTICAL DATE	: 23-25/04/2025
REPORT DATE	: 05/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 2

#### STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 354	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 372.0	°C	Moisture Content	: 10.9	%
Gas Velocity	: 10.0	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Particulate matter less than 10 microns	mg/Ncu.m.	1.13	1.60	-	US. EPA Method 201A

*Pornnapha Budthum*

(Miss Pornnapha Budthum)

Analyst

*Narisa Poowasanetch*

(Miss Narisa Poowasanetch)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. - Standard is not specified.



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#### STACK EMISSION ANALYSIS REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-CEMS-2504-0157  
SAMPLING BY : SECOT Co., Ltd. SAMPLING DATE : 21/04/2025  
RECEIVED DATE : 30/04/2025 ANALYTICAL DATE : 02-30/05/2025  
REPORT DATE : 30/05/2025 SAMPLE CONDITION : Normal  
SOURCE DESCRIPTION : Combustion FUEL TYPE : Natural Gas  
OPERATOR : Mr. Kittipong Thakoengsuk STACK LOCATION : GEG Stack 2

#### STACK DESCRIPTION

Height : 25.0 m Flow Rate\* : 354 Ncu.m/min  
Diameter : 1.35 m Excess Oxygen : 11.1 %  
Temperature : 372.0 °C Moisture Content : 10.9 %  
Gas Velocity : 10.0 m/s

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>U</sup>	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Sulfur Dioxide	ppm	0.17	0.24	15	US. EPA Method 6C
Oxides of Nitrogen	ppm	22.41	31.78	80	US. EPA Method 7E

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO. 2-239-8-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO. 2-239-8-0006

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>U</sup> Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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#### STACK EMISSION ANALYSIS REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-CEMS-2504-0157  
SAMPLING BY : SECOT Co., Ltd. SAMPLING DATE : 21/04/2025  
RECEIVED DATE : 30/04/2025 ANALYTICAL DATE : 02-30/05/2025  
REPORT DATE : 30/05/2025 SAMPLE CONDITION : Normal  
SOURCE DESCRIPTION : Combustion FUEL TYPE : Natural Gas  
OPERATOR : Mr. Kittipong Thakoengsuk STACK LOCATION : GEG Stack 2

#### STACK DESCRIPTION

Height : 25.0 m Flow Rate\* : 354 Ncu.m/min  
Diameter : 1.35 m Excess Oxygen : 11.1 %  
Temperature : 372.0 °C Moisture Content : 10.9 %  
Gas Velocity : 10.0 m/s

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>U</sup>	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Carbon Monoxide	ppm	324.82	460.56	690	US. EPA Method 10

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO. 2-239-8-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO. 2-239-8-0006

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>U</sup> Notification of the Ministry of Industry, B.E.2549.

**The Monitoring Result of Emission Concentration**  
**GEG 2**  
**R E N KORAT ENERGY CO., LTD.**  
**April 21, 2025**

**R E N KORAT ENERGY CO., LTD.**  
**EMISSION TEST RESULT**


Run Number	Oxygen content (%)		Oxide of Nitrogen (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.18	11.10	23.65	23.63	33.52
2	11.19	11.10	22.27	22.25	31.56
3	11.19	11.09	21.39	21.36	30.27
Average	11.19	11.10	22.44	22.41	31.78

Run Number	Oxygen content (%)		Sulfur dioxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.18	11.10	0.19	0.14	0.20
2	11.19	11.10	0.25	0.19	0.27
3	11.19	11.09	0.25	0.18	0.26
Average	11.19	11.10	0.23	0.17	0.24

Run Number	Oxygen content (%)		Carbonmonoxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.18	11.10	323.24	323.48	458.81
2	11.19	11.10	324.64	324.94	460.88
3	11.19	11.09	325.68	326.05	461.99
Average	11.19	11.10	324.52	324.82	460.56

Run # : 1  
 Date: April 21, 2025  
 Location : GEG 2  
 Start time: 12:30 PM  
 Finish time: 12:50 PM  
 O<sub>2</sub> instrument Model: AMI 70  
 Serial No.: 121121-10  
 NO<sub>x</sub> instrument Model: Teledyne 200 EM  
 Serial No.: 435  
 SO<sub>2</sub> instrument Model: API 100 AH  
 Serial No.: 060  
 CO instrument Model: THERMO 48 C  
 Serial No.: 0412106049  
 Fuel Type : Fuel Gas & Fuel Oil  
 Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
12:30 PM	11.20	22.79	0.15	321.91
12:31 PM	11.22	23.12	0.12	321.51
12:32 PM	11.19	22.78	0.18	321.77
12:33 PM	11.19	23.84	0.19	324.28
12:34 PM	11.16	24.41	0.19	321.70
12:35 PM	11.18	25.40	0.19	319.71
12:36 PM	11.20	25.11	0.16	322.95
12:37 PM	11.19	22.89	0.19	324.21
12:38 PM	11.17	23.09	0.19	323.04
12:39 PM	11.21	23.98	0.19	324.62
12:40 PM	11.16	21.87	0.20	328.37
12:41 PM	11.19	22.14	0.19	327.22
12:42 PM	11.15	27.34	0.25	321.15
12:43 PM	11.18	27.14	0.21	319.32
12:44 PM	11.19	22.37	0.18	322.90
12:45 PM	11.18	19.81	0.18	321.31
12:46 PM	11.18	19.97	0.20	325.74
12:47 PM	11.18	21.27	0.25	323.74
12:48 PM	11.15	26.23	0.23	323.08
12:49 PM	11.15	26.35	0.24	324.49
12:50 PM	11.17	24.74	0.20	325.08
Average	11.18	23.65	0.19	323.24

Signature:   
 Miss Katesarin Vorradetwittaya  
 Environmental Scientist

# **R E N KORAT ENERGY CO., LTD.** **EMISSION TEST RESULT**

Run # : 2

Date: April 21, 2025 Location : GEG 2

Start time: 12:51 PM Finish time: 1:11 PM

O<sub>2</sub> instrument Model: AMI 70 Serial No.: 121121-10

NO<sub>x</sub> instrument Model: Teledyne 200 EM Serial No.: 435


SO<sub>2</sub> instrument Model: API 100 AH Serial No.: 060

CO instrument Model: THERMO 48 C Serial No.: 0412106049

Fuel Type : Fuel Gas & Fuel Oil Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
12:51 PM	11.20	20.46	0.21	323.82
12:52 PM	11.18	18.26	0.23	324.49
12:53 PM	11.12	18.53	0.22	322.42
12:54 PM	11.18	25.87	0.24	321.42
12:55 PM	11.20	20.19	0.22	328.58
12:56 PM	11.16	21.17	0.24	323.08
12:57 PM	11.21	23.28	0.21	324.09
12:58 PM	11.19	20.76	0.26	325.75
12:59 PM	11.19	21.84	0.26	324.10
1:00 PM	11.18	22.36	0.23	325.60
1:01 PM	11.20	22.44	0.26	324.77
1:02 PM	11.19	22.18	0.30	321.52
1:03 PM	11.25	23.12	0.25	329.11
1:04 PM	11.18	18.82	0.27	327.45
1:05 PM	11.20	24.06	0.27	322.79
1:06 PM	11.16	21.88	0.30	325.79
1:07 PM	11.20	25.54	0.26	323.98
1:08 PM	11.19	23.70	0.26	324.26
1:09 PM	11.19	24.43	0.28	320.12
1:10 PM	11.20	25.15	0.27	324.45
1:11 PM	11.19	23.53	0.27	329.94
Average	11.19	22.27	0.25	324.64

Signature



Miss Katesarin Vorradetwittaya

Environmental Scientist

# **R E N KORAT ENERGY CO., LTD.** **EMISSION TEST RESULT**

Run # : 3

Date: April 21, 2025 Location : GEG 2

Start time: 1:12 PM Finish time: 1:32 PM

O<sub>2</sub> instrument Model: AMI 70 Serial No.: 121121-10

NO<sub>x</sub> instrument Model: Teledyne 200 EM Serial No.: 435

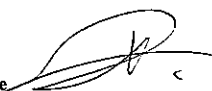
SO<sub>2</sub> instrument Model: API 100 AH Serial No.: 060

CO instrument Model: THERMO 48 C Serial No.: 0412106049

Fuel Type : Fuel Gas & Fuel Oil Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
1:12 PM	11.22	23.19	0.24	332.46
1:13 PM	11.16	23.28	0.31	325.28
1:14 PM	11.17	29.30	0.36	320.96
1:15 PM	11.17	29.82	0.29	321.12
1:16 PM	11.18	21.55	0.24	324.12
1:17 PM	11.21	18.80	0.22	326.78
1:18 PM	11.21	16.40	0.21	327.63
1:19 PM	11.18	14.74	0.24	326.47
1:20 PM	11.20	21.68	0.24	324.97
1:21 PM	11.21	16.28	0.22	329.65
1:22 PM	11.18	17.54	0.23	327.98
1:23 PM	11.15	20.43	0.25	327.65
1:24 PM	11.18	24.80	0.27	323.16
1:25 PM	11.20	20.52	0.23	326.17
1:26 PM	11.19	19.57	0.25	325.82
1:27 PM	11.20	20.32	0.22	327.67
1:28 PM	11.15	19.50	0.22	322.67
1:29 PM	11.21	24.30	0.27	326.17
1:30 PM	11.19	21.47	0.27	325.50
1:31 PM	11.20	23.10	0.25	324.01
1:32 PM	11.19	22.61	0.23	323.01
Average	11.19	21.39	0.25	325.68

Signature



Miss Katesarin Vorradetwittaya

Environmental Scientist



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-STK-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 23/04/2025	ANALYTICAL DATE	: 23-25/04/2025
REPORT DATE	: 05/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 3

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 370	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.2	%
Temperature	: 333.2	°C	Moisture Content	: 9.5	%
Gas Velocity	: 9.7	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>1/</sup>	REFERENCE METHODS
		11.2%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Total Suspended Particulate	mg/Ncu.m.	3.22	4.63	20	US. EPA Method 5

*Bongpa Puthum*

(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-9-0018

*Maini Poowasanpetch*

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-9-0010

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>1/</sup> Notification of the Ministry of Natural Resources and Environment, B.E.2566.

4. - Standard is not specified.



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-STK-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 23/04/2025	ANALYTICAL DATE	: 23-25/04/2025
REPORT DATE	: 05/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 3

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 370	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.2	%
Temperature	: 333.2	°C	Moisture Content	: 9.5	%
Gas Velocity	: 9.7	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS	REFERENCE METHODS
		11.2%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Particulate matter less than 10 microns	mg/Ncu.m.	1.05	1.51	-	US. EPA Method 201A

*Bongpa Puthum*

(Miss Pornnapa Budthum)

Analyst

*Maini Poowasanpetch*

(Miss Narisa Poowasanpetch)

Technical Management Team

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4. - Standard is not specified.



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#### STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 30/04/2025	ANALYTICAL DATE	: 02-30/05/2025
REPORT DATE	: 30/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 3

#### STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 370	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.2	%
Temperature	: 333.2	°C	Moisture Content	: 9.5	%
Gas Velocity	: 9.7	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>U</sup>	REFERENCE METHODS
		11.2%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Sulfur Dioxide	ppm	0.34	0.49	15	US. EPA Method 6C
Oxides of Nitrogen	ppm	23.85	34.31	80	US. EPA Method 7E

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-ก-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-ก-0006

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>U</sup> Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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#### STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 30/04/2025	ANALYTICAL DATE	: 02-30/05/2025
REPORT DATE	: 30/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 3

#### STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 370	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.2	%
Temperature	: 333.2	°C	Moisture Content	: 9.5	%
Gas Velocity	: 9.7	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>U</sup>	REFERENCE METHODS
		11.2%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Carbon Monoxide	ppm	338.96	487.74	690	US. EPA Method 10

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-ก-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-ก-0006

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4. <sup>U</sup> Notification of the Ministry of Industry, B.E.2549.

**The Monitoring Result of Emission Concentration**  
**GEG 3**  
**R E N KORAT ENERGY CO., LTD.**  
**April 22, 2025**

**R E N KORAT ENERGY CO., LTD.**  
**EMISSION TEST RESULT**


Run Number	Oxygen content (%)		Oxide of Nitrogen (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.28	11.25	23.18	23.15	33.35
2	11.27	11.24	23.77	23.74	34.16
3	11.27	11.23	24.68	24.65	35.43
Average	11.27	11.24	23.88	23.85	34.31

Run Number	Oxygen content (%)		Sulfur dioxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.28	11.25	0.39	0.33	0.48
2	11.27	11.24	0.42	0.35	0.50
3	11.27	11.23	0.43	0.35	0.50
Average	11.27	11.24	0.41	0.34	0.49

Run Number	Oxygen content (%)		Carbonmonoxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.28	11.25	339.39	339.63	489.21
2	11.27	11.24	340.11	340.40	489.81
3	11.27	11.23	336.52	336.85	484.20
Average	11.27	11.24	338.67	338.96	487.74

Run # : 1  
Date: April 22, 2025  
Location : GEG 3  
Start time: 11:20 AM  
Finish time: 11:40 AM  
O<sub>2</sub> instrument Model: AMI 70  
Serial No.: 161212-14  
NO<sub>x</sub> instrument Model: API 200 AH  
Serial No.: 441  
SO<sub>2</sub> instrument Model: API 100 AH  
Serial No.: 118  
CO instrument Model: THERMO 48 C  
Serial No.: 0412106049  
Fuel Type : Fuel Gas & Fuel Oil  
Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
11:20 AM	11.32	22.44	0.33	346.53
11:21 AM	11.28	19.94	0.34	343.71
11:22 AM	11.26	21.23	0.35	341.62
11:23 AM	11.25	22.46	0.38	342.22
11:24 AM	11.27	23.67	0.39	339.21
11:25 AM	11.27	23.22	0.35	340.31
11:26 AM	11.27	22.73	0.40	335.90
11:27 AM	11.31	24.13	0.36	339.33
11:28 AM	11.30	22.42	0.38	344.26
11:29 AM	11.31	21.17	0.39	345.60
11:30 AM	11.28	21.19	0.41	339.85
11:31 AM	11.28	22.95	0.41	338.18
11:32 AM	11.28	23.43	0.40	337.85
11:33 AM	11.26	23.55	0.42	335.19
11:34 AM	11.28	24.37	0.41	331.69
11:35 AM	11.29	25.07	0.41	332.43
11:36 AM	11.30	24.06	0.37	340.94
11:37 AM	11.30	22.82	0.39	343.04
11:38 AM	11.26	23.17	0.41	340.12
11:39 AM	11.26	26.85	0.42	333.73
11:40 AM	11.27	26.01	0.42	335.40
Average	11.28	23.18	0.39	339.39

Signature   
Miss Katesarin Vorradetwittaya  
Environmental Scientist



# **R E N KORAT ENERGY CO., LTD.** **EMISSION TEST RESULT**

Run # : 2

Date: April 22, 2025  
 Start time: 11:41 AM  
 O<sub>2</sub> instrument Model: AMI 70  
 NO<sub>x</sub> instrument Model: API 200 AH  
 SO<sub>2</sub> instrument Model: API 100 AH  
 CO instrument Model: THERMO 48 C  
 Fuel Type : Fuel Gas & Fuel Oil

Location : GEG 3  
 Finish time : 12:01 PM  
 Serial No.: 161212-14  
 Serial No.: 441  
 Serial No.: 118  
 Serial No.: 0412106049  
 Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
11:41 AM	11.31	25.54	0.41	338.16
11:42 AM	11.28	23.97	0.42	339.50
11:43 AM	11.28	24.67	0.43	335.08
11:44 AM	11.31	25.09	0.43	340.59
11:45 AM	11.29	24.01	0.42	338.77
11:46 AM	11.29	24.83	0.43	338.78
11:47 AM	11.29	24.26	0.42	340.36
11:48 AM	11.28	23.08	0.43	338.54
11:49 AM	11.29	23.27	0.43	337.87
11:50 AM	11.27	23.49	0.43	338.87
11:51 AM	11.26	23.78	0.44	337.54
11:52 AM	11.27	24.36	0.43	342.79
11:53 AM	11.23	23.18	0.43	341.29
11:54 AM	11.25	24.37	0.44	341.29
11:55 AM	11.25	23.34	0.41	344.71
11:56 AM	11.26	23.06	0.43	343.38
11:57 AM	11.27	22.76	0.38	346.87
11:58 AM	11.23	21.43	0.43	339.29
11:59 AM	11.26	24.40	0.43	337.96
12:00 PM	11.27	23.61	0.40	340.12
12:01 PM	11.28	22.59	0.41	340.54
Average	11.27	23.77	0.42	340.11

Signature   
 Miss Katesarin Vorradetwittaya  
 Environmental Scientist

# **R E N KORAT ENERGY CO., LTD.** **EMISSION TEST RESULT**

Run # : 3

Date: April 22, 2025  
 Start time: 12:02 PM  
 O<sub>2</sub> instrument Model: AMI 70  
 NO<sub>x</sub> instrument Model: API 200 AH  
 SO<sub>2</sub> instrument Model: API 100 AH  
 CO instrument Model: THERMO 48 C  
 Fuel Type : Fuel Gas & Fuel Oil

Location : GEG 3  
 Finish time : 12:22 PM  
 Serial No.: 161212-14  
 Serial No.: 441  
 Serial No.: 118  
 Serial No.: 0412106049  
 Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
12:02 PM	11.26	22.78	0.43	339.71
12:03 PM	11.25	24.19	0.44	337.29
12:04 PM	11.25	25.38	0.43	338.13
12:05 PM	11.24	25.22	0.43	336.47
12:06 PM	11.25	25.31	0.43	342.14
12:07 PM	11.26	24.36	0.41	339.31
12:08 PM	11.27	23.99	0.43	340.21
12:09 PM	11.27	23.32	0.41	342.55
12:10 PM	11.25	22.76	0.43	344.88
12:11 PM	11.21	23.16	0.46	339.21
12:12 PM	11.23	25.20	0.43	339.38
12:13 PM	11.25	25.27	0.43	334.79
12:14 PM	11.28	25.59	0.42	338.31
12:15 PM	11.28	24.02	0.43	334.88
12:16 PM	11.29	24.11	0.40	337.14
12:17 PM	11.27	23.69	0.45	333.63
12:18 PM	11.29	25.53	0.43	336.05
12:19 PM	11.28	24.31	0.47	335.05
12:20 PM	11.27	25.81	0.47	325.70
12:21 PM	11.30	28.04	0.45	325.79
12:22 PM	11.32	26.29	0.43	326.28
Average	11.27	24.68	0.43	336.52

Signature   
 Miss Katesarin Vorradetwittaya  
 Environmental Scientist



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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

# STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-STK-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 21/04/2025
RECEIVED DATE	: 23/04/2025	ANALYTICAL DATE	: 23-25/04/2025
REPORT DATE	: 05/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 4

## STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 365	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 371.7	°C	Moisture Content	: 9.0	%
Gas Velocity	: 10.1	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>1)</sup>	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Total Suspended Particulate	mg/Ncu.m.	3.00	4.23	20	US. EPA Method 5

*Pornnapa Budthum*

(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-9-0018

*Narisa Poowasanpetch*

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-9-0010

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>1)</sup> Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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# STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-STK-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 21/04/2025
RECEIVED DATE	: 23/04/2025	ANALYTICAL DATE	: 23-25/04/2025
REPORT DATE	: 05/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kittipong Thakoengsuk	STACK LOCATION	: GEG Stack 4

## STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 365	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 371.7	°C	Moisture Content	: 9.0	%
Gas Velocity	: 10.1	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Particulate matter less than 10 microns	mg/Ncu.m.	0.70	0.99	-	US. EPA Method 201A

*Pornnapa Budthum*

(Miss Pornnapa Budthum)

Analyst

*Narisa Poowasanpetch*

(Miss Narisa Poowasanpetch)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. - Standard is not specified.



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# STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 30/04/2025	ANALYTICAL DATE	: 02-30/05/2025
REPORT DATE	: 30/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kitipong Thakoengsuk	STACK LOCATION	: GEG Stack 4

## STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 365	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 371.7	°C	Moisture Content	: 9.0	%
Gas Velocity	: 10.1	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>11</sup>	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Sulfur Dioxide	ppm	0.57	0.81	15	US. EPA Method 6C
Oxides of Nitrogen	ppm	26.18	36.98	80	US. EPA Method 7E

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-ก-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-ก-0006

Remark : 1. Reported analysis refers to submitted sample only.

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>11</sup> Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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# STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2504-0157
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 22/04/2025
RECEIVED DATE	: 30/04/2025	ANALYTICAL DATE	: 02-30/05/2025
REPORT DATE	: 30/05/2025	SAMPLE CONDITION	: Normal
SOURCE DESCRIPTION	: Combustion	FUEL TYPE	: Natural Gas
OPERATOR	: Mr. Kitipong Thakoengsuk	STACK LOCATION	: GEG Stack 4

## STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 365	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.1	%
Temperature	: 371.7	°C	Moisture Content	: 9.0	%
Gas Velocity	: 10.1	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS <sup>11</sup>	REFERENCE METHODS
		11.1%O <sub>2</sub>	7%O <sub>2</sub>	7%O <sub>2</sub>	
Carbon Monoxide	ppm	265.25	374.69	690	US. EPA Method 10

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-ก-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-ก-0006

Remark : 1. Reported analysis refers to submitted sample only.

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3. \* At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. <sup>11</sup> Notification of the Ministry of Industry, B.E.2549.

**The Monitoring Result of Emission Concentration**  
**GEG 4**  
**R E N KORAT ENERGY CO., LTD.**  
**April 21, 2025**

Run Number	Oxygen content (%)		Oxide of Nitrogen (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.12	11.05	26.90	26.89	37.95
2	11.13	11.06	25.67	25.66	36.25
3	11.15	11.07	26.01	25.99	36.75
Average	11.13	11.06	26.19	26.18	36.98

Run Number	Oxygen content (%)		Sulfur dioxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.12	11.05	0.39	0.32	0.45
2	11.13	11.06	0.79	0.73	1.03
3	11.15	11.07	0.72	0.66	0.93
Average	11.13	11.06	0.63	0.57	0.81

Run Number	Oxygen content (%)		Carbonmonoxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.12	11.05	265.48	265.86	375.17
2	11.13	11.06	264.51	264.91	374.21
3	11.15	11.07	264.56	264.98	374.69
Average	11.13	11.06	264.85	265.25	374.69

**R E N KORAT ENERGY CO., LTD.**  
**EMISSION TEST RESULT**

Date: April 21, 2025  
 Start time: 12:30 PM  
 O<sub>2</sub> instrument Model: AMI 70  
 NO<sub>x</sub> instrument Model: TELEDYNE 200 EM  
 SO<sub>2</sub> instrument Model: API 100 AH  
 CO instrument Model: THERMO 48 C  
 Fuel Type : Fuel Gas & Fuel Oil

Run # : 1  
 Location : GEG 4  
 Finish time : 12:50 PM  
 Serial No.: 121121-10  
 Serial No.: 435  
 Serial No.: 060  
 Serial No.: 365  
 Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
12:30 PM	11.13	29.03	0.43	270.62
12:31 PM	11.14	27.64	0.41	271.64
12:32 PM	11.10	27.18	0.24	267.99
12:33 PM	11.10	28.14	0.08	266.84
12:34 PM	11.11	27.77	0.01	262.84
12:35 PM	11.13	30.06	0.05	258.19
12:36 PM	11.13	25.23	0.15	261.68
12:37 PM	11.11	26.53	0.24	261.85
12:38 PM	11.11	26.94	0.30	263.85
12:39 PM	11.11	25.24	0.32	263.52
12:40 PM	11.14	24.27	0.39	264.03
12:41 PM	11.11	25.16	0.44	268.36
12:42 PM	11.11	28.95	0.51	264.87
12:43 PM	11.11	27.72	0.52	264.55
12:44 PM	11.13	27.41	0.53	266.71
12:45 PM	11.11	22.61	0.59	268.54
12:46 PM	11.11	26.50	0.53	268.54
12:47 PM	11.11	25.89	0.62	264.89
12:48 PM	11.11	28.26	0.66	263.88
12:49 PM	11.11	26.91	0.56	264.56
12:50 PM	11.11	27.37	0.66	267.06
Average	11.12	26.90	0.39	265.48

  
 Signature  
 Miss Katesarin Vorradetwittaya  
 Environmental Scientist

# **R E N KORAT ENERGY CO., LTD.** **EMISSION TEST RESULT**

Run # : 2

Date: April 21, 2025 Location: GEG 4

Start time: 12:51 PM Finish time: 1:11 PM

O<sub>2</sub> instrument Model: AMI 70 Serial No.: 121121-10

NO<sub>x</sub> instrument Model: TELEDYNE 200 EM Serial No.: 435

SO<sub>2</sub> instrument Model: API 100 AH Serial No.: 060

CO instrument Model: THERMO 48 C Serial No.: 365

Fuel Type : Fuel Gas & Fuel Oil Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
12:51 PM	11.11	26.90	0.66	267.38
12:52 PM	11.11	24.10	0.70	269.21
12:53 PM	11.04	32.64	0.69	266.72
12:54 PM	11.14	25.57	0.75	263.94
12:55 PM	11.11	26.33	0.73	266.45
12:56 PM	11.12	28.18	0.76	262.06
12:57 PM	11.15	24.27	0.81	262.57
12:58 PM	11.11	27.22	0.77	263.41
12:59 PM	11.11	25.47	0.77	264.92
1:00 PM	11.17	27.78	0.77	262.42
1:01 PM	11.13	25.93	0.79	258.42
1:02 PM	11.19	26.02	0.81	258.26
1:03 PM	11.17	19.29	0.88	265.92
1:04 PM	11.11	22.87	0.83	263.27
1:05 PM	11.11	21.59	0.86	268.75
1:06 PM	11.08	30.28	0.80	265.17
1:07 PM	11.17	26.11	0.80	264.94
1:08 PM	11.13	24.61	0.84	264.77
1:09 PM	11.15	26.90	0.84	260.85
1:10 PM	11.15	24.87	0.81	265.69
1:11 PM	11.21	22.14	0.86	269.67
Average	11.13	25.67	0.79	264.51

Signature



Miss Katesarin Vorradetwittaya

Environmental Scientist

# **R E N KORAT ENERGY CO., LTD.** **EMISSION TEST RESULT**

Run # : 3

Date: April 21, 2025 Location: GEG 4

Start time: 1:12 PM Finish time: 1:32 PM

O<sub>2</sub> instrument Model: AMI 70 Serial No.: 121121-10

NO<sub>x</sub> instrument Model: TELEDYNE 200 EM Serial No.: 435

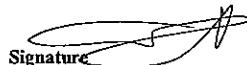
SO<sub>2</sub> instrument Model: API 100 AH Serial No.: 060

CO instrument Model: THERMO 48 C Serial No.: 365

Fuel Type : Fuel Gas & Fuel Oil Test Operator : Kittipong T.

Time, min	O <sub>2</sub> (%)	NO <sub>x</sub> (ppm)	SO <sub>2</sub> (ppm)	CO (ppm)
1:12 PM	11.12	19.86	0.83	272.26
1:13 PM	11.11	24.38	0.77	262.68
1:14 PM	11.11	26.83	0.72	263.69
1:15 PM	11.15	29.22	0.74	264.02
1:16 PM	11.16	27.75	0.75	263.18
1:17 PM	11.21	21.31	0.87	266.35
1:18 PM	11.18	21.38	0.79	266.94
1:19 PM	11.12	26.62	0.78	264.79
1:20 PM	11.16	23.57	0.78	267.28
1:21 PM	11.11	25.38	0.74	267.80
1:22 PM	11.14	26.77	0.71	265.06
1:23 PM	11.11	29.70	0.74	261.05
1:24 PM	11.18	24.61	0.72	261.48
1:25 PM	11.13	26.42	0.66	263.56
1:26 PM	11.18	24.39	0.67	266.89
1:27 PM	11.13	26.32	0.72	270.30
1:28 PM	11.17	32.20	0.61	266.90
1:29 PM	11.16	25.62	0.64	264.08
1:30 PM	11.14	31.36	0.61	258.15
1:31 PM	11.14	25.42	0.65	260.58
1:32 PM	11.14	27.17	0.63	258.75
Average	11.15	26.01	0.72	264.56

Signature



Miss Katesarin Vorradetwittaya

Environmental Scientist

### ภาคผนวก ง.3

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## ใบรับรองผลการตรวจวัดระดับเสียงโดยทั่วไป



## Noise Monitoring Result : Community Noise MTR-REN Operation

Location : West Fence	Monitor Period : 17-24 Apr 2025
SLM Model : Cirrus CR161B	Serial No : G302635
Site Operator : Mr. Wittaya Krataychan	

Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : 02 Oct 2024
SLM Reading / Adjust dB(A) : 93.7/0.0	Expire Date : 01 Oct 2025
Cal Sheet No.: CR-515-2025-092	

Time	Equivalent Sound Pressure Level (dB(A))						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
10:00 - 11:00	53.8	53.1	49.6	49.4	53.1	50.6	48.3
11:00 - 12:00	51.1	53.9	51.1	49.5	51.5	53.8	52.4
12:00 - 13:00	51.5	50.7	49.4	49.6	50.9	49.9	47.7
13:00 - 14:00	67.9	69.1	49.8	50.4	52.6	50.6	50.0
14:00 - 15:00	60.3	53.6	51.2	48.8	50.9	53.0	48.6
15:00 - 16:00	56.2	51.3	51.0	51.1	51.9	54.7	51.2
16:00 - 17:00	53.1	55.0	54.3	50.5	55.7	53.6	53.1
17:00 - 18:00	51.3	52.5	52.4	51.6	51.5	52.2	52.2
18:00 - 19:00	50.8	50.6	51.9	50.3	51.1	51.0	51.7
19:00 - 20:00	51.5	51.2	50.4	50.7	50.2	51.3	52.0
20:00 - 21:00	51.6	50.1	49.8	49.8	49.6	50.5	50.6
21:00 - 22:00	50.9	49.6	49.7	49.1	49.0	49.6	47.8
22:00 - 23:00	50.9	50.4	49.7	48.2	48.9	51.0	48.2
23:00 - 00:00	51.5	49.9	50.5	49.8	51.2	50.6	49.0
00:00 - 01:00	51.8	49.5	51.4	49.3	51.4	52.8	48.9
01:00 - 02:00	51.3	50.9	52.7	48.6	50.4	53.5	47.4
02:00 - 03:00	53.2	50.7	51.9	49.2	48.5	52.7	47.6
03:00 - 04:00	53.6	50.7	51.2	49.9	48.8	52.3	48.6
04:00 - 05:00	56.1	50.8	49.0	50.1	49.5	50.3	48.0
05:00 - 06:00	55.7	51.1	52.8	50.8	51.9	51.2	49.0
06:00 - 07:00	58.5	52.0	51.0	52.0	53.5	53.9	51.0
07:00 - 08:00	53.8	55.9	51.9	53.7	54.1	54.8	53.3
08:00 - 09:00	55.2	54.2	52.2	61.3	58.3	51.1	48.6
09:00 - 10:00	51.5	50.5	51.4	51.9	52.5	51.5	51.0

Leq(24)*	57.1	56.9	51.3	52.1	52.2	52.2	50.3
Ldn	61.6	59.5	57.7	56.9	57.6	58.6	55.6
Lmax **	88.9	89.1	88.9	78.3	84.6	86.0	83.3

Standard-24Hr	70 dB(A)
Standard-Max	115 dB(A)

Remark : \* Average time between 10:00-10:00

\*\* Maximum Sound Pressure Level between 10:00-10:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Noise Monitoring Result : Background Noise MTR-REN Operation

Location : West Fence	Monitor Period : 17-24 Apr 2025
SLM Model : Cirrus CR161B	Serial No : G302635
Site Operator : Mr. Wittaya Krataychan	

Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : 02 Oct 2024
SLM Reading / Adjust dB(A) : 93.7/0.0	Expire Date : 01 Oct 2025
Cal Sheet No.: CR-515-2025-092	

Time	L90 (dB(A))						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
10:00 - 11:00	47.1	48.1	47.5	48.1	48.2	49.0	43.9
11:00 - 12:00	46.3	48.0	47.3	48.0	48.6	48.3	45.2
12:00 - 13:00	47.4	47.5	47.7	47.7	48.4	48.3	44.3
13:00 - 14:00	48.3	49.9	47.8	47.4	46.7	47.7	44.1
14:00 - 15:00	51.4	49.3	47.0	47.3	48.0	49.9	46.1
15:00 - 16:00	49.9	48.3	47.0	47.7	48.5	49.1	46.7
16:00 - 17:00	49.3	48.7	47.9	48.4	47.5	49.1	48.3
17:00 - 18:00	49.8	49.4	49.4	48.9	47.3	49.4	49.8
18:00 - 19:00	49.8	48.5	49.1	48.8	48.2	49.3	49.7
19:00 - 20:00	50.5	49.0	48.3	48.8	48.6	49.4	49.8
20:00 - 21:00	50.5	49.0	48.4	48.2	48.1	48.9	47.5
21:00 - 22:00	50.1	48.7	48.6	47.8	48.0	48.3	45.9
22:00 - 23:00	50.1	49.6	49.0	47.2	47.8	48.5	45.7
23:00 - 00:00	50.9	49.0	49.7	47.1	49.1	47.8	46.6
00:00 - 01:00	50.6	48.3	50.3	47.3	49.0	49.2	46.3
01:00 - 02:00	50.4	49.5	50.6	47.9	48.6	49.8	46.9
02:00 - 03:00	51.2	48.7	50.0	48.1	48.0	50.0	46.4
03:00 - 04:00	52.0	48.7	49.2	48.9	48.3	50.4	47.5
04:00 - 05:00	52.5	48.7	47.8	48.9	48.6	49.0	47.1
05:00 - 06:00	50.6	48.6	48.5	48.8	50.0	48.8	46.5
06:00 - 07:00	50.1	48.6	48.7	49.7	49.1	49.7	48.6
07:00 - 08:00	49.1	48.3	48.4	48.9	49.7	49.6	47.5
08:00 - 09:00	49.1	47.9	47.9	49.3	49.3	49.0	46.2
09:00 - 10:00	48.2	47.6	47.9	49.0	48.2	45.7	46.3

L90(avg)*	50.0	48.7	48.6	48.3	48.5	49.0	47.2
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Remark : \* Average time between 10:00-10:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Preeda Somjai)  
Technical Management Team



## Noise Monitoring Result : Community Noise MTR-REN Operation

Location : East Fence      Monitor Period : 17-24 Apr 2025  
SLM Model : Cirrus CR161B      Serial No : G302630  
Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Cirrus CR:515      Serial No : 97097  
Calibration Ref dB(A) : 94.0      Certified Date : 02 Oct 2024  
SLM Reading / Adjust dB(A) : 93.7/0.0      Expire Date : 01 Oct 2025  
Cal Sheet No.: CR-515-2025-092

Time	Equivalent Sound Pressure Level (dB(A))						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
10:00 - 11:00	59.1	64.0	57.8	57.4	57.2	59.8	52.6
11:00 - 12:00	55.2	58.3	57.6	57.0	57.1	59.1	53.3
12:00 - 13:00	55.1	58.1	57.4	57.2	57.1	58.8	54.7
13:00 - 14:00	62.6	61.5	57.3	57.1	56.8	58.9	56.0
14:00 - 15:00	64.0	58.2	57.2	56.9	56.8	59.4	56.4
15:00 - 16:00	62.0	58.2	57.1	56.8	57.1	60.0	56.9
16:00 - 17:00	59.4	58.3	57.7	57.0	56.9	59.6	57.7
17:00 - 18:00	59.4	58.4	57.7	57.2	57.1	59.3	57.4
18:00 - 19:00	59.3	58.2	57.8	57.1	57.7	59.0	57.3
19:00 - 20:00	59.1	58.4	57.7	57.5	58.0	59.3	57.9
20:00 - 21:00	58.8	58.2	58.1	57.4	57.9	59.3	57.8
21:00 - 22:00	59.1	58.1	57.9	57.6	58.1	59.3	57.9
22:00 - 23:00	58.5	57.9	57.7	57.6	57.7	59.4	57.8
23:00 - 00:00	58.5	57.8	57.8	57.6	57.5	59.5	57.7
00:00 - 01:00	58.7	57.5	57.9	57.4	58.2	59.1	57.6
01:00 - 02:00	58.6	57.4	58.1	57.1	57.4	59.2	57.4
02:00 - 03:00	58.7	57.3	57.8	56.9	57.3	58.9	57.1
03:00 - 04:00	58.8	57.3	57.4	56.8	56.6	58.4	57.1
04:00 - 05:00	58.7	57.3	56.9	56.6	56.7	58.3	56.8
05:00 - 06:00	58.5	57.5	57.0	56.7	57.1	58.5	57.0
06:00 - 07:00	58.0	57.5	56.9	56.7	56.9	58.4	57.0
07:00 - 08:00	58.5	57.9	57.2	57.4	57.6	58.9	57.6
08:00 - 09:00	62.4	58.2	57.5	57.8	57.7	59.3	57.6
09:00 - 10:00	65.7	58.0	57.6	57.4	59.1	56.8	57.4
Leq(24)*	60.2	58.6	57.6	57.2	57.4	59.1	57.0
Ldn	65.4	64.2	63.9	63.5	63.7	65.3	63.6
Lmax **	91.2	76.0	75.1	78.5	75.3	76.7	73.1
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : \* Average time between 10:00-10:00

\*\* Maximum Sound Pressure Level between 10:00-10:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preeda S.  
(Miss Preeda Somjai)  
Technical Management Team



## Noise Monitoring Result : Background Noise MTR-REN Operation

Location : East Fence      Monitor Period : 17-24 Apr 2025  
SLM Model : Cirrus CR161B      Serial No : G302630  
Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Cirrus CR:515      Serial No : 97097  
Calibration Ref dB(A) : 94.0      Certified Date : 02 Oct 2024  
SLM Reading / Adjust dB(A) : 93.7/0.0      Expire Date : 01 Oct 2025  
Cal Sheet No.: CR-515-2025-092

Time	L90 (dB(A))						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
10:00 - 11:00	54.6	59.2	57.1	56.8	56.6	58.8	51.2
11:00 - 12:00	53.8	57.6	57.0	56.4	56.5	58.5	52.0
12:00 - 13:00	54.4	57.6	57.0	56.6	56.5	58.1	52.1
13:00 - 14:00	54.9	57.7	56.7	56.5	56.0	57.7	52.9
14:00 - 15:00	58.0	57.5	56.7	56.4	56.0	58.1	55.1
15:00 - 16:00	57.9	57.6	56.3	56.3	56.6	59.2	55.7
16:00 - 17:00	58.6	57.9	56.8	56.6	56.2	59.1	57.0
17:00 - 18:00	58.7	57.9	57.1	56.8	56.4	58.7	56.8
18:00 - 19:00	58.8	57.8	57.1	56.8	57.1	58.7	56.8
19:00 - 20:00	58.6	57.9	57.3	57.0	57.6	59.0	57.4
20:00 - 21:00	58.4	57.7	57.7	57.2	57.5	59.1	57.5
21:00 - 22:00	58.5	57.7	57.6	57.2	57.2	59.0	57.6
22:00 - 23:00	58.2	57.4	57.4	57.2	57.2	59.1	57.6
23:00 - 00:00	58.1	57.4	57.3	57.3	57.0	59.1	57.4
00:00 - 01:00	58.3	57.1	57.3	57.0	57.4	58.5	56.9
01:00 - 02:00	58.1	57.0	57.2	56.7	57.0	58.6	56.8
02:00 - 03:00	58.2	57.0	57.0	56.5	56.7	58.3	56.3
03:00 - 04:00	58.3	57.0	56.7	56.3	56.2	57.9	56.2
04:00 - 05:00	58.1	56.7	56.4	56.1	56.4	58.0	56.1
05:00 - 06:00	57.8	56.9	56.4	56.0	56.5	58.2	56.3
06:00 - 07:00	57.2	56.9	56.3	56.2	56.3	58.0	56.0
07:00 - 08:00	57.6	57.3	56.5	56.7	56.9	58.3	56.9
08:00 - 09:00	58.5	57.6	56.9	57.0	57.0	58.8	57.1
09:00 - 10:00	58.6	57.5	57.0	56.9	57.1	52.0	56.8
L90(avg)*	57.8	57.5	57.0	56.7	56.8	58.4	56.3

Remark : \* Average time between 10:00-10:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preeda S.  
(Miss Preeda Somjai)  
Technical Management Team





## Noise Monitoring Result : Community Noise

### MTR-REN Operation

Location : Moo 4, Ban Nong Bon      Monitor Period : 17-24 Apr 2025  
SLM Model : Cirrus CR161B      Serial No : G302648  
Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Cirrus CR:515      Serial No : 97097  
Calibration Ref dB(A) : 94.0      Certified Date : 02 Oct 2024  
SLM Reading / Adjust dB(A) : 93.7/0.0      Expire Date : 01 Oct 2025  
Cal Sheet No.: CR-515-2025-092

Time	Equivalent Sound Pressure Level (dB(A))						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
11:00 - 12:00	52.7	49.3	46.0	45.3	47.8	49.0	50.0
12:00 - 13:00	49.7	46.8	46.2	45.4	47.0	47.3	50.2
13:00 - 14:00	65.5	51.5	47.5	45.8	47.8	48.2	51.9
14:00 - 15:00	63.5	49.4	46.5	47.3	46.8	50.6	48.8
15:00 - 16:00	53.0	50.4	52.6	47.1	44.6	52.7	48.8
16:00 - 17:00	52.2	49.8	46.1	49.5	46.6	54.4	50.1
17:00 - 18:00	50.0	48.9	47.1	51.8	54.9	50.0	48.0
18:00 - 19:00	49.8	48.6	47.3	47.6	57.1	50.6	47.8
19:00 - 20:00	47.7	47.2	53.0	42.9	47.0	44.9	44.3
20:00 - 21:00	49.2	45.8	47.9	41.6	44.2	43.7	44.0
21:00 - 22:00	51.8	44.9	44.6	42.3	42.0	46.0	43.0
22:00 - 23:00	53.6	44.9	44.5	40.7	42.6	43.4	48.4
23:00 - 00:00	53.4	46.5	45.1	41.8	43.7	46.9	53.8
00:00 - 01:00	51.3	50.7	43.8	39.9	41.4	51.0	55.6
01:00 - 02:00	49.0	52.5	45.4	40.5	40.9	53.2	55.2
02:00 - 03:00	51.1	53.1	45.3	38.5	41.0	54.1	53.6
03:00 - 04:00	61.1	50.1	44.2	39.5	40.7	52.4	49.9
04:00 - 05:00	63.2	45.4	38.9	38.8	41.0	48.7	46.7
05:00 - 06:00	59.9	51.3	48.6	48.9	50.4	50.5	50.9
06:00 - 07:00	53.4	51.5	51.3	50.7	51.5	51.8	55.4
07:00 - 08:00	49.5	51.6	50.5	50.3	50.2	51.4	51.7
08:00 - 09:00	48.6	48.3	49.0	47.3	49.3	49.0	51.4
09:00 - 10:00	51.1	47.7	48.7	46.7	52.3	50.1	53.6
10:00 - 11:00	47.5	49.1	48.4	46.0	49.8	48.4	51.1
Leq(24)*	57.2	49.6	48.0	46.5	49.2	50.4	51.4
Ldn	64.0	56.6	53.3	51.6	53.4	57.4	59.2
Lmax **	86.1	81.4	76.7	74.0	82.2	76.9	83.5
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : \* Average time between 11:00-11:00

\*\* Maximum Sound Pressure Level between 11:00-11:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preeda S.  
(Miss Preeda Somjai)  
Technical Management Team



## Noise Monitoring Result : Background Noise

### MTR-REN Operation

Location : Moo 4, Ban Nong Bon      Monitor Period : 17-24 Apr 2025  
SLM Model : Cirrus CR161B      Serial No : G302648  
Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Cirrus CR:515      Serial No : 97097  
Calibration Ref dB(A) : 94.0      Certified Date : 02 Oct 2024  
SLM Reading / Adjust dB(A) : 93.7/0.0      Expire Date : 01 Oct 2025  
Cal Sheet No.: CR-515-2025-092

Time	L90 (dB(A))						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
11:00 - 12:00	39.1	36.2	35.8	37.7	37.6	39.9	42.0
12:00 - 13:00	40.1	35.7	36.5	39.1	36.7	38.1	40.9
13:00 - 14:00	43.5	39.7	34.7	37.8	36.3	38.7	49.3
14:00 - 15:00	44.7	42.6	34.2	36.9	36.5	41.3	42.4
15:00 - 16:00	43.0	41.6	36.4	40.1	36.6	43.5	43.4
16:00 - 17:00	40.3	41.8	40.6	41.8	38.3	43.9	43.4
17:00 - 18:00	41.1	42.1	42.1	50.3	41.1	43.8	42.5
18:00 - 19:00	42.9	43.6	41.5	37.1	41.2	40.4	39.6
19:00 - 20:00	45.8	45.9	51.4	40.7	42.7	42.8	41.1
20:00 - 21:00	47.2	44.5	45.8	40.3	40.9	42.5	40.9
21:00 - 22:00	49.8	43.1	42.2	40.1	38.1	41.1	39.1
22:00 - 23:00	52.3	42.2	40.2	39.0	40.3	40.4	38.8
23:00 - 00:00	52.2	42.1	40.4	39.9	39.5	39.9	50.1
00:00 - 01:00	48.8	44.3	41.1	38.6	39.5	44.3	53.3
01:00 - 02:00	46.8	47.7	41.1	38.0	39.3	50.0	52.2
02:00 - 03:00	46.6	48.1	41.1	36.4	39.3	51.2	50.2
03:00 - 04:00	56.1	40.9	38.5	35.9	39.0	39.4	37.0
04:00 - 05:00	62.3	41.8	36.5	36.4	38.8	37.7	37.8
05:00 - 06:00	50.6	41.8	38.3	39.3	41.0	39.2	38.4
06:00 - 07:00	46.6	43.8	43.9	44.6	44.5	45.1	51.3
07:00 - 08:00	41.5	40.8	41.5	43.1	42.4	44.5	42.8
08:00 - 09:00	40.5	39.2	40.7	39.4	41.5	42.3	45.1
09:00 - 10:00	39.3	38.6	41.1	39.2	43.5	42.4	45.5
10:00 - 11:00	38.9	38.1	39.0	38.3	41.9	42.0	45.6
L90(avg)*	51.2	43.0	42.2	41.3	40.4	43.8	46.6

Remark : \* Average time between 11:00-11:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preeda S.  
(Miss Preeda Somjai)  
Technical Management Team



## Noise Monitoring Result : Community Noise MTR-REN Operation

Location : Moo 6, Ban Na Yai      Monitor Period : 17-24 Apr 2025  
SLM Model : Cirrus CR161B      Serial No : G302633  
Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Cirrus CR:515      Serial No : 97097  
Calibration Ref dB(A) : 94.0      Certified Date : 02 Oct 2024  
SLM Reading / Adjust dB(A) : 93.7/0.0      Expire Date : 01 Oct 2025  
Cal Sheet No.: CR-515-2025-092

Time	Equivalent Sound Pressure Level (dB(A))						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
12:00 - 13:00	48.2	40.5	40.0	38.0	39.8	37.7	36.7
13:00 - 14:00	67.6	43.3	36.3	41.0	35.9	38.8	38.4
14:00 - 15:00	63.5	46.1	38.2	39.6	36.8	51.9	41.2
15:00 - 16:00	53.0	46.9	39.2	39.3	38.2	48.7	45.0
16:00 - 17:00	52.4	45.5	41.5	46.1	40.6	51.3	42.3
17:00 - 18:00	40.3	44.1	41.1	42.5	50.7	43.3	41.8
18:00 - 19:00	47.4	46.7	48.1	43.0	43.5	53.9	39.8
19:00 - 20:00	55.2	45.5	44.1	42.8	42.4	46.7	43.2
20:00 - 21:00	53.4	46.6	44.0	42.1	42.2	46.0	44.6
21:00 - 22:00	52.6	45.1	44.6	44.1	45.4	44.4	45.7
22:00 - 23:00	50.2	45.5	43.5	43.5	42.8	43.1	43.7
23:00 - 00:00	43.7	43.0	44.4	42.0	42.9	42.1	42.4
00:00 - 01:00	39.6	40.8	44.9	40.4	42.7	45.2	43.4
01:00 - 02:00	39.6	40.8	45.9	42.1	41.0	46.6	42.7
02:00 - 03:00	39.8	43.3	47.8	43.5	42.3	43.6	41.3
03:00 - 04:00	40.5	43.9	44.5	44.4	47.1	42.3	45.9
04:00 - 05:00	44.4	47.1	43.1	45.9	46.5	46.3	47.2
05:00 - 06:00	51.3	52.4	50.6	52.5	54.9	53.5	54.0
06:00 - 07:00	43.9	49.0	47.6	46.4	45.9	47.6	45.3
07:00 - 08:00	40.7	46.2	44.8	45.2	42.0	46.2	43.0
08:00 - 09:00	38.5	46.9	43.1	40.7	42.7	40.8	44.4
09:00 - 10:00	40.1	42.5	40.9	41.6	43.7	40.8	42.8
10:00 - 11:00	43.7	40.8	40.2	42.6	40.0	42.8	39.4
11:00 - 12:00	41.1	41.0	38.1	42.4	38.7	39.0	40.4
Leq(24)*	56.0	45.8	44.5	44.3	45.5	47.4	44.9
Ldn	57.3	53.0	52.5	52.2	53.7	53.7	53.2
Lmax **	84.0	77.3	75.1	76.1	78.4	92.4	76.9
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : \* Average time between 12:00-12:00

\*\* Maximum Sound Pressure Level between 12:00-12:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preecha S.  
(Miss Preecha Somjai)  
Technical Management Team



## Noise Monitoring Result : Background Noise MTR-REN Operation

Location : Moo 6, Ban Na Yai      Monitor Period : 17-24 Apr 2025  
SLM Model : Cirrus CR161B      Serial No : G302633  
Site Operator : Mr. Wittaya Krataychan

Calibrator Model : Cirrus CR:515      Serial No : 97097  
Calibration Ref dB(A) : 94.0      Certified Date : 02 Oct 2024  
SLM Reading / Adjust dB(A) : 93.7/0.0      Expire Date : 01 Oct 2025  
Cal Sheet No.: CR-515-2025-092

Time	L90 (dB(A))						
	17-18 Apr 2025	18-19 Apr 2025	19-20 Apr 2025	20-21 Apr 2025	21-22 Apr 2025	22-23 Apr 2025	23-24 Apr 2025
12:00 - 13:00	37.8	36.5	29.7	30.0	36.4	29.9	28.5
13:00 - 14:00	41.7	37.7	28.0	28.5	29.5	30.2	29.1
14:00 - 15:00	44.7	40.4	29.4	28.7	30.8	33.0	30.7
15:00 - 16:00	43.0	40.5	31.0	31.7	31.4	43.3	36.9
16:00 - 17:00	40.3	40.4	33.8	32.4	30.5	37.7	36.4
17:00 - 18:00	34.4	38.2	36.2	32.6	35.0	38.0	36.6
18:00 - 19:00	38.6	37.5	38.0	32.7	38.1	39.9	37.1
19:00 - 20:00	42.4	43.1	41.9	39.1	40.6	44.3	41.1
20:00 - 21:00	41.7	45.1	43.2	41.5	40.4	45.0	43.4
21:00 - 22:00	40.4	44.0	42.4	41.2	40.7	43.3	43.6
22:00 - 23:00	39.9	42.8	41.9	39.8	39.1	41.5	41.3
23:00 - 00:00	37.9	41.9	40.7	39.8	39.8	40.9	40.6
00:00 - 01:00	38.6	38.3	40.5	39.3	40.9	40.4	38.9
01:00 - 02:00	38.7	38.7	40.5	40.3	39.9	40.0	39.9
02:00 - 03:00	38.7	38.8	40.7	39.7	39.6	40.8	38.3
03:00 - 04:00	39.6	40.5	40.5	41.1	40.9	41.1	38.2
04:00 - 05:00	41.0	42.1	39.9	40.2	41.5	40.6	39.3
05:00 - 06:00	41.5	43.0	40.4	42.0	41.4	41.7	40.6
06:00 - 07:00	36.4	34.0	35.5	37.4	36.4	40.2	39.4
07:00 - 08:00	30.6	36.1	36.3	35.7	33.6	36.1	36.4
08:00 - 09:00	28.0	37.7	32.7	33.0	34.1	33.2	33.4
09:00 - 10:00	28.5	33.9	31.2	34.1	32.8	31.7	31.4
10:00 - 11:00	31.8	32.7	31.3	37.5	31.0	30.8	31.2
11:00 - 12:00	37.4	37.0	30.3	37.3	30.7	28.3	30.6
L90(avg)*	39.7	40.3	38.7	38.1	38.1	40.1	38.6

Remark : \* Average time between 12:00-12:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

Preecha S.  
(Miss Preecha Somjai)  
Technical Management Team

## ภาคผนวก ง.4

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### ใบรับรองผลการตรวจวิเคราะห์คุณภาพน้ำทิ้ง



บริษัท ซีคอต จำกัด  
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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 0157/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 31/01/2025	SAMPLING TIME	: 13:00
RECEIVED DATE	: 01/02/2025	ANALYTICAL DATE	: 01-06/02/2025
REPORT DATE	: 07/02/2025	SITE OPERATOR	: Mr.Chanapon Oakkharaplon
SAMPLE CONDITION	: Normal	FILE CODE	: 225046_WW_January

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION น้อยกัมมาถึง	STANDARD <sup>u</sup>
Temperature	°C	2550 B	< 0.5	29.2	≤ 40
pH	-	4500-H <sup>+</sup> B	< 0.10	8.49	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	438	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	5.0	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N <sub>org</sub> B	< 0.20	0.69	≤ 100
Nitrate (NO <sub>3</sub> )*	mg/l	4500-NO <sub>3</sub> -E	< 0.02	ND	≤ 10
BOD <sub>5</sub>	mg/l	5210 B	< 1.0	1.9	≤ 20
COD	mg/l	5220 C	< 15.00	29.29	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	ND	≤ 2.0
Total Iron (Fe)*	mg/l	3120 B	< 0.004	0.07	≤ 1.0

REFERENCE: STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER, 19<sup>th</sup> ED., 2012 (APWA/ATLA WEB)

*Khemchuda Insom*

(Miss Khemchuda Insom)

Analyst

REG. NO. 7-239-N-0005

*NT*

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-N-0004

- Remark : 1. Reported analysis refers to submitted sample only.  
2. This report shall not be reproduced, except in full, without official approval.  
3. <sup>u</sup> Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).  
4. \* Not registered with the Department of Industrial Works.  
5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 0339/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 21/02/2025	SAMPLING TIME	: 08:37
RECEIVED DATE	: 22/02/2025	ANALYTICAL DATE	: 22-28/02/2025
REPORT DATE	: 01/03/2025	SITE OPERATOR	: Miss Salisa Airree
SAMPLE CONDITION	: Normal	FILE CODE	: 225046_WW_February

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION น้อยกัมมาถึง	STANDARD <sup>u</sup>
Temperature	°C	2550 B	< 0.5	27.0	≤ 40
pH	-	4500-H <sup>+</sup> B	< 0.10	8.42	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	419	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	7.0	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N <sub>org</sub> B	< 0.20	0.71	≤ 100
Nitrate (NO <sub>3</sub> )*	mg/l	4500-NO <sub>3</sub> -E	< 0.02	ND	≤ 10
BOD <sub>5</sub>	mg/l	5210 B	< 1.0	< 1.0	≤ 20
COD	mg/l	5220 C	< 15.00	34.66	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	ND	≤ 2.0
Total Iron (Fe)*	mg/l	3120 B	< 0.004	0.14	≤ 1.0

REFERENCE: STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER, 19<sup>th</sup> ED., 2012 (APWA/ATLA WEB)

*Khemchuda Insom*

(Miss Khemchuda Insom)

Analyst

REG. NO. 7-239-N-0005

*NT*

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-N-0004

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 0432/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 08/03/2025	SAMPLING TIME	: 14:00
RECEIVED DATE	: 08/03/2025	ANALYTICAL DATE	: 08-13/03/2025
REPORT DATE	: 14/03/2025	SITE OPERATOR	: Miss Salisa Ainree
SAMPLE CONDITION	: Normal	FILE CODE	: 225046_WW_March

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION บ่อน้ำทิ้ง	STANDARD <sup>u</sup>
Temperature	°C	2550 B	< 0.5	25.4	≤ 40
pH	-	4500-H <sup>+</sup> B	< 0.10	8.17	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	396	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	8.8	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N <sub>org</sub> B	< 0.20	0.92	≤ 100
Nitrate (NO <sub>3</sub> )*	mg/l	4500-NO <sub>3</sub> -E	< 0.02	ND	≤ 10
BOD <sub>5</sub>	mg/l	5210 B	< 1.0	2.5	≤ 20
COD	mg/l	5220 C	< 15.00	44.83	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	< 0.02	≤ 2.0
Total Iron (Fe)*	mg/l	3120 B	< 0.004	0.12	≤ 1.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 22<sup>nd</sup> ED, 2012 (AWWA, APHA, WEF)

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(Miss Khemchuda Insom)

Analyst

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Technical Management Team

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4. \* Not registered with the Department of Industrial Works.

5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 0692/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 22/04/2025	SAMPLING TIME	: 09:20
RECEIVED DATE	: 23/04/2025	ANALYTICAL DATE	: 23-30/04/2025
REPORT DATE	: 02/05/2025	SITE OPERATOR	: Miss Salisa Ainree
SAMPLE CONDITION	: Normal	FILE CODE	: 225046_WW_April

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION บ่อน้ำทิ้ง	STANDARD <sup>u</sup>
Temperature	°C	2550 B	< 0.5	31.6	≤ 40
pH	-	4500-H <sup>+</sup> B	< 0.10	8.54	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	240	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	4.3	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N <sub>org</sub> B	< 0.20	0.58	≤ 100
Nitrate (NO <sub>3</sub> )*	mg/l	4500-NO <sub>3</sub> -E	< 0.02	ND	≤ 10
BOD <sub>5</sub>	mg/l	5210 B	< 1.0	< 1.0	≤ 20
COD	mg/l	5220 C	< 15.00	28.96	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	< 0.02	≤ 2.0
Total Iron (Fe)*	mg/l	3120 B	< 0.004	0.07	≤ 1.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 22<sup>nd</sup> ED, 2012 (AWWA, APHA, WEF)

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5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 0943/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 23/05/2025	SAMPLING TIME	: 12:00
RECEIVED DATE	: 24/05/2025	ANALYTICAL DATE	: 23-29/05/2025
REPORT DATE	: 30/05/2025	SITE OPERATOR	: Mr. Aniwat Pimwanaa
SAMPLE CONDITION	: Normal	FILE CODE	: 225046_WW_May

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION ป้อมหินตั้ง	STANDARD <sup>u</sup>
Temperature	°C	2550 B	< 0.5	33.9	≤ 40
pH	-	4500-H <sup>+</sup> B	< 0.10	8.55	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	192	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	4.3	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N <sub>org</sub> B	< 0.20	0.57	≤ 100
Nitrate (NO <sub>3</sub> )*	mg/l	4500-NO <sub>3</sub> -E	< 0.02	ND	≤ 10
BOD <sub>5</sub>	mg/l	5210 B	< 1.0	1.5	≤ 20
COD	mg/l	5220 C	< 15.00	< 15.00	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	ND	≤ 2.0
Total Iron (Fe)*	mg/l	3120 B	< 0.004	< 0.05	≤ 1.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 22<sup>nd</sup> ED., 2017 (APHA, AWWA, WEF)

*Khemchuda Insom*

(Miss Khemchuda Insom)

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Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 1105/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 13/06/2025	SAMPLING TIME	: 11:30
RECEIVED DATE	: 14/06/2025	ANALYTICAL DATE	: 14-21/06/2025
REPORT DATE	: 21/06/2025	SITE OPERATOR	: Mr. Aniwat Pimwanaa
SAMPLE CONDITION	: Normal	FILE CODE	: 225046_WW_June

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION ป้อมหินตั้ง	STANDARD <sup>u</sup>
Temperature	°C	2550 B	< 0.5	29.6	≤ 40
pH	-	4500-H <sup>+</sup> B	< 0.10	7.71	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	288	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	5.6	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N <sub>org</sub> B	< 0.20	6.3	≤ 100
Nitrate (NO <sub>3</sub> )*	mg/l	4500-NO <sub>3</sub> -E	< 0.02	ND	≤ 10
BOD <sub>5</sub>	mg/l	5210 B	< 1.0	3.6	≤ 20
COD	mg/l	5220 C	< 15.00	22.57	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	0.19	≤ 2.0
Total Iron (Fe)*	mg/l	3120 B	< 0.004	0.07	≤ 1.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 22<sup>nd</sup> ED., 2017 (APHA, AWWA, WEF)

*Khemchuda Insom*

(Miss Khemchuda Insom)

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Technical Management Team

REG. NO. 2-239-R-0004

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5. - Not available.

## ภาคผนวก ง.5

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### ใบรับรองผลการตรวจวัดระดับเสียงในสถานที่ทำงาน



## Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Radiator	Monitor Period : Feb 21, 2025
SLM Model : Cirrus CR162B	Serial No : G302738
Site Operator : Miss Salisa Ainree	

Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : Oct 02 2024
SLM Reading / Adjust dB(A) : 93.7/0.0	Expire Date : Oct 01 2025
Cal Sheet No.: CR-515-2025-036	

Time	Equivalent Sound Pressure Level (dB(A))
	Feb 21, 2025
00:00 - 01:00	
01:00 - 02:00	
02:00 - 03:00	
03:00 - 04:00	
04:00 - 05:00	
05:00 - 06:00	
06:00 - 07:00	
07:00 - 08:00	
08:00 - 09:00	79.4
09:00 - 10:00	79.3
10:00 - 11:00	79.1
11:00 - 12:00	78.6
12:00 - 13:00	78.3
13:00 - 14:00	80.4
14:00 - 15:00	81.4
15:00 - 16:00	81.2
16:00 - 17:00	
17:00 - 18:00	
18:00 - 19:00	
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	
Leq(8)*	79.9
Lmax **	84.7
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

Remark : \* Average time between 08:00-16:00

\*\* Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Sununta Sirawuttinanon)  
Technical Management Team



## Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Boiler Pump	Monitor Period : Feb 21, 2025
SLM Model : Cirrus CR162B	Serial No : G300769
Site Operator : Miss Salisa Ainree	

Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : Oct 02 2024
SLM Reading / Adjust dB(A) : 93.7/0.0	Expire Date : Oct 01 2025
Cal Sheet No.: CR-515-2025-036	

Time	Equivalent Sound Pressure Level (dB(A))
	Feb 21, 2025
00:00 - 01:00	
01:00 - 02:00	
02:00 - 03:00	
03:00 - 04:00	
04:00 - 05:00	
05:00 - 06:00	
06:00 - 07:00	
07:00 - 08:00	
08:00 - 09:00	81.5
09:00 - 10:00	81.5
10:00 - 11:00	81.4
11:00 - 12:00	81.2
12:00 - 13:00	81.1
13:00 - 14:00	81.5
14:00 - 15:00	78.7
15:00 - 16:00	76.2
16:00 - 17:00	
17:00 - 18:00	
18:00 - 19:00	
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	
Leq(8)*	80.7
Lmax **	91.6
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

Remark : \* Average time between 08:00-16:00

\*\* Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Sununta Sirawuttinanon)  
Technical Management Team





## Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Electrical Generator	Monitor Period : Feb 21, 2025
SLM Model : Cirrus CR162B	Serial No : G302333
Site Operator : Miss Salisa Ainree	

Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : Oct 02 2024
SLM Reading / Adjust dB(A) : 93.7/0.0	Expire Date : Oct 01 2025
Cal Sheet No.: CR-515-2025-036	

Time	Equivalent Sound Pressure Level (dB(A))
	Feb 21, 2025
00:00 - 01:00	
01:00 - 02:00	
02:00 - 03:00	
03:00 - 04:00	
04:00 - 05:00	
05:00 - 06:00	
06:00 - 07:00	
07:00 - 08:00	
08:00 - 09:00	69.7
09:00 - 10:00	69.7
10:00 - 11:00	69.7
11:00 - 12:00	69.7
12:00 - 13:00	69.6
13:00 - 14:00	69.9
14:00 - 15:00	70.0
15:00 - 16:00	70.0
16:00 - 17:00	
17:00 - 18:00	
18:00 - 19:00	
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	
Leq(12)*	69.8
Lmax **	83.0
Standard-12Hr	87 dB(A)
Standard-Max	140 dB(A)

Remark : \* Average time between 08:00-20:00

\*\* Maximum Sound Pressure Level between 08:00-20:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Sununta Sirawuttinanon)  
Technical Management Team



## Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Radiator	Monitor Period : Apr 22, 2025
SLM Model : SCARLET ST-21D	Serial No : 820722
Site Operator : Mr. Chakkrid Karakate	

Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : Oct 02 2024
SLM Reading / Adjust dB(A) : 93.8/0.0	Expire Date : Oct 01 2025
Cal Sheet No.: CR-515-2025-095	

Time	Equivalent Sound Pressure Level (dB(A))
	Apr 22, 2025
00:00 - 01:00	
01:00 - 02:00	
02:00 - 03:00	
03:00 - 04:00	
04:00 - 05:00	
05:00 - 06:00	
06:00 - 07:00	
07:00 - 08:00	
08:00 - 09:00	83.3
09:00 - 10:00	82.1
10:00 - 11:00	81.0
11:00 - 12:00	80.7
12:00 - 13:00	80.6
13:00 - 14:00	80.7
14:00 - 15:00	81.0
15:00 - 16:00	80.7
16:00 - 17:00	
17:00 - 18:00	
18:00 - 19:00	
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	
Leq(8)*	81.4
Lmax **	86.1
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

Remark : \* Average time between 08:00-16:00

\*\* Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

(Miss Sununta Sirawuttinanon)  
Technical Management Team



## Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Boiler Pump		Monitor Period : Apr 22, 2025	
SLM Model : SCARLET ST-21D		Serial No : 820724	
Site Operator : Mr. Chakkrid Karakate			
Calibrator Model : Cirrus CR:515		Serial No : 97097	
Calibration Ref dB(A) : 94.0		Certified Date : Oct 02 2024	
SLM Reading / Adjust dB(A) : 93.8/0.0		Expire Date : Oct 01 2025	
Cal Sheet No.: CR-515-2025-095			
Time	Equivalent Sound Pressure Level (dB(A))		
	Apr 22, 2025		
00:00 - 01:00			
01:00 - 02:00			
02:00 - 03:00			
03:00 - 04:00			
04:00 - 05:00			
05:00 - 06:00			
06:00 - 07:00			
07:00 - 08:00			
08:00 - 09:00		77.1	
09:00 - 10:00		74.2	
10:00 - 11:00		71.1	
11:00 - 12:00		71.1	
12:00 - 13:00		71.0	
13:00 - 14:00		71.2	
14:00 - 15:00		74.2	
15:00 - 16:00		71.1	
16:00 - 17:00			
17:00 - 18:00			
18:00 - 19:00			
19:00 - 20:00			
20:00 - 21:00			
21:00 - 22:00			
22:00 - 23:00			
23:00 - 24:00			
Leq(8)*		73.2	
Lmax **		84.5	
Standard-8Hr		90 dB(A)	
Standard-Max		140 dB(A)	

Remark : \* Average time between 08:00-16:00

\*\* Maximum Sound Pressure Level between 08:00-16:00

*(Signature)*  
(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

*(Signature)*  
(Miss Sununta Sirawuttinanon)  
Technical Management Team



## Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Electrical Generator		Monitor Period : Apr 22, 2025		
SLM Model : SCARLET ST-21D		Serial No : 820723		
Site Operator : Mr. Chakkrid Karakate				
Calibrator Model : Cirrus CR:515		Serial No : 97097		
Calibration Ref dB(A) : 94.0		Certified Date : Oct 02 2024		
SLM Reading / Adjust dB(A) : 93.8/0.0		Expire Date : Oct 01 2025		
Cal Sheet No.: CR-515-2025-095				
Time	Equivalent Sound Pressure Level (dB(A))			
	Apr 22, 2025			
00:00 - 01:00				
01:00 - 02:00				
02:00 - 03:00				
03:00 - 04:00				
04:00 - 05:00				
05:00 - 06:00				
06:00 - 07:00				
07:00 - 08:00				
08:00 - 09:00				71.1
09:00 - 10:00				70.4
10:00 - 11:00				68.5
11:00 - 12:00				68.4
12:00 - 13:00				68.4
13:00 - 14:00				68.7
14:00 - 15:00				68.7
15:00 - 16:00				69.3
16:00 - 17:00				
17:00 - 18:00				
18:00 - 19:00				
19:00 - 20:00				
20:00 - 21:00				
21:00 - 22:00				
22:00 - 23:00				
23:00 - 24:00				
Leq(8)*	69.3			
Lmax **	94.3			
Standard-8Hr	90 dB(A)			
Standard-Max	140 dB(A)			

Remark : \* Average time between 08:00-16:00

\*\* Maximum Sound Pressure Level between 08:00-16:00

*(Signature)*  
(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

*(Signature)*  
(Miss Sununta Sirawuttinanon)  
Technical Management Team

## ภาคผนวก ง.6

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### ใบรับรองผลการตรวจวัดระดับความร้อนในพื้นที่ทำงาน



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# HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : REN (Oper)-225046-Cert WBGT/Feb25  
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : WBGT Meter  
MEASUREMENT DATE : 21/02/2025 MODEL NO. : JT2011-E2A  
SITE OPERATOR : Miss Salisa Ainree SERIAL NO. : 3522210179

LOCATION	TIME	MEASURED TEMPERATURE (°C)					STANDARD (°C) *
		NWB	DB	GT	WBGT	WBGT <sub>Ave</sub>	
Steam Pipeline	10.11-10.41	22.1	27.9	29.9	24.2	25.6	34.0
	10.41-11.11	22.8	29.2	30.8	25.0		
	11.11-11.41	22.8	31.0	32.6	26.3		
	11.41-12.11	24.0	31.8	33.8	26.7		

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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3. \*WBGT Standard was notified by the Ministerial Regulation of Labor, B.E.2559 (2016).

4. NWB = Natural Wet Bulb Temperature

DB = Dry Bulb Temperature

GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

5. Work Load : Light work load = 34.0 °C, Moderate work load = 32.0 °C and Heavy work load = 30.0 °C



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# HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-WBGT-2504-0155  
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : WBGT Meter  
MEASUREMENT DATE : 21/04/2025 MODEL NO. : JT2011-E2A  
SITE OPERATOR : Mr. Pongsiri Jukkeaw SERIAL NO. : 3522210181

LOCATION	TIME	MEASURED TEMPERATURE (°C)					STANDARD (°C) *
		NWB	DB	GT	WBGT	WBGT <sub>Ave</sub>	
Steam Pipeline	10.16-10.46	29.0	33.5	34.6	30.6	31.5	34.0
	10.46-11.16	30.0	34.6	36.0	31.7		
	11.16-11.46	29.8	35.2	37.0	31.8		
	11.46-12.16	29.5	35.6	37.5	31.7		

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4. NWB = Natural Wet Bulb Temperature

DB = Dry Bulb Temperature

GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

5. Work Load : Light work load = 34.0 °C, Moderate work load = 32.0 °C and Heavy work load = 30.0 °C

## ภาคผนวก ง.7

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ใบรับรองผลการตรวจวัดความเข้มของแสงสว่าง  
ในพื้นที่ทำงาน



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LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: REN (Oper)-225046-Cert Light/Feb25(Area)
MEASUREMENT BY	: SECOT Co., Ltd.	INSTRUMENT	: Digital Light Meter
MEASUREMENT DATE	: 20/02/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 056654
SITE OPERATOR	: Miss Salisa Ainree		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
บริเวณ Electrical and Control Building						
Meeting Room	ห้องประชุม	13.32	1,561	300	1,301	150
Control Equipment Room	ห้องควบคุม	13.33	525	200	401	100
Pantry Room	ห้องอาหาร	13.34	1,759	300	1,759	150
ห้องน้ำหญิง	ห้องสุขา	13.34	739	100	739	50
ห้องน้ำชาย	ห้องสุขา	13.34	747	100	747	50

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Environmental Scientist

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Technical Management Team

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LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: REN (Oper)-225046-Cert Light/Feb25(Area)
MEASUREMENT BY	: SECOT Co., Ltd.	INSTRUMENT	: Digital Light Meter
MEASUREMENT DATE	: 20/02/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 056654
SITE OPERATOR	: Miss Salisa Ainree		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
บริเวณ Administration Building						
Reception	ห้องต้อนรับแขก	13.38	470	100	469	50
Lobby and Information	ห้องโถง	13.38	702	100	615	50
Electrical Room	ห้องควบคุม	13.39	594	200	586	100
Storage Room	ห้องเก็บของ	13.39	465	100	453	50
Janitor	ห้องเก็บของ	13.41	310	100	310	50
ห้องน้ำหญิง	ห้องสุขา	13.40	411	100	406	50
ห้องน้ำชาย	ห้องสุขา	13.40	433	100	371	50
ห้องน้ำผู้พิการ	ห้องสุขา	13.40	703	100	703	50
ทางเดิน 1	ทางเดินภายในอาคาร	13.42	635	100	530	50
ทางเดิน 2	ทางเดินภายในอาคาร	13.52	490	100	376	50
ทางเดิน 3	ทางเดินภายในอาคาร	13.48	499	100	410	50
Pantry and Canteen	ห้องอาหาร	13.47	1,080	300	1,014	150
Document Room	ห้องเก็บข้อมูล	13.47	901	300	818	150
Meeting Room 1	ห้องประชุม	13.50	1,242	300	1,103	150
Meeting Room 2	ห้องประชุม	13.49	1,390	300	1,043	150

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : REN (Oper)-225046-Cert Light/Feb25(Area)  
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter  
MEASUREMENT DATE : 20/02/2025 MODEL : 407026  
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 056654  
SITE OPERATOR : Miss Salisa Ainree

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
<u>บริเวณ Workshop and Warehouse 1<sup>st</sup> Floor</u>						
Mech.Tool Room	ห้องเก็บของ	13.21	477	100	369	50
Storage Room	ห้องเก็บของ	13.22	327	100	301	50
E&I Room	ห้องควบคุม	13.22	419	200	404	100
โรงทางเดิน	โรงทางเดิน	13.23	753	100	486	50
ห้องน้ำหญิง	ห้องสุขา	13.24	428	100	413	50
ห้องน้ำชาย	ห้องสุขา	13.24	456	100	440	50
<u>บริเวณ Workshop and Warehouse 2<sup>nd</sup> Floor</u>						
Meeting Room	ห้องประชุม	13.13	1,495	300	1,350	150
Pantry Room	ห้องอาหาร	13.12	1,150	300	1,147	150
ห้องรับประทานอาหาร	ห้องรับประทานอาหาร	13.12	893	300	507	150
ห้องน้ำหญิง	ห้องสุขา	13.11	528	100	527	50
ห้องน้ำชาย	ห้องสุขา	13.11	433	100	426	50
บันได	บันได	13.20	569	100	403	50

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : REN (Oper)-225046-Cert Light/Feb25(Spot)  
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter  
MEASUREMENT DATE : 20/02/2025 MODEL : 407026  
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 056654  
SITE OPERATOR : Miss Salisa Ainree

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Electrical and Control Building				
Control Room โต๊ะทำงาน 1	เอกสาร / คอมพิวเตอร์	13.28	429	400-500
Control Room โต๊ะทำงาน 2	เอกสาร / คอมพิวเตอร์	13.28	453	400-500
Control Room โต๊ะทำงาน 3	เอกสาร / คอมพิวเตอร์	13.28	402	400-500
Control Room โต๊ะทำงาน 4	เอกสาร / คอมพิวเตอร์	13.29	431	400-500
Control Room โต๊ะทำงาน 5	เอกสาร / คอมพิวเตอร์	13.3	403	400-500
Control Room โต๊ะทำงาน 6	เอกสาร / คอมพิวเตอร์	13.31	411	400-500
Control Room โต๊ะทำงาน 7	เอกสาร / คอมพิวเตอร์	13.31	404	400-500
Control Room โต๊ะทำงาน 8	เอกสาร / คอมพิวเตอร์	13.31	406	400-500
Control Room โต๊ะทำงาน 9	เอกสาร / คอมพิวเตอร์	13.30	422	400-500
Control Room โต๊ะทำงาน 10	เอกสาร / คอมพิวเตอร์	13.30	416	400-500
Control Room โต๊ะทำงาน 11	เอกสาร / คอมพิวเตอร์	13.30	419	400-500

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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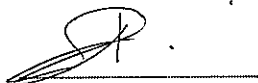
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### LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: REN (Oper)-225046-Cert Light/Feb25(Spot)
MEASUREMENT BY	: SECOT Co., Ltd.	INSTRUMENT	: Digital Light Meter
MEASUREMENT DATE	: 20/02/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 056654
SITE OPERATOR	: Miss Salisa Ainree		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Administration Building				
โต๊ะทำงาน 1	เอกสาร / คอมพิวเตอร์	13.43	730	400-500
โต๊ะทำงาน 2	เอกสาร / คอมพิวเตอร์	13.43	776	400-500
โต๊ะทำงาน 3	เอกสาร / คอมพิวเตอร์	13.43	708	400-500
โต๊ะทำงาน 4	เอกสาร / คอมพิวเตอร์	13.43	730	400-500
โต๊ะทำงาน 5	เอกสาร / คอมพิวเตอร์	13.43	722	400-500
โต๊ะทำงาน 6	เอกสาร / คอมพิวเตอร์	13.44	613	400-500
โต๊ะทำงาน 7	เอกสาร / คอมพิวเตอร์	13.44	680	400-500
โต๊ะทำงาน 8	เอกสาร / คอมพิวเตอร์	13.44	714	400-500
โต๊ะทำงาน 9	เอกสาร / คอมพิวเตอร์	13.44	679	400-500
โต๊ะทำงาน 10	เอกสาร / คอมพิวเตอร์	13.44	779	400-500
โต๊ะทำงาน 11	เอกสาร / คอมพิวเตอร์	13.45	784	400-500
โต๊ะทำงาน 12	เอกสาร / คอมพิวเตอร์	13.45	678	400-500

  
(Miss Katesarin Vorradetwittaya)

Environmental Scientist

  
(Miss Sununta Sirawuttinanon)

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### LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: REN (Oper)-225046-Cert Light/Feb25(Spot)
MEASUREMENT BY	: SECOT Co., Ltd.	INSTRUMENT	: Digital Light Meter
MEASUREMENT DATE	: 20/02/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 056654
SITE OPERATOR	: Miss Salisa Ainree		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Administration Building (ต่อ)				
MD Room (โต๊ะทำงาน)	เอกสาร / คอมพิวเตอร์	13.45	857	400-500
Director Room 1 (โต๊ะทำงาน)	เอกสาร / คอมพิวเตอร์	13.46	869	400-500
Director Room 2 (โต๊ะทำงาน)	เอกสาร / คอมพิวเตอร์	13.46	867	400-500
เครื่องถ่ายเอกสาร	แผ่นเอกสาร	13.46	448	300-400

  
(Miss Katesarin Vorradetwittaya)  
Environmental Scientist

  
(Miss Sununta Sirawuttinanon)  
Technical Management Team

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**LIGHT INTENSITY MEASUREMENT REPORT**

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : REN (Oper)-225046-Cert Light/Feb25(Spot)  
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter  
MEASUREMENT DATE : 20/02/2025 MODEL : 407026  
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 056654  
SITE OPERATOR : Miss Salisa Ainree

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Workshop and Warehouse 2 <sup>nd</sup> Floor				
โต๊ะทำงาน (คุณเอกกร รินสายชล)	เอกสาร / คอมพิวเตอร์	13.15	833	400-500
โต๊ะทำงาน (คุณ โคศล ศรีสมพร)	เอกสาร / คอมพิวเตอร์	13.15	685	400-500
โต๊ะทำงาน (คุณเอกพล สาสีเสาว์)	เอกสาร / คอมพิวเตอร์	13.15	639	400-500
โต๊ะทำงาน 1 (ว่าง)	เอกสาร / คอมพิวเตอร์	13.15	648	400-500
โต๊ะทำงาน (คุณไพฑูรย์ แพทย์สูงเนิน)	เอกสาร / คอมพิวเตอร์	13.16	493	400-500
โต๊ะทำงาน (คุณสุรศักดิ์ วงศ์คง)	เอกสาร / คอมพิวเตอร์	13.17	585	400-500
โต๊ะทำงาน (คุณสุปรีดี คงศิริ)	เอกสาร / คอมพิวเตอร์	13.17	600	400-500
โต๊ะทำงาน 2 (ว่าง)	เอกสาร / คอมพิวเตอร์	13.17	615	400-500
โต๊ะทำงาน (คุณนันทวัฒน์)	เอกสาร / คอมพิวเตอร์	13.17	621	400-500
โต๊ะทำงาน (คุณนฤพร ปิติ)	เอกสาร / คอมพิวเตอร์	13.18	674	400-500
โต๊ะทำงาน (คุณหทัยกาญจน์ หนั่นสุวราช)	เอกสาร / คอมพิวเตอร์	13.18	642	400-500
เครื่องถ่ายเอกสาร	สำนักงานเอกสาร	13.19	742	300-400
โต๊ะรับแขก	โต๊ะรับแขก	13.19	740	300-400
Manager Room โต๊ะทำงาน (คุณก้องภพ ทองพิเศษ)	เอกสาร / คอมพิวเตอร์	13.18	969	400-500

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**LIGHT INTENSITY MEASUREMENT REPORT**

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : REN (Oper)-225046-Cert Light/Apr25(Area)  
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter  
MEASUREMENT DATE : 21/04/2025 MODEL : 407026  
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050  
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
บริเวณ Electrical and Control Building						
Meeting Room	ห้องประชุม	10.47	1,334	300	1,064	150
Control Equipment Room	ห้องควบคุม	10.48	498	200	308	100
Pantry Room	ห้องอาหาร	10.50	1,918	300	1,918	150
ห้องน้ำหญิง	ห้องสุขา	10.50	666	100	666	50
ห้องน้ำชาย	ห้องสุขา	10.50	557	100	557	50

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CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: REN (Oper)-225046-Cert Light/Apr25(Area)
MEASUREMENT BY	: SECOT Co., Ltd.	INSTRUMENT	: Digital Light Meter
MEASUREMENT DATE	: 21/04/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 051050
SITE OPERATOR	: Mr. Pongsiri Jukkeaw		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
บริเวณ Administration Building						
Reception	ห้องต้อนรับแขก	10.53	491	100	463	50
Labby and Information	ห้องโถง	10.54	476	100	435	50
Electrical Room	ห้องควบคุม	10.54	691	200	637	100
Storage Room	ห้องเก็บของ	10.55	443	100	423	50
Janitor	ห้องเก็บของ	10.56	173	100	173	50
ห้องน้ำหญิง	ห้องสุขา	10.56	425	100	389	50
ห้องน้ำชาย	ห้องสุขา	10.57	317	100	264	50
ห้องน้ำผู้พิการ	ห้องสุขา	10.57	669	100	669	50
ทางเดิน 1	ทางเดินภายในอาคาร	10.58	763	100	647	50
ทางเดิน 2	ทางเดินภายในอาคาร	11.08	571	100	514	50
ทางเดิน 3	ทางเดินภายในอาคาร	11.14	546	100	487	50
Pantry and Canteen	ห้องอาหาร	11.08	1,099	300	1,041	150
Document Room	ห้องเก็บข้อมูล	11.09	891	300	836	150
Meeting Room 1	ห้องประชุม	11.12	1,339	300	976	150
Meeting Room 2	ห้องประชุม	11.11	1,148	300	881	150



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## LIGHT INTENSITY MEASUREMENT REPORT


CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: REN (Oper)-225046-Cert Light/Apr25(Area)
MEASUREMENT BY	: SECOT Co., Ltd.	INSTRUMENT	: Digital Light Meter
MEASUREMENT DATE	: 21/04/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 051050
SITE OPERATOR	: Mr. Pongsiri Jukkeaw		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
<b><u>บริเวณ Workshop and Warehouse 1<sup>st</sup> Floor</u></b>						
Mech.Tool Room	ห้องเก็บของ	10.16	430	100	391	50
Storage Room	ห้องเก็บของ	10.23	284	100	276	50
E&I Room	ห้องควบคุม	10.22	365	200	345	100
โถงทางเดิน	โถงทางเดิน	10.18	1,050	100	867	50
ห้องน้ำหญิง	ห้องสุขา	10.22	207	100	119	50
ห้องน้ำชาย	ห้องสุขา	10.22	757	100	747	50
<b><u>บริเวณ Workshop and Warehouse 2<sup>nd</sup> Floor</u></b>						
Meeting Room	ห้องประชุม	10.24	1,384	300	1,290	150
Pantry Room	ห้องอาหาร	10.28	1,317	300	1,175	150
ห้องรับประทานอาหาร	ห้องรับประทานอาหาร	10.29	967	300	909	150
ห้องน้ำหญิง	ห้องสุขา	10.27	459	100	313	50
ห้องน้ำชาย	ห้องสุขา	10.28	527	100	420	50
บันได	บันได	10.38	795	100	554	50



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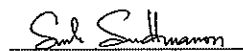
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**LIGHT INTENSITY MEASUREMENT REPORT**

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : REN (Oper)-225046-Cert Light/Apr25(Spot)  
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter  
MEASUREMENT DATE : 21/04/2025 MODEL : 407026  
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050  
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Electrical and Control Building				
Control Room โต๊ะทำงาน 1	เอกสาร / คอมพิวเตอร์	10.42	415	400-500
Control Room โต๊ะทำงาน 2	เอกสาร / คอมพิวเตอร์	10.42	430	400-500
Control Room โต๊ะทำงาน 3	เอกสาร / คอมพิวเตอร์	10.43	425	400-500
Control Room โต๊ะทำงาน 4	เอกสาร / คอมพิวเตอร์	10.44	437	400-500
Control Room โต๊ะทำงาน 5	เอกสาร / คอมพิวเตอร์	10.44	418	400-500
Control Room โต๊ะทำงาน 6	เอกสาร / คอมพิวเตอร์	10.45	431	400-500
Control Room โต๊ะทำงาน 7	เอกสาร / คอมพิวเตอร์	10.45	409	400-500
Control Room โต๊ะทำงาน 8	เอกสาร / คอมพิวเตอร์	10.45	414	400-500
Control Room โต๊ะทำงาน 9	เอกสาร / คอมพิวเตอร์	10.45	416	400-500
Control Room โต๊ะทำงาน 10	เอกสาร / คอมพิวเตอร์	10.45	422	400-500
Control Room โต๊ะทำงาน 11	เอกสาร / คอมพิวเตอร์	10.45	417	400-500

  
(Miss Katesarin Vorradetwittaya)  
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CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : REN (Oper)-225046-Cert Light/Apr25(Spot)  
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter  
MEASUREMENT DATE : 21/04/2025 MODEL : 407026  
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050  
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Administration Building				
โต๊ะทำงาน 1	เอกสาร / คอมพิวเตอร์	11.00	682	400-500
โต๊ะทำงาน 2	เอกสาร / คอมพิวเตอร์	11.02	601	400-500
โต๊ะทำงาน 3	เอกสาร / คอมพิวเตอร์	11.02	632	400-500
โต๊ะทำงาน 4	เอกสาร / คอมพิวเตอร์	11.03	662	400-500
โต๊ะทำงาน 5	เอกสาร / คอมพิวเตอร์	11.03	551	400-500
โต๊ะทำงาน 6	เอกสาร / คอมพิวเตอร์	11.03	550	400-500
โต๊ะทำงาน 7	เอกสาร / คอมพิวเตอร์	11.04	611	400-500
โต๊ะทำงาน 8	เอกสาร / คอมพิวเตอร์	11.04	632	400-500
โต๊ะทำงาน 9	เอกสาร / คอมพิวเตอร์	11.04	625	400-500
โต๊ะทำงาน 10	เอกสาร / คอมพิวเตอร์	11.04	608	400-500
โต๊ะทำงาน 11	เอกสาร / คอมพิวเตอร์	11.04	641	400-500
โต๊ะทำงาน 12	เอกสาร / คอมพิวเตอร์	11.04	617	400-500

  
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MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050  
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Administration Building (ตึก)				
MD Room (โต๊ะทำงาน)	เอกสาร / คอมพิวเตอร์	11.06	763	400-500
Director Room 1 (โต๊ะทำงาน)	เอกสาร / คอมพิวเตอร์	11.06	759	400-500
Director Room 2 (โต๊ะทำงาน)	เอกสาร / คอมพิวเตอร์	11.07	839	400-500
เครื่องถ่ายเอกสาร	สำเนาเอกสาร	11.07	435	300-400

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SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Workshop and Warehouse 2 <sup>nd</sup> Floor				
โต๊ะทำงาน (คู่มืองาน วัสดุ)	เอกสาร / คอมพิวเตอร์	10.30	804	400-500
โต๊ะทำงาน (คู่มือคหส วัสดุ)	เอกสาร / คอมพิวเตอร์	10.31	645	400-500
โต๊ะทำงาน (คู่มือคหส วัสดุ)	เอกสาร / คอมพิวเตอร์	10.31	620	400-500
โต๊ะทำงาน 1 (ว่าง)	เอกสาร / คอมพิวเตอร์	10.35	599	400-500
โต๊ะทำงาน (คู่มือคหส วัสดุ)	เอกสาร / คอมพิวเตอร์	10.32	494	400-500
โต๊ะทำงาน (คู่มือคหส วัสดุ)	เอกสาร / คอมพิวเตอร์	10.32	544	400-500
โต๊ะทำงาน (คู่มือคหส วัสดุ)	เอกสาร / คอมพิวเตอร์	10.32	563	400-500
โต๊ะทำงาน 2 (ว่าง)	เอกสาร / คอมพิวเตอร์	10.35	621	400-500
โต๊ะทำงาน (คู่มือคหส วัสดุ)	เอกสาร / คอมพิวเตอร์	10.33	580	400-500
โต๊ะทำงาน 3 (ว่าง)	เอกสาร / คอมพิวเตอร์	10.35	673	400-500
โต๊ะทำงาน (คู่มือคหส วัสดุ)	เอกสาร / คอมพิวเตอร์	10.34	639	400-500
เครื่องถ่ายเอกสาร	สำเนาเอกสาร	10.29	692	300-400
โต๊ะรับแขก	โต๊ะรับแขก	10.36	682	300-400
Manager Room โต๊ะทำงาน	เอกสาร / คอมพิวเตอร์	10.36	761	400-500
(คู่มือคหส วัสดุ)				

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. \* Notification of the Department of Labour Protection and Welfare, B.E.2561 (2018).