

ภาคผนวก ค.2

ใบรับรองผลการตรวจวัดและวิเคราะห์ (ระยะดำเนินการ)

ผลการตรวจวัดและวิเคราะห์คุณภาพอากาศในบรรยากาศ



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800

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AMBIENT AIR QUALITY ANALYSIS REPORT

CLIENT NAME : Thai Nitrate Co., Ltd REFERENCE NO. : 226015-Amb-2606-0034
SAMPLING BY : SECOT Co., Ltd. SAMPLING DATE : 04-07/06/2026
RECEIVED DATE : 20/06/2026 ANALYTICAL DATE : 23-25/06/2026
REPORT DATE : 29/06/2026 SAMPLE CONDITION : Normal
SITE OPERATOR : Mr. Siwanon Kulawong
LOCATION DESCRIPTION : 1. Admin Building 3. Ban Pluak Kate
2. Moo 4 of Ta-Phong (Ban Na Pun R.7)

PARAMETER	SAMPLING DATE	UNITS	RESULTS			STANDARD*	REFERENCE METHOD
			1	2	3		
TSP (24 hr)	04-05/06/2026	mg/m ³	0.020	0.018	0.024	0.200	High Volume Air
	05-06/06/2026	mg/m ³	0.015	0.017	0.019		Sampler / Gravimetric
	06-07/06/2026	mg/m ³	0.014	0.015	0.018		Method

Pornnapa 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.2569 (2026).



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AMBIENT AIR QUALITY ANALYSIS REPORT

CLIENT NAME : Thai Nitrate Co., Ltd REFERENCE NO. : 226015-Amb-2606-0034
SAMPLING BY : SECOT Co., Ltd. SAMPLING DATE : 04-07/06/2026
RECEIVED DATE : 20/06/2026 ANALYTICAL DATE : 24/06/2026
REPORT DATE : 02/07/2026 SAMPLE CONDITION : Normal
SITE OPERATOR : Mr. Siwanon Kulawong
LOCATION DESCRIPTION : 1. Admin Building 3. Ban Pluak Kate
2. Ban Na Pun R.7

PARAMETER	SAMPLING DATE	UNITS	ND Non-detectable	RESULTS			REFERENCE METHOD
				1	2	3	
Ammonia	04-05/06/2026	ppm	<0.010	ND	ND	ND	Modif. NIOSH 6016
(NH ₃)	05-06/06/2026	ppm	<0.010	ND	ND	ND	
	06-07/06/2026	ppm	<0.010	ND	ND	ND	

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

Narisa Poowasanpetch

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AMBIENT AIR QUALITY ANALYSIS REPORT

CLIENT NAME : Thai Nitrate Co., Ltd REFERENCE NO. : 226015-Amb-2606-0034
SAMPLING BY : SECOT Co., Ltd. SAMPLING DATE : 04-11/06/2026
RECEIVED DATE : 20/06/2026 ANALYTICAL DATE : 23-25/06/2026
REPORT DATE : 29/06/2026 SAMPLE CONDITION : Normal
SITE OPERATOR : Mr. Siwanon Kulawong
LOCATION DESCRIPTION : 1. Admin Building 3. Ban Pluak Kate
2. Ban Na Pun R.7

PARAMETER	SAMPLING DATE	UNITS	RESULTS			STANDARD*	REFERENCE METHOD
			1	2	3		
PM-10 (24 hr)	04-05/06/2026	mg/m ³	0.008	0.003	0.011	0.100	High Volume Air Sampler
	05-06/06/2026	mg/m ³	0.006	0.005	0.010		(Hi-Vol. PM-10 Size
	06-07/06/2026	mg/m ³	0.006	0.005	0.012		Selective Inlet/
	07-08/06/2026	mg/m ³	0.006	0.004	0.014		Gravimetric Method
	08-09/06/2026	mg/m ³	0.007	0.005	0.014		
	09-10/06/2026	mg/m ³	0.007	0.005	0.010		
	10-11/06/2026	mg/m ³	0.004	0.002	0.007		


(Miss Pornnapa Budthum)

Analyst


(Miss Narisa Poowasarnetch)

Technical Management Team

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3. * Notification of the National Environment Board, No.24, B.E.2569 (2026).

R:\Database\Ambient\FileControl\Amb-226015-Admin Building-NO2 04-07 Jun 2026



Ambient Air Monitoring Results : Nitrogen dioxide MTR-TNC

Location : Admin Building Monitor Period : 04-07 Jun 2026
Analyzer Model : API 200A Station No : Shelter 13
Serial No : 1645 Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Teledyne 700E Serial No : 1367
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 08 Jan 2026 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 07 Jan 2027

Time	NO2 Concentration (ppm)		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
12:00 - 13:00	0.0031	0.0048	0.0027
13:00 - 14:00	0.0033	0.0028	0.0061
14:00 - 15:00	0.0036	0.0057	0.0048
15:00 - 16:00	0.0057	0.0057	0.0032
16:00 - 17:00	0.0076	0.0062	0.0056
17:00 - 18:00	0.0080	0.0043	0.0061
18:00 - 19:00	0.0075	0.0068	0.0079
19:00 - 20:00	0.0087	0.0096	0.0090
20:00 - 21:00	0.0084	0.0071	0.0104
21:00 - 22:00	0.0102	0.0102	0.0072
22:00 - 23:00	0.0084	0.0077	0.0088
23:00 - 00:00	0.0090	0.0069	0.0065
00:00 - 01:00	0.0090	0.0064	0.0102
01:00 - 02:00	0.0108	0.0052	0.0076
02:00 - 03:00	0.0044	0.0101	0.0067
03:00 - 04:00	0.0066	0.0071	0.0073
04:00 - 05:00	0.0054	0.0074	0.0076
05:00 - 06:00	0.0056	0.0105	0.0099
06:00 - 07:00	0.0093	0.0030	0.0074
07:00 - 08:00	0.0072	0.0074	0.0102
08:00 - 09:00	0.0069	0.0059	0.0043
09:00 - 10:00	0.0035	0.0036	0.0062
10:00 - 11:00	0.0041	0.0036	0.0028
11:00 - 12:00	0.0059	0.0031	0.0028
Average-24Hr*	0.0068	0.0063	0.0067
Max-1Hr	0.0108	0.0105	0.0104
Min-1Hr	0.0031	0.0028	0.0027
Standard-1Hr	0.12 ppm		
Standard-24Hr	-		

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


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-TNC

Location : Ban Pluak Kate	Monitor Period : 04-07 Jun 2026
Analyzer Model : API 200A	Station No : SCT-15
Serial No : 2386	Site Operator : Mr. Siwanon Kulawong
Calibrator Model : Teledyne 700E	Serial No : 1367
Calibration Gas Cylinder I.D.: EB0102326	
Certified Date : 08 Jan 2026	Cal Concentration (ppb) : 0,100,200,400
Expire Date : 07 Jan 2027	

Time	NO2 Concentration (ppm)		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
14:00 - 15:00	0.0045	0.0027	0.0052
15:00 - 16:00	0.0055	0.0036	0.0047
16:00 - 17:00	0.0062	0.0042	0.0053
17:00 - 18:00	0.0070	0.0076	0.0041
18:00 - 19:00	0.0069	0.0073	0.0093
19:00 - 20:00	0.0049	0.0065	0.0094
20:00 - 21:00	0.0097	0.0084	0.0078
21:00 - 22:00	0.0074	0.0088	0.0065
22:00 - 23:00	0.0100	0.0078	0.0099
23:00 - 00:00	0.0068	0.0069	0.0085
00:00 - 01:00	0.0042	0.0069	0.0099
01:00 - 02:00	0.0096	0.0029	0.0088
02:00 - 03:00	0.0050	0.0080	0.0081
03:00 - 04:00	0.0039	0.0093	0.0063
04:00 - 05:00	0.0029	0.0085	0.0095
05:00 - 06:00	0.0103	0.0085	0.0064
06:00 - 07:00	0.0094	0.0100	0.0082
07:00 - 08:00	0.0096	0.0077	0.0058
08:00 - 09:00	0.0073	0.0045	0.0051
09:00 - 10:00	0.0028	0.0053	0.0032
10:00 - 11:00	0.0057	0.0054	0.0055
11:00 - 12:00	0.0033	0.0061	0.0051
12:00 - 13:00	0.0062	0.0025	0.0039
13:00 - 14:00	0.0039	0.0037	0.0040
Average-24Hr*	0.0064	0.0064	0.0067
Max-1Hr	0.0103	0.0100	0.0099
Min-1Hr	0.0028	0.0025	0.0032
Standard-1Hr	0.12 ppm		
Standard-24Hr	-		

Remark : * Average time between 14:00-14:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7)	Monitor Period : 04-07 Jun 2026
Analyzer Model : Thermo 43C	Station No : SCT-14
Serial No : 0426708263	Site Operator : Mr. Siwanon Kulawong
Calibrator Model : Teledyne 700E	Serial No : 1367
Calibration Gas Cylinder I.D.: EB0102326	
Certified Date : 10 Jan 2026	Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2027	

Time	NO2 Concentration (ppm)		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
13:00 - 14:00	0.0039	0.0050	0.0030
14:00 - 15:00	0.0056	0.0030	0.0034
15:00 - 16:00	0.0070	0.0059	0.0063
16:00 - 17:00	0.0092	0.0068	0.0029
17:00 - 18:00	0.0074	0.0102	0.0075
18:00 - 19:00	0.0105	0.0105	0.0095
19:00 - 20:00	0.0105	0.0077	0.0080
20:00 - 21:00	0.0076	0.0078	0.0099
21:00 - 22:00	0.0085	0.0069	0.0079
22:00 - 23:00	0.0078	0.0071	0.0093
23:00 - 00:00	0.0058	0.0083	0.0088
00:00 - 01:00	0.0053	0.0086	0.0105
01:00 - 02:00	0.0063	0.0093	0.0095
02:00 - 03:00	0.0033	0.0058	0.0090
03:00 - 04:00	0.0052	0.0098	0.0054
04:00 - 05:00	0.0046	0.0078	0.0037
05:00 - 06:00	0.0105	0.0092	0.0081
06:00 - 07:00	0.0090	0.0055	0.0094
07:00 - 08:00	0.0046	0.0099	0.0099
08:00 - 09:00	0.0045	0.0038	0.0050
09:00 - 10:00	0.0067	0.0052	0.0060
10:00 - 11:00	0.0057	0.0049	0.0054
11:00 - 12:00	0.0065	0.0065	0.0027
12:00 - 13:00	0.0052	0.0041	0.0057
Average-24Hr*	0.0067	0.0071	0.0069
Max-1Hr	0.0105	0.0105	0.0105
Min-1Hr	0.0033	0.0030	0.0027
Standard-1Hr	0.12 ppm		
Standard-24Hr	-		

Remark : * Average time between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

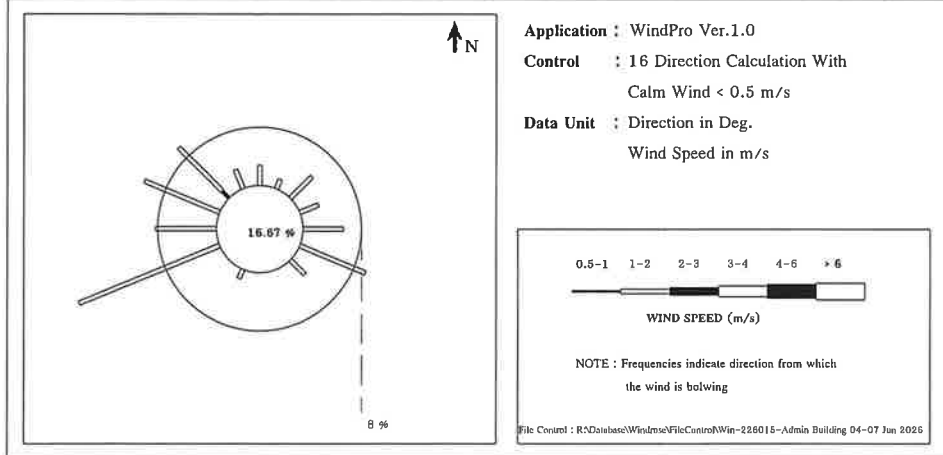
Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose MTR-TNC

Location : Admin Building Monitor period : 04-07 Jun 2026
Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0080
Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0080

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	0.0000	0.0278	0.0000	0.0000	0.0000	0.0000	0.0278
NNE	0.0000	0.0139	0.0000	0.0000	0.0000	0.0000	0.0139
NE	0.0000	0.0417	0.0000	0.0000	0.0000	0.0000	0.0417
ENE	0.0000	0.0278	0.0000	0.0000	0.0000	0.0000	0.0278
E	0.0000	0.0556	0.0000	0.0000	0.0000	0.0000	0.0556
ESE	0.0000	0.0972	0.0000	0.0000	0.0000	0.0000	0.0972
SE	0.0000	0.0278	0.0000	0.0000	0.0000	0.0000	0.0278
SSE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SSW	0.0000	0.0139	0.0000	0.0000	0.0000	0.0000	0.0139
SW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WSW	0.0000	0.2083	0.0000	0.0000	0.0000	0.0000	0.2083
W	0.0000	0.0833	0.0000	0.0000	0.0000	0.0000	0.0833
WNW	0.0000	0.1111	0.0000	0.0000	0.0000	0.0000	0.1111
NW	0.0139	0.0833	0.0000	0.0000	0.0000	0.0000	0.0972
NNW	0.0000	0.0278	0.0000	0.0000	0.0000	0.0000	0.0278
CALM	0.1667						



(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose MTR-TNC

Location : Admin Building Monitor period : 04-07 Jun 2026
Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0080
Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0080

Time	04-05 Jun 2026		05-06 Jun 2026		06-07 Jun 2026	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
12:00 - 13:00	1.6	WSW	1.3	ESE	1.4	W
13:00 - 14:00	1.8	WSW	1.4	SE	1.4	W
14:00 - 15:00	1.8	WSW	1.3	E	1.0	W
15:00 - 16:00	1.4	NW	1.5	SSW	1.2	WNW
16:00 - 17:00	1.4	ESE	1.3	NE	1.1	WSW
17:00 - 18:00	1.4	ESE	1.4	E	1.1	NNW
18:00 - 19:00	1.3	ESE	1.4	ENE	1.1	NNE
19:00 - 20:00	1.1	NW	1.3	ESE	1.0	ENE
20:00 - 21:00	1.1	WSW	1.1	E	1.2	W
21:00 - 22:00	1.2	NW	1.6	WSW	1.4	WSW
22:00 - 23:00	1.4	NE	1.5	W	1.3	WSW
23:00 - 24:00	1.5	NW	1.2	NE	0.6	NW
00:00 - 01:00	1.5	WNW	1.2	NW	0.0	NNE
01:00 - 02:00	1.5	WSW	1.2	WNW	0.0	W
02:00 - 03:00	1.4	WNW	1.1	E	0.0	NNW
03:00 - 04:00	1.5	WSW	1.2	W	0.0	W
04:00 - 05:00	1.4	WNW	1.1	WNW	0.0	W
05:00 - 06:00	1.3	N	1.1	N	0.0	WSW
06:00 - 07:00	1.3	NNW	1.3	NW	0.0	WSW
07:00 - 08:00	1.4	WNW	1.2	WNW	0.0	W
08:00 - 09:00	1.4	WSW	1.3	WSW	0.0	WSW
09:00 - 10:00	1.4	ESE	1.3	WSW	0.0	W
10:00 - 11:00	1.4	ESE	1.4	WSW	0.0	N
11:00 - 12:00	1.6	SE	1.4	WSW	0.0	SW

Wind Rose



File Control : R:\Database\Windrose\FileControl\Win-226015-Admin Building 04-07 Jun 2026

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team

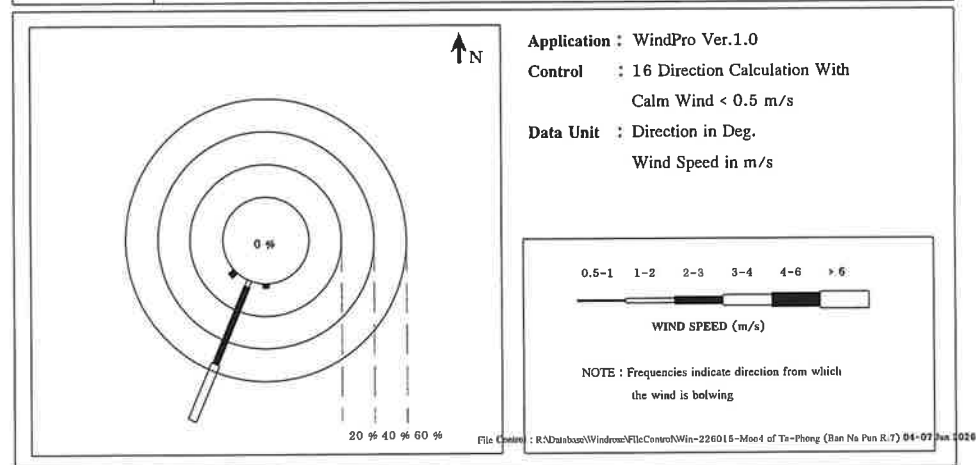


Meteorological Monitoring Results : Wind Rose

MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7) Monitor period : 04-07 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0061
 Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0061

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ENE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SSE	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
S	0.0000	0.0000	0.0278	0.0000	0.0000	0.0000	0.0278
SSW	0.0000	0.0417	0.5139	0.3750	0.0000	0.0000	0.9306
SW	0.0000	0.0000	0.0417	0.0000	0.0000	0.0000	0.0417
WSW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NNW	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CALM	0.0000						



(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

Preeda S.
 (Miss Preeda Somjai)
 Technical Management Team

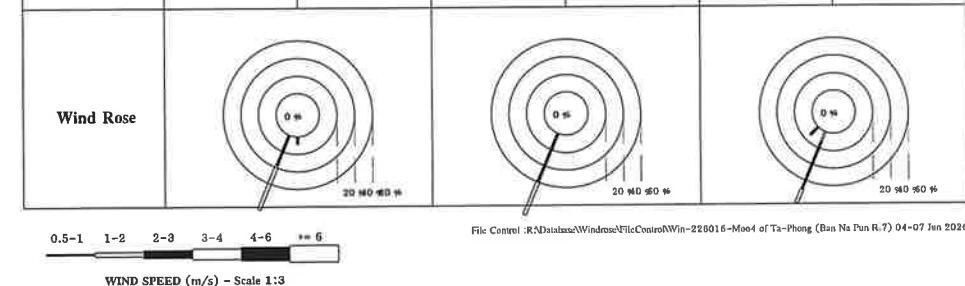


Meteorological Monitoring Results : Wind Rose

MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7) Monitor period : 04-07 Jun 2026
 Wind Speed Model : Scarlet WL-21 Serial No : 2205DR0061
 Wind Direction Model : Scarlet WL-21 Serial No : 2205DR0061

Time	04-05 Jun 2026		05-06 Jun 2026		06-07 Jun 2026	
	WS(m/s)	WD	WS(m/s)	WD	WS(m/s)	WD
13:00 - 14:00	3.4	SSW	2.8	SSW	2.3	SSW
14:00 - 15:00	3.8	SSW	3.3	SSW	2.4	SSW
15:00 - 16:00	3.2	SSW	3.2	SSW	2.4	SSW
16:00 - 17:00	2.9	SSW	3.1	SSW	2.2	SSW
17:00 - 18:00	2.7	SSW	3.3	SSW	2.2	SSW
18:00 - 19:00	2.5	SSW	2.8	SSW	2.2	SSW
19:00 - 20:00	2.2	SSW	2.4	SSW	2.8	SSW
20:00 - 21:00	2.1	SSW	3.0	SSW	2.3	SW
21:00 - 22:00	2.9	SSW	3.8	SSW	2.6	SSW
22:00 - 23:00	3.3	SSW	2.9	SSW	1.9	SSW
23:00 - 24:00	3.6	SSW	2.4	SSW	1.7	SSW
00:00 - 01:00	3.5	SSW	2.6	SSW	2.2	SSW
01:00 - 02:00	3.2	SSW	2.4	SSW	1.9	SSW
02:00 - 03:00	3.2	SSW	2.4	SSW	2.3	SSW
03:00 - 04:00	2.9	SSW	2.5	SSW	2.2	SSW
04:00 - 05:00	2.9	SSW	2.1	SSW	2.8	SSW
05:00 - 06:00	2.7	SSW	2.5	SSW	2.7	SW
06:00 - 07:00	3.1	SSW	2.6	SSW	2.7	SW
07:00 - 08:00	3.1	SSW	2.7	SSW	2.9	SSW
08:00 - 09:00	3.0	SSW	2.7	SSW	3.0	SSW
09:00 - 10:00	3.2	SSW	3.0	SSW	3.3	SSW
10:00 - 11:00	3.3	SSW	3.2	SSW	2.6	SSW
11:00 - 12:00	2.9	S	3.1	SSW	3.1	SSW
12:00 - 13:00	2.4	S	3.5	SSW	3.0	SSW



(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

Preeda S.
 (Miss Preeda Somjai)
 Technical Management Team

ผลการตรวจวัดระดับเสียง



Noise Monitoring Result : Community Noise MTR-TNC

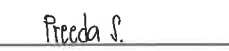
Location : Admin Building	Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR161B	Serial No : G301262
Site Operator : Mr. Siwanon Kulawong	
Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 94.0/-0.3	Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155	

Time	Equivalent Sound Pressure Level (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
12:00 - 13:00	50.7	45.5	48.5
13:00 - 14:00	47.9	46.8	49.4
14:00 - 15:00	46.2	45.5	49.7
15:00 - 16:00	52.9	45.1	49.3
16:00 - 17:00	51.5	45.3	50.1
17:00 - 18:00	45.3	45.7	49.8
18:00 - 19:00	44.3	46.2	50.1
19:00 - 20:00	43.7	47.2	49.7
20:00 - 21:00	43.4	48.1	49.6
21:00 - 22:00	43.4	49.2	49.8
22:00 - 23:00	43.4	50.1	50.1
23:00 - 00:00	43.3	51.5	50.2
00:00 - 01:00	43.4	50.4	50.6
01:00 - 02:00	43.5	49.1	50.2
02:00 - 03:00	43.9	53.0	50.0
03:00 - 04:00	44.1	53.1	50.1
04:00 - 05:00	44.2	51.5	51.7
05:00 - 06:00	44.3	51.8	52.6
06:00 - 07:00	44.0	50.0	51.4
07:00 - 08:00	44.1	49.4	52.0
08:00 - 09:00	44.1	49.5	52.3
09:00 - 10:00	44.2	50.0	52.6
10:00 - 11:00	44.6	49.4	52.8
11:00 - 12:00	45.1	49.5	52.7
Leq(24)*	46.4	49.5	50.8
Ldn	50.9	57.4	57.3
Lmax **	83.8	80.4	79.6
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


(Miss Preeda Somjai)
Technical Management Team



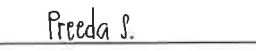
Noise Monitoring Result : Background Noise MTR-TNC

Location : Admin Building	Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR161B	Serial No : G301262
Site Operator : Mr. Siwanon Kulawong	
Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 94.0/-0.3	Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155	

Time	L90 (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
12:00 - 13:00	45.2	45.1	47.5
13:00 - 14:00	43.3	45.7	47.7
14:00 - 15:00	43.7	44.8	48.4
15:00 - 16:00	52.5	44.8	47.9
16:00 - 17:00	48.2	45.1	49.5
17:00 - 18:00	44.5	45.3	49.3
18:00 - 19:00	44.0	45.7	49.4
19:00 - 20:00	43.5	46.7	49.2
20:00 - 21:00	43.3	47.9	49.2
21:00 - 22:00	43.3	48.4	49.3
22:00 - 23:00	43.3	47.6	49.7
23:00 - 00:00	43.2	43.8	49.7
00:00 - 01:00	43.2	48.3	50.0
01:00 - 02:00	43.4	48.5	49.5
02:00 - 03:00	43.7	50.0	49.4
03:00 - 04:00	43.9	51.9	49.6
04:00 - 05:00	44.1	50.2	50.0
05:00 - 06:00	44.1	49.2	50.5
06:00 - 07:00	43.8	48.9	50.7
07:00 - 08:00	43.9	48.5	51.1
08:00 - 09:00	44.0	48.4	51.2
09:00 - 10:00	44.0	48.8	51.7
10:00 - 11:00	44.0	48.1	49.2
11:00 - 12:00	45.0	48.2	51.5
L90(avg)*	45.1	48.0	49.8

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


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise MTR-TNC

Location : South Fence Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR162B Serial No : G302738
Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 94.6/-0.9 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155

Time	Equivalent Sound Pressure Level (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
11:00 - 12:00	63.5	62.4	61.6
12:00 - 13:00	61.5	62.1	61.5
13:00 - 14:00	61.9	62.0	62.4
14:00 - 15:00	63.2	62.9	62.1
15:00 - 16:00	61.9	62.2	62.1
16:00 - 17:00	62.4	62.4	62.0
17:00 - 18:00	62.6	62.3	63.5
18:00 - 19:00	64.0	64.6	64.7
19:00 - 20:00	62.7	61.9	61.8
20:00 - 21:00	62.9	62.1	61.7
21:00 - 22:00	62.7	62.2	62.1
22:00 - 23:00	62.6	62.2	62.0
23:00 - 00:00	62.5	62.3	62.2
00:00 - 01:00	62.8	62.2	61.9
01:00 - 02:00	62.8	62.1	62.0
02:00 - 03:00	62.7	62.3	61.9
03:00 - 04:00	62.5	62.4	61.9
04:00 - 05:00	63.8	63.6	62.8
05:00 - 06:00	63.5	63.3	63.9
06:00 - 07:00	64.5	62.7	63.3
07:00 - 08:00	62.6	62.2	62.8
08:00 - 09:00	62.2	62.2	62.2
09:00 - 10:00	62.2	61.9	62.2
10:00 - 11:00	61.7	61.6	61.8
Leq(24)*	62.8	62.5	62.4
Ldn	69.5	69.0	68.9
Lmax **	97.9	102.9	104.2
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-TNC

Location : South Fence Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR162B Serial No : G302738
Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 94.6/-0.9 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155

Time	L90 (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
11:00 - 12:00	61.4	60.7	60.1
12:00 - 13:00	60.4	60.6	54.4
13:00 - 14:00	60.4	60.6	61.0
14:00 - 15:00	60.7	60.0	61.1
15:00 - 16:00	60.4	60.6	60.7
16:00 - 17:00	60.7	61.2	60.9
17:00 - 18:00	60.9	60.9	61.0
18:00 - 19:00	61.4	61.1	61.3
19:00 - 20:00	61.6	60.8	60.8
20:00 - 21:00	62.0	60.9	60.8
21:00 - 22:00	61.7	61.0	61.0
22:00 - 23:00	61.6	61.1	60.9
23:00 - 00:00	61.6	61.0	61.1
00:00 - 01:00	61.9	61.1	60.9
01:00 - 02:00	61.9	61.0	60.9
02:00 - 03:00	61.7	60.9	61.0
03:00 - 04:00	61.4	61.1	60.9
04:00 - 05:00	61.9	61.9	61.3
05:00 - 06:00	62.0	61.7	62.7
06:00 - 07:00	61.2	61.3	62.0
07:00 - 08:00	60.8	60.8	61.5
08:00 - 09:00	60.6	60.8	61.1
09:00 - 10:00	60.3	60.6	61.2
10:00 - 11:00	60.0	60.3	60.6
L90(avg)*	61.2	60.9	61.0

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-TNC

Location : East Fence	Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR161B	Serial No : G301329
Site Operator : Mr. Siwanon Kulawong	

Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.6/0.1	Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155	

Time	Equivalent Sound Pressure Level (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
12:00 - 13:00	53.6	53.7	58.9
13:00 - 14:00	54.8	55.6	55.6
14:00 - 15:00	55.3	56.0	55.1
15:00 - 16:00	54.8	55.1	54.8
16:00 - 17:00	54.9	56.0	54.9
17:00 - 18:00	54.3	55.8	55.7
18:00 - 19:00	56.1	56.4	55.4
19:00 - 20:00	53.6	55.3	54.4
20:00 - 21:00	53.3	55.1	54.3
21:00 - 22:00	53.4	55.3	55.0
22:00 - 23:00	53.8	55.1	54.7
23:00 - 00:00	53.7	55.0	54.7
00:00 - 01:00	53.9	54.7	54.9
01:00 - 02:00	53.9	54.7	55.6
02:00 - 03:00	53.9	54.9	54.8
03:00 - 04:00	54.2	55.0	57.7
04:00 - 05:00	57.7	58.3	60.4
05:00 - 06:00	59.7	59.7	59.9
06:00 - 07:00	58.8	56.0	56.1
07:00 - 08:00	55.5	56.2	55.5
08:00 - 09:00	56.1	56.9	55.2
09:00 - 10:00	57.1	55.5	55.7
10:00 - 11:00	56.1	55.3	55.8
11:00 - 12:00	56.3	55.4	54.7
Leq(24)*	55.6	55.9	56.2
Ldn	62.5	62.6	63.3
Lmax **	98.6	94.8	96.9
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

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-TNC

Location : East Fence	Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR161B	Serial No : G301329
Site Operator : Mr. Siwanon Kulawong	

Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.6/0.1	Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155	

Time	L90 (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
12:00 - 13:00	51.9	51.5	54.4
13:00 - 14:00	52.3	51.9	54.2
14:00 - 15:00	53.0	52.7	54.0
15:00 - 16:00	52.5	51.7	53.8
16:00 - 17:00	53.0	54.7	53.9
17:00 - 18:00	53.1	54.6	54.0
18:00 - 19:00	53.1	54.9	54.0
19:00 - 20:00	52.8	54.4	53.8
20:00 - 21:00	52.7	54.3	53.7
21:00 - 22:00	52.6	54.4	54.0
22:00 - 23:00	52.8	54.3	53.9
23:00 - 00:00	52.8	54.2	53.9
00:00 - 01:00	52.9	53.9	54.0
01:00 - 02:00	53.0	53.9	54.7
02:00 - 03:00	52.9	53.9	53.8
03:00 - 04:00	53.0	54.0	54.0
04:00 - 05:00	53.5	54.6	58.9
05:00 - 06:00	54.1	54.9	54.5
06:00 - 07:00	53.9	54.5	54.2
07:00 - 08:00	53.5	54.2	53.8
08:00 - 09:00	53.4	53.9	53.8
09:00 - 10:00	54.2	53.8	53.9
10:00 - 11:00	52.7	53.7	53.9
11:00 - 12:00	53.1	53.8	53.7
L90(avg)*	53.1	54.0	54.4

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise MTR-TNC

Location : North Fence Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR162B Serial No : G300990
Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.6/0.1 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155

Time	Equivalent Sound Pressure Level (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
11:00 - 12:00	64.0	63.7	63.1
12:00 - 13:00	63.1	63.7	65.3
13:00 - 14:00	63.5	63.9	64.9
14:00 - 15:00	62.0	64.9	64.8
15:00 - 16:00	61.9	65.5	64.6
16:00 - 17:00	63.4	64.8	64.6
17:00 - 18:00	63.5	63.7	64.8
18:00 - 19:00	63.9	63.6	64.6
19:00 - 20:00	63.6	63.2	64.8
20:00 - 21:00	63.5	63.3	64.8
21:00 - 22:00	63.4	63.5	65.0
22:00 - 23:00	63.4	63.3	65.1
23:00 - 00:00	63.4	63.3	63.4
00:00 - 01:00	63.2	63.1	62.9
01:00 - 02:00	63.5	63.1	63.3
02:00 - 03:00	63.6	63.3	63.4
03:00 - 04:00	63.5	63.2	63.3
04:00 - 05:00	63.5	63.1	63.5
05:00 - 06:00	63.7	63.2	63.7
06:00 - 07:00	63.0	63.6	63.7
07:00 - 08:00	62.5	63.5	63.5
08:00 - 09:00	61.9	63.5	63.3
09:00 - 10:00	61.2	63.3	63.1
10:00 - 11:00	63.2	63.0	63.1
Leq(24)*	63.2	63.6	64.1
Ldn	69.8	69.8	70.2
Lmax **	107.3	108.9	100.6
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-TNC

Location : North Fence Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR162B Serial No : G300990
Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.6/0.1 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155

Time	L90 (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
11:00 - 12:00	62.8	62.9	62.6
12:00 - 13:00	62.6	63.2	64.3
13:00 - 14:00	62.2	63.1	64.5
14:00 - 15:00	61.2	64.0	64.4
15:00 - 16:00	61.1	64.3	64.2
16:00 - 17:00	61.7	64.3	64.0
17:00 - 18:00	63.0	62.9	64.2
18:00 - 19:00	62.9	63.0	63.7
19:00 - 20:00	63.0	62.7	64.4
20:00 - 21:00	63.0	62.8	64.5
21:00 - 22:00	63.1	63.1	64.6
22:00 - 23:00	62.9	62.7	64.6
23:00 - 00:00	63.0	62.7	62.7
00:00 - 01:00	62.8	62.7	62.6
01:00 - 02:00	63.0	62.7	62.9
02:00 - 03:00	63.1	62.8	63.0
03:00 - 04:00	63.1	62.8	62.9
04:00 - 05:00	63.1	62.7	62.9
05:00 - 06:00	63.0	62.8	63.2
06:00 - 07:00	62.1	63.0	63.1
07:00 - 08:00	61.7	63.0	62.8
08:00 - 09:00	60.4	62.9	62.7
09:00 - 10:00	59.3	62.7	62.6
10:00 - 11:00	62.4	62.5	62.6
L90(avg)*	62.5	63.0	63.6

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-TNC

Location : West Fence	Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR161B	Serial No : G302635
Site Operator : Mr. Siwanon Kulawong	
Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.3/0.4	Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155	

Time	Equivalent Sound Pressure Level (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
11:00 - 12:00	69.6	69.3	70.6
12:00 - 13:00	68.8	69.0	71.9
13:00 - 14:00	67.8	67.3	69.3
14:00 - 15:00	66.5	69.5	70.3
15:00 - 16:00	66.5	66.7	69.9
16:00 - 17:00	66.3	67.7	69.9
17:00 - 18:00	67.0	68.6	69.1
18:00 - 19:00	70.0	69.4	69.0
19:00 - 20:00	69.2	68.9	69.0
20:00 - 21:00	69.3	68.8	69.0
21:00 - 22:00	69.1	68.9	69.0
22:00 - 23:00	69.1	68.9	69.0
23:00 - 00:00	69.0	68.9	68.9
00:00 - 01:00	69.0	68.9	68.9
01:00 - 02:00	68.9	68.9	69.0
02:00 - 03:00	69.0	68.9	68.9
03:00 - 04:00	69.0	68.9	68.9
04:00 - 05:00	69.0	68.9	69.0
05:00 - 06:00	69.0	68.9	69.0
06:00 - 07:00	69.2	69.2	69.2
07:00 - 08:00	69.2	69.3	69.6
08:00 - 09:00	69.7	70.5	69.4
09:00 - 10:00	69.4	70.2	69.2
10:00 - 11:00	69.2	70.1	69.3
Leq(24)*	68.8	69.0	69.4
Ldn	75.4	75.4	75.5
Lmax **	106.2	104.2	104.3
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

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-TNC

Location : West Fence	Monitor Period : 04-07 Jun 2026
SLM Model : Cirrus CR161B	Serial No : G302635
Site Operator : Mr. Siwanon Kulawong	
Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.3/0.4	Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2026-155	

Time	L90 (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
11:00 - 12:00	68.4	68.4	68.3
12:00 - 13:00	68.2	68.5	68.8
13:00 - 14:00	65.5	66.4	68.9
14:00 - 15:00	65.2	68.2	69.1
15:00 - 16:00	65.2	65.2	68.9
16:00 - 17:00	65.2	66.5	68.8
17:00 - 18:00	66.0	67.6	68.7
18:00 - 19:00	67.5	68.4	68.8
19:00 - 20:00	68.8	68.5	68.7
20:00 - 21:00	68.8	68.5	68.8
21:00 - 22:00	68.8	68.5	68.8
22:00 - 23:00	68.7	68.6	68.7
23:00 - 00:00	68.7	68.6	68.7
00:00 - 01:00	68.7	68.6	68.6
01:00 - 02:00	68.6	68.6	68.7
02:00 - 03:00	68.6	68.6	68.7
03:00 - 04:00	68.7	68.6	68.7
04:00 - 05:00	68.7	68.7	68.7
05:00 - 06:00	68.7	68.6	68.7
06:00 - 07:00	68.6	68.6	68.7
07:00 - 08:00	68.5	68.6	68.7
08:00 - 09:00	68.6	68.9	68.6
09:00 - 10:00	68.4	69.3	68.6
10:00 - 11:00	68.4	69.2	68.7
L90(avg)*	68.1	68.3	68.7

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise

MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7) Monitor Period : 04-07 Jun 2026
 SLM Model : Cirrus CR162C Serial No : G301029
 Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515 Serial No : 97097
 Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
 SLM Reading / Adjust dB(A) : 93.4/0.3 Expire Date : 13 Oct 2026
 Cal Sheet No.: CR-515-2026-155

Time	Equivalent Sound Pressure Level (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
13:00 - 14:00	48.6	46.7	47.5
14:00 - 15:00	49.5	48.5	46.3
15:00 - 16:00	48.5	48.2	46.4
16:00 - 17:00	47.6	47.7	46.4
17:00 - 18:00	49.1	48.9	47.1
18:00 - 19:00	49.7	49.4	46.3
19:00 - 20:00	46.9	47.8	46.9
20:00 - 21:00	45.1	45.8	47.0
21:00 - 22:00	45.5	49.2	46.6
22:00 - 23:00	46.6	48.0	46.3
23:00 - 00:00	47.1	46.1	44.5
00:00 - 01:00	48.3	45.8	44.9
01:00 - 02:00	47.5	45.2	44.9
02:00 - 03:00	47.1	45.2	44.6
03:00 - 04:00	46.4	45.4	44.6
04:00 - 05:00	46.0	45.4	45.0
05:00 - 06:00	47.0	46.5	46.5
06:00 - 07:00	47.7	46.7	47.1
07:00 - 08:00	48.9	47.2	47.6
08:00 - 09:00	47.8	46.2	46.6
09:00 - 10:00	47.5	45.4	47.4
10:00 - 11:00	48.1	46.6	47.7
11:00 - 12:00	49.8	47.3	46.9
12:00 - 13:00	51.3	52.3	47.0
Leq(24)*	48.1	47.5	46.4
Ldn	53.8	52.9	52.1
Lmax **	92.7	95.7	91.3
Standard-24Hr	70 dB(A)		
Standard-Max	115 dB(A)		

Remark : * Average time between 13:00-13:00

** Maximum Sound Pressure Level between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

Preeda S.
 (Miss Preeda Somjai)
 Technical Management Team



Noise Monitoring Result : Background Noise

MTR-TNC

Location : Moo4 of Ta-Phong (Ban Na Pun R.7) Monitor Period : 04-07 Jun 2026
 SLM Model : Cirrus CR162C Serial No : G301029
 Site Operator : Mr. Siwanon Kulawong

Calibrator Model : Cirrus CR:515 Serial No : 97097
 Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
 SLM Reading / Adjust dB(A) : 93.4/0.3 Expire Date : 13 Oct 2026
 Cal Sheet No.: CR-515-2026-155

Time	L90 (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
13:00 - 14:00	44.0	43.6	45.4
14:00 - 15:00	45.6	45.3	44.3
15:00 - 16:00	45.3	45.7	44.4
16:00 - 17:00	45.2	45.7	44.4
17:00 - 18:00	45.5	45.9	44.7
18:00 - 19:00	45.0	46.2	44.4
19:00 - 20:00	44.7	45.1	44.4
20:00 - 21:00	43.7	44.4	44.5
21:00 - 22:00	43.9	45.2	44.5
22:00 - 23:00	44.6	45.5	44.6
23:00 - 00:00	45.1	44.3	43.5
00:00 - 01:00	45.1	44.2	43.5
01:00 - 02:00	45.0	44.2	43.8
02:00 - 03:00	44.9	43.9	43.7
03:00 - 04:00	44.6	44.2	43.7
04:00 - 05:00	44.4	44.2	43.8
05:00 - 06:00	44.9	44.5	45.1
06:00 - 07:00	45.2	45.1	45.2
07:00 - 08:00	45.9	44.7	45.0
08:00 - 09:00	45.1	44.3	44.7
09:00 - 10:00	44.7	43.7	45.1
10:00 - 11:00	45.5	44.4	45.1
11:00 - 12:00	46.3	44.7	44.7
12:00 - 13:00	43.9	45.4	44.8
L90(avg)*	45.0	44.8	44.5

Remark : * Average time between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
 Environmental Scientist

Preeda S.
 (Miss Preeda Somjai)
 Technical Management Team



Noise Monitoring Result : Community Noise MTR-TNC

Location : Ban Pluak Kate		Monitor Period : 04-07 Jun 2026	
SLM Model : Cirrus CR162C		Serial No : G300832	
Site Operator : Mr. Siwanon Kulawong			
Calibrator Model : Cirrus CR:515		Serial No : 97097	
Calibration Ref dB(A) : 94.0		Certified Date : 14 Oct 2025	
SLM Reading / Adjust dB(A) : 93.6/0.1		Expire Date : 13 Oct 2026	
Cal Sheet No.: CR-515-2026-155			
Time	Equivalent Sound Pressure Level (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
14:00 - 15:00	65.5	56.8	58.4
15:00 - 16:00	56.5	57.1	58.1
16:00 - 17:00	56.9	57.8	58.1
17:00 - 18:00	56.8	58.2	58.4
18:00 - 19:00	56.7	57.6	57.6
19:00 - 20:00	55.2	55.7	56.9
20:00 - 21:00	54.6	55.2	56.2
21:00 - 22:00	53.6	55.1	56.4
22:00 - 23:00	54.1	54.7	55.3
23:00 - 00:00	52.7	52.7	53.0
00:00 - 01:00	52.1	52.5	52.7
01:00 - 02:00	52.4	52.3	53.2
02:00 - 03:00	51.3	51.1	52.0
03:00 - 04:00	51.0	51.1	52.2
04:00 - 05:00	52.4	52.1	52.8
05:00 - 06:00	54.8	54.7	55.7
06:00 - 07:00	57.0	56.4	57.7
07:00 - 08:00	58.7	56.7	58.1
08:00 - 09:00	57.6	56.7	57.9
09:00 - 10:00	55.6	57.2	58.7
10:00 - 11:00	57.4	56.4	57.7
11:00 - 12:00	57.1	56.2	59.6
12:00 - 13:00	55.4	60.3	58.9
13:00 - 14:00	56.2	58.2	58.2
Leq(24)*	56.9	56.1	57.0
Ldn	61.0	60.6	61.5
Lmax **	109.7	106.9	98.9
Standard-24Hr	70 dB(A)		
Standard-Max	115 dB(A)		

Remark : * Average time between 14:00-14:00

** Maximum Sound Pressure Level between 14:00-14:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-TNC

Location : Ban Pluak Kate
SLM Model : Cirrus CR162C
Site Operator : Mr. Siwanon Kulawong

Monitor Period : 04-07 Jun 2026
Serial No : G300832

Calibrator Model : Citrus CR:515
Calibration Ref dB(A) : 94.0
SLM Reading / Adjust dB(A) : 93.6/0.1
Cal Sheet No.: CR-515-2026-155

Serial No : 97097
Certified Date : 14 Oct 2025
Expire Date : 13 Oct 2026

Time	L90 (dB(A))		
	04-05 Jun 2026	05-06 Jun 2026	06-07 Jun 2026
14:00 - 15:00	53.9	53.7	55.3
15:00 - 16:00	53.5	53.8	54.9
16:00 - 17:00	53.7	55.0	54.6
17:00 - 18:00	54.0	55.3	55.3
18:00 - 19:00	53.3	54.8	54.2
19:00 - 20:00	51.9	52.4	52.9
20:00 - 21:00	51.1	51.9	52.9
21:00 - 22:00	50.3	52.6	52.5
22:00 - 23:00	50.2	51.4	51.3
23:00 - 00:00	50.1	49.7	49.3
00:00 - 01:00	49.1	49.5	49.0
01:00 - 02:00	48.9	48.9	49.8
02:00 - 03:00	48.4	48.3	48.8
03:00 - 04:00	48.3	48.3	48.5
04:00 - 05:00	49.3	48.9	49.5
05:00 - 06:00	50.7	50.5	51.7
06:00 - 07:00	53.2	53.3	53.2
07:00 - 08:00	55.5	53.2	54.0
08:00 - 09:00	53.6	53.3	54.1
09:00 - 10:00	52.5	53.0	54.5
10:00 - 11:00	53.5	53.2	54.1
11:00 - 12:00	54.4	52.9	55.3
12:00 - 13:00	52.0	56.1	55.7
13:00 - 14:00	52.1	55.9	54.8
L90(avg)*	52.3	52.9	53.3

Remark : * Average time between 14:00-14:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team

ผลการตรวจวัดและวิเคราะห์
คุณภาพอากาศจากปล่องระบายอากาศ



บริษัท ซีคอต จำกัด
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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd	REFERENCE NO.	: 226015-Stack-2606-0033
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 2-239
SAMPLING DATE	: 04/06/2026	SAMPLING TIME	: 11.45 a.m.-01.00 p.m.
RECEIVED DATE	: 05/06/2026	ANALYTICAL DATE	: 05-07/06/2026
REPORT DATE	: 15/06/2026	OPERATOR	: Mr. Atthachai Nuannim (2-239-จ-0044)
STACK LOCATION	: Nitric Acid Plant	FUEL TYPE	: Tail Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 54.0 m	Flow rate ^{1/}	: 645 Ncu.m/min
Diameter	: 0.78 m	Excess Oxygen	: 4.0 %
Temperature	: 122.7 °C	Moisture Content	: 11.6 %
Gas Velocity	: 33.1 m/s		

PARAMETER	UNIT	RESULTS		ASSIGN VALUE ^{2/}	STANDARD ^{3/}	REFERENCE METHODS
		4.0%O ₂	7%O ₂			
Particulate Matter	mg/Ncu.m	0.22	0.18	-	320	US. EPA Method 5
	g/s	-	0.002	-	-	

(Miss Pornnapa Budthum)

Analyst

REG.NO.2-239-จ-0018

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.2-239-ท-0010

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

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

3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} The assign value in EIA report.

5. ^{3/} Notification of Ministry of Industry, B.E.2549 and the Ministry of Natural Resources and Environment, B.E.2549



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd	REFERENCE NO.	: 226015-Stack-2606-0033
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 2-239
SAMPLING DATE	: 04/06/2026	SAMPLING TIME	: 11.45 a.m.-01.00 p.m.
RECEIVED DATE	: 05/06/2026	ANALYTICAL DATE	: 17/06/2026
REPORT DATE	: 22/06/2026	OPERATOR	: Mr. Atthachai Nuannim (2-239-จ-0044)
STACK LOCATION	: Nitric Acid Plant	FUEL TYPE	: Tail Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 54.0 m	Flow rate ^{1/}	: 645 Ncu.m/min
Diameter	: 0.78 m	Excess Oxygen	: 4.0 %
Temperature	: 122.7 °C	Moisture Content	: 11.6 %
Gas Velocity	: 33.1 m/s		

PARAMETER	UNIT	ND	RESULTS		ASSIGN VALUE ^{2/}	STANDARD ^{3/}	REFERENCE METHODS
		Non-detectable	4.0%O ₂	7%O ₂			
Oxide of Nitrogen	ppm	2.65	104.79	86.02	250	200	US. EPA Method 7A
(No _x as NO ₂)	g/s	-	-	2.120	2.3	-	

(Miss Pornnapa Budthum)

Analyst

REG.NO.2-239-จ-0018

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.2-239-ท-0010

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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd	REFERENCE NO.	: 226015-Stack-2606-0033
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 04/06/2026
SAMPLING TIME	: 11.45 a.m. - 01.00 p.m.	RECEIVED DATE	: 05/06/2026
ANALYTICAL DATE	: 09/06/2026	REPORT DATE	: 22/06/2026
STACK LOCATION	: Nitric Acid Plant	FUEL TYPE	: Tail Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal
OPERATOR	: Mr. Atthachai Nuannim		

STACK DESCRIPTION

Height	: 54.0 m	Flow rate ^{1/}	: 645 Ncu.m/min
Diameter	: 0.78 m	Excess Oxygen	: 4.0 %
Temperature	: 122.7 °C	Moisture Content	: 11.6 %
Gas Velocity	: 33.1 m/s		

PARAMETER	UNIT	ND	RESULTS		ASSIGN	STANDARD ^{3/}	REFERENCE METHODS
		Non-detectable	4.0%O ₂	7%O ₂	VALUE ^{2/}		
Ammonia (NH ₃)	ppm	-	0.043	0.035	-	-	US. EPA Method
	g/s	-	-	0.0003	-	-	CTM 027

(Miss Pornnapa Budthum)

Analyst

(Miss Narisa Poowasanpetch)

Technical Management Team

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4. ^{2/} The assign value in EIA report.

5. ^{3/} Notification of the Ministry of Natural Resources and Environment B.E.2554.



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd	REFERENCE NO.	: 226015-Stack-2606-0033
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 04/06/2026	SAMPLING TIME	: 03.10-04.10 p.m.
RECEIVED DATE	: 05/06/2026	ANALYTICAL DATE	: 05-07/06/2026
REPORT DATE	: 15/06/2026	OPERATOR	: Mr. Atthachai Nuannim (7-239-0-0044)
STACK LOCATION	: Ammonium Nitrate Plant	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 34.0 m	Flow rate ^{1/}	: 2,446 Ncu.m/min
Diameter	: 1.12 m	Excess Oxygen	: 20.6 %
Temperature	: 48.1 °C	Moisture Content	: 4.5 %
Gas Velocity	: 47.2 m/s		

PARAMETER	UNIT	RESULTS	ASSIGN	STANDARD ^{3/}	REFERENCE METHODS
			VALUE ^{2/}		
Particulate Matter	mg/Ncu.m	0.20	-	400	US. EPA Method 5
	g/s	0.01	-	-	

(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-0-0018

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

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3. ^{1/} At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{2/} The assign value in EIA report.

5. ^{3/} Notification of Ministry of Industry, B.E.2549 and the Ministry of Natural Resources and Environment, B.E.2549



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd	REFERENCE NO.	: 226015-Stack-2606-0033
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 2-239
SAMPLING DATE	: 04/06/2026	SAMPLING TIME	: 03.10-04.10 p.m.
RECEIVED DATE	: 05/06/2026	ANALYTICAL DATE	: 17/06/2026
REPORT DATE	: 22/06/2026	OPERATOR	: Mr. Atthachai Nuannim (2-239-จ-0044)
STACK LOCATION	: Ammonium Nitrate Plant	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 34.0 m	Flow rate ^{1/}	: 2,446 Ncu.m/min
Diameter	: 1.12 m	Excess Oxygen	: 20.6 %
Temperature	: 48.1 °C	Moisture Content	: 4.5 %
Gas Velocity	: 47.2 m/s		

PARAMETER	UNIT	ND Non-detectable	RESULTS	ASSIGN VALUE ^{2/}	STANDARD ^{3/}	REFERENCE METHODS
Oxide of Nitrogen (No _x as NO ₂)	ppm g/s	2.65 -	ND <0.204	- -	- -	US. EPA Method 7A

Bongpa putthum
(Miss Pornnapa Budthum)

Analyst

REG.NO.2-239-จ-0018

Maun Poowasanpetch
(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.2-239-ท-0010

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4. ^{2/} The assign value in EIA report.

5. ^{3/} Notification of Ministry of Industry, B.E.2549 and the Ministry of Natural Resources and Environment, B.E.2549



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd	REFERENCE NO.	: 226015-Stack-2606-0033
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING DATE	: 04/06/2026
SAMPLING TIME	: 03.10-04.10 p.m.	RECEIVED DATE	: 05/06/2026
ANALYTICAL DATE	: 09/06/2026	REPORT DATE	: 22/06/2026
STACK LOCATION	: Ammonium Nitrate Plant	FUEL TYPE	: -
SOURCE DESCRIPTION	: Process	SAMPLE CONDITION	: Normal
OPERATOR	: Mr. Atthachai Nuannim		

STACK DESCRIPTION

Height	: 34.0 m	Flow rate ^{1/}	: 2,446 Ncu.m/min
Diameter	: 1.12 m	Excess Oxygen	: 20.6 %
Temperature	: 48.1 °C	Moisture Content	: 4.5 %
Gas Velocity	: 47.2 m/s		

PARAMETER	UNIT	ND Non-detectable	RESULTS	ASSIGN VALUE ^{2/}	STANDARD ^{3/}	REFERENCE METHODS
Ammonia (NH ₃)	ppm g/s	- -	3.772 0.11	25 -	- -	US. EPA Method CTM 027

Bongpa putthum
(Miss Pornnapa Budthum)

Analyst

Maun Poowasanpetch
(Miss Narisa Poowasanpetch)

Technical Management Team

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4. ^{2/} The assign value in EIA report.

5. ^{3/} Notification of the Ministry of Natural Resources and Environment B.E.2554.

ผลการตรวจวัดและวิเคราะห์คุณภาพน้ำทิ้ง



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0088/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 15/01/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 16/01/2026	SAMPLING TIME	: 15:11
ANALYTICAL DATE	: 16-24/01/2026	SITE OPERATOR	: Mr. Aniwat Pimwanna
REPORT DATE	: 24/01/2026		: 7-239-0-0007
SAMPLE CONDITION	: เหลืองใสสะอาด	FILE CODE	: 226015_WW_January

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD ¹⁾
		METHODS	(non-detectable)	น้ำทิ้งจากบ่อพักรวม	
Temperature	°C	2550 B	< 0.5	33.7	≤ 40
pH	-	4500-H ⁺ B	< 0.10	6.91	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	436	≤ 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 _{org} B	< 0.20	15.4	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	2.4	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

(Miss Pornnapa Budthum)

Analyst

REG. NO. 7-239-0-0018

(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-0-0005

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3. ¹⁾ Notification of the Ministry of Industry, Regarding Industrial Effluent Standards, B.E.2560 (2017).
4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0088/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 15/01/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 16/01/2026	SAMPLING TIME	: 15:11
ANALYTICAL DATE	: 16-24/01/2026	SITE OPERATOR	: Mr. Aniwat Pimwanna
REPORT DATE	: 24/01/2026		: 7-239-0-0007
SAMPLE CONDITION	: เหลืองใสสะอาด	FILE CODE	: 226015_WW_January

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD
		METHODS	(non-detectable)	น้ำทิ้งจากบ่อพักรวม	
Dissolved Oxygen	mg/l	4500-O G	< 0.10	4.6	*
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	11.8	*
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	63.2	*
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	7,900	*

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

(Miss Pornnapa Budthum)

Analyst

(Miss Khemchuda Insorn)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0218/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 09/02/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 10/02/2026	SAMPLING TIME	: 15:15
ANALYTICAL DATE	: 10-18/02/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 18/02/2026		: 7-239-0-0038
SAMPLE CONDITION	: เขียวใส่น้ตะกอน	FILE CODE	: 226015_WW_February

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION น้ำทิ้งจากบ่อพักรวม	STANDARD ^{1/}
Temperature	°C	2550 B	< 0.5	37.1	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.21	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	1,090	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	2.6	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	2.6	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	1.0	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA-APHA-WEF)

Pornapa Budthum

(Miss Pornapa Budthum)

Analyst

REG. NO. 7-239-0-0018

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-0-0005

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3.^{1/} Notification of the Ministry of Industry. Regarding Industrial Effluent Standards, B.E.2560 (2017).

4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0218/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 09/02/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 10/02/2026	SAMPLING TIME	: 15:15
ANALYTICAL DATE	: 10-18/02/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 18/02/2026		: 7-239-0-0038
SAMPLE CONDITION	: เขียวใส่น้ตะกอน	FILE CODE	: 226015_WW_February

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION น้ำทิ้งจากบ่อพักรวม	STANDARD
Dissolved Oxygen	mg/l	4500-O G	< 0.10	5.4	-
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	9.2	-
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	306	-
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	27	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA-APHA-WEF)

Pornapa Budthum

(Miss Pornapa Budthum)

Analyst

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0451/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 13/03/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 14/03/2026	SAMPLING TIME	: 08:19
ANALYTICAL DATE	: 14-21/03/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 21/03/2026		: 7-239-ท-0038
SAMPLE CONDITION	: เหลืองใสมีตะกอน	FILE CODE	: 226015_WW_March

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION น้ำทิ้งจากบ่อพักรวม	STANDARD ^U
Temperature	°C	2550 B	< 0.5	34.0	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.26	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	1.198	≤ 3.000
Total Suspended Solids	mg/l	2540 D	< 2.5	< 2.5	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	5.0	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	1.5	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2012 (AWWA APHA WEF)

Pornnapa Budthum
(Miss Pornnapa Budthum)

Analyst

REG. NO. 7-239-ท-0018

Khemchuda Insorn
(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-ท-0005

- Remark :**
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 3. ^U Notification of the Ministry of Industry, Regarding Industrial Effluent Standards, B.E.2560 (2017).
 4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0451/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 13/03/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 14/03/2026	SAMPLING TIME	: 08:19
ANALYTICAL DATE	: 14-21/03/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 21/03/2026		: 7-239-ท-0038
SAMPLE CONDITION	: เหลืองใสมีตะกอน	FILE CODE	: 226015_WW_March

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION น้ำทิ้งจากบ่อพักรวม	STANDARD
Dissolved Oxygen	mg/l	4500-O G	< 0.10	4.7	-
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	11.1	-
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	340	-
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	28,000	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2012 (AWWA APHA WEF)

Pornnapa Budthum
(Miss Pornnapa Budthum)

Analyst

Khemchuda Insorn
(Miss Khemchuda Insorn)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0607/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 08/04/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 09/04/2026	SAMPLING TIME	: 10:55
ANALYTICAL DATE	: 09-20/04/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 20/04/2026		: 7-239-0-0038
SAMPLE CONDITION	: เหลือใส	FILE CODE	: 226015_WW_April

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD ¹⁾
		METHODS	(non-detectable)	น้ำทิ้งจากบ่อพักรวม	
Temperature	°C	2550 B	< 0.5	38.8	≤ 40
pH		4500-H ⁺ B	< 0.10	7.38	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	950	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	3.2	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	5.2	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	1.4	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

Pornapa Budthum

(Miss Pornapa Budthum)

Analyst

REG. NO. 7-239-0-0018

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-0-0005

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3. ¹⁾ Notification of the Ministry of Industry. Regarding Industrial Effluent Standards. B.E.2560 (2017).

4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0607/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 08/04/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 09/04/2026	SAMPLING TIME	: 10:55
ANALYTICAL DATE	: 09-20/04/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 20/04/2026		: 7-239-0-0038
SAMPLE CONDITION	: เหลือใส	FILE CODE	: 226015_WW_April

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD
		METHODS	(non-detectable)	น้ำทิ้งจากบ่อพักรวม	
Dissolved Oxygen	mg/l	4500-O G	< 0.10	5.2	≥
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	9.8	≥
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	153	≥
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	2,200	≥

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

Pornapa Budthum

(Miss Pornapa Budthum)

Analyst

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0786/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 11/05/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/05/2026	SAMPLING TIME	: 10:17
ANALYTICAL DATE	: 12-18/05/2026	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 18/05/2026	FILE CODE	: 7-239-9-0010
SAMPLE CONDITION	: ใสมีตะกอน		: 226015_WW_May

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION น้ำทิ้งจากบ่อพักรวม	STANDARD ^{1/}
Temperature	°C	2550 B	< 0.5	38.8	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.12	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	752	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	3.0	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	6.0	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	1.1	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA, APHA, WEF)

Pornapa Budthum

(Miss Pornnapa Budthum)

Analyst

REG. NO. 7-239-9-0018

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-9-0005

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0786/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 11/05/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/05/2026	SAMPLING TIME	: 10:17
ANALYTICAL DATE	: 12-18/05/2026	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 18/05/2026	FILE CODE	: -
SAMPLE CONDITION	: ใสมีตะกอน		: 226015_WW_May

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION น้ำทิ้งจากบ่อพักรวม	STANDARD
Dissolved Oxygen	mg/l	4500-O G	< 0.10	5.2	-
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	9.4	-
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	296	-
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	3,500	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA, APHA, WEF)

Pornapa Budthum

(Miss Pornnapa Budthum)

Analyst

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0956/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 04/06/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 05/06/2026	SAMPLING TIME	: 10:40
ANALYTICAL DATE	: 05-17/06/2026	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 17/06/2026	FILE CODE	: 7-239-0-0010
SAMPLE CONDITION	: เหลืองใสสะอาด		: 226015_WW_June

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD ^{1/}
		METHODS	(non-detectable)	น้ำทิ้งจากบ่อพักรวม	
Temperature	°C	2550 B	< 0.5	39.1	≤ 40
pH	-	4500-H ⁺ B	< 0.10	6.89	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	834	≤ 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 _{org} B	< 0.20	11.7	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	1.8	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

Bong Puthum

(Miss Pornnapa Budthum)

Analyst

REG. NO. 7-239-0-0018

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-0-0005

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3. ^{1/} Notification of the Ministry of Industry, Regarding Industrial Effluent Standards, B.E.2560 (2017).

4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0956/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: *
SAMPLING DATE	: 04/06/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 05/06/2026	SAMPLING TIME	: 10:40
ANALYTICAL DATE	: 05-17/06/2026	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 17/06/2026	FILE CODE	: *
SAMPLE CONDITION	: เหลืองใสสะอาด		: 226015_WW_June

PARAMETER	UNIT	ANALYSIS	ND	STATION	STANDARD
		METHODS	(non-detectable)	น้ำทิ้งจากบ่อพักรวม	
Dissolved Oxygen	mg/l	4500-O G	< 0.10	4.4	-
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	6.0	-
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	154	-
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	1,300	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

Bong Puthum

(Miss Pornnapa Budthum)

Analyst

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

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

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3. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0088/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 15/01/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 16/01/2026	SAMPLING TIME	: 15:02
ANALYTICAL DATE	: 16-24/01/2026	SITE OPERATOR	: Mr. Aniwat Pimwanna
REPORT DATE	: 24/01/2026	FILE CODE	: 7-239-0-0007
SAMPLE CONDITION	: เหลือไม่ถึงตะกอน		: 226015_WW_January

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ^u
				บ่อพักน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Temperature	°C	2550 B	< 0.5	34.9	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.65	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	408	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	10	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	17.3	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	3.3	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA APHA WEF)

Pornnapa Budithum
(Miss Pornnapa Budithum)

Analyst

REG. NO. 7-239-0-0008

Khemchuda Insorn
(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-0-0005

- Remark :**
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 3. ^u Notification of the Ministry of Industry. Regarding Industrial Effluent Standards. B.E.2560 (2017).
 4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0088/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 15/01/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 16/01/2026	SAMPLING TIME	: 15:02
ANALYTICAL DATE	: 16-24/01/2026	SITE OPERATOR	: Mr. Aniwat Pimwanna
REPORT DATE	: 24/01/2026	FILE CODE	: 7-239-0-0007
SAMPLE CONDITION	: เหลือไม่ถึงตะกอน		: 226015_WW_January

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD
				บ่อพักน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Dissolved Oxygen	mg/l	4500-O G	< 0.10	6.4	-
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	13.6	-
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	17.0	-
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	330	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2023 (AWWA APHA WEF)

Pornnapa Budithum
(Miss Pornnapa Budithum)

Analyst

Khemchuda Insorn
(Miss Khemchuda Insorn)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0218/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 09/02/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 10/02/2026	SAMPLING TIME	: 15:03
ANALYTICAL DATE	: 10-18/02/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 18/02/2026		: 7-239-0-0038
SAMPLE CONDITION	: เขียวขุ่นมีตะกอน	FILE CODE	: 226015_WW_February

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ¹⁾
				บ่อพักน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Temperature	°C	2550 B	< 0.5	33.9	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.79	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	322	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	24	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	35.1	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	6.4	≤ 20

REFERENCE: STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

REG. NO. 7-239-0-0018

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-0-0005

- Remark : 1. Reported analysis refers to submitted sample only.
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3. ¹⁾ Notification of the Ministry of Industry. Regarding Industrial Effluent Standards, B.E.2560 (2017).
4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0218/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 09/02/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 10/02/2026	SAMPLING TIME	: 15:03
ANALYTICAL DATE	: 10-18/02/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 18/02/2026		: 7-239-0-0038
SAMPLE CONDITION	: เขียวขุ่นมีตะกอน	FILE CODE	: 226015_WW_February

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD
				บ่อพักน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Dissolved Oxygen	mg/l	4500-O G	< 0.10	6.8	-
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	0.18	-
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	63.8	-
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	9,200	-

REFERENCE: STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0451/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 13/03/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 14/03/2026	SAMPLING TIME	: 08:15
ANALYTICAL DATE	: 14-21/03/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 21/03/2026	FILE CODE	: 7-239-9-0038
SAMPLE CONDITION	: เหลืองใต้บึงคะนอง		: 226015_WW_March

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ¹⁾
				บึงก้นน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Temperature	°C	2550 B	< 0.5	32.3	≤ 40
pH	-	4500-H ⁺ B	< 0.10	6.99	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	852	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	8.0	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	20.5	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	3.4	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED., 2011 (AWWA, APHA, WEF)

Pornapa Budthum
(Miss Pornapa Budthum)

Analyst

REG. NO. 7-239-9-0018

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-9-0005

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 3. ¹⁾ Notification of the Ministry of Industry. Regarding Industrial Effluent Standards. B.E.2560 (2017).
 4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0451/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: *
SAMPLING DATE	: 13/03/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 14/03/2026	SAMPLING TIME	: 08:15
ANALYTICAL DATE	: 14-21/03/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 21/03/2026	FILE CODE	: *
SAMPLE CONDITION	: เหลืองใต้บึงคะนอง		: 226015_WW_March

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD
				บึงก้นน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Dissolved Oxygen	mg/l	4500-O G	< 0.10	4.7	*
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	5.0	*
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	196	*
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	9,400	*

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED., 2011 (AWWA, APHA, WEF)

Pornapa Budthum

(Miss Pornapa Budthum)

Analyst

Khemchuda Insorn

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Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0607/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 08/04/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 09/04/2026	SAMPLING TIME	: 10:45
ANALYTICAL DATE	: 09-20/04/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 20/04/2026	FILE CODE	: 226015_WW_April
SAMPLE CONDITION	: เหลืองใสสะอาด		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	STANDARD ¹⁾
Temperature	°C	2550 B	< 0.5	35.8	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.60	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	528	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	20	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	29.0	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	5.5	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

Pornaporn Budthum
(Miss Pornapa Budthum)

Analyst

REG. NO. 7-239-9-0018

Khemchuda Insom
(Miss Khemchuda Insom)

Technical Management Team

REG. NO. 7-239-9-0005

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3. ¹⁾ Notification of the Ministry of Industry. Regarding Industrial Effluent Standards. B.E.2560 (2017).

4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0607/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: *
SAMPLING DATE	: 08/04/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 09/04/2026	SAMPLING TIME	: 10:45
ANALYTICAL DATE	: 09-20/04/2026	SITE OPERATOR	: Miss Wiraya Patchimboon
REPORT DATE	: 20/04/2026	FILE CODE	: 226015_WW_April
SAMPLE CONDITION	: เหลืองใสสะอาด		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	
				บ่อน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	STANDARD
Dissolved Oxygen	mg/l	4500-O G	< 0.10	5.6	-
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	0.33	-
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	21.1	-
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	230	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

Pornaporn Budthum
(Miss Pornapa Budthum)

Analyst

Khemchuda Insom
(Miss Khemchuda Insom)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0786/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 11/05/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/05/2026	SAMPLING TIME	: 10:01
ANALYTICAL DATE	: 12-18/05/2026	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 18/05/2026	FILE CODE	: 7-239-0-0010
SAMPLE CONDITION	: ใส่มืดกอน		: 226015_WW_May

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ¹⁾
				บ่อกักน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Temperature	°C	2550 B	< 0.5	35.3	≤ 40
pH	-	4500-H ⁺ B	< 0.10	8.10	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	286	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	18	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	30.1	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	2.2	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA APHA WEF)

Pornapa Budthum
(Miss Pornnapa Budthum)

Analyst

REG. NO. 7-239-0-0018

Khemchuda Insom

(Miss Khemchuda Insom)

Technical Management Team

REG. NO. 7-239-0-0005

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 4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0786/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: *
SAMPLING DATE	: 11/05/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 12/05/2026	SAMPLING TIME	: 10:01
ANALYTICAL DATE	: 12-18/05/2026	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 18/05/2026	FILE CODE	: *
SAMPLE CONDITION	: ใส่มืดกอน		: 226015_WW_May

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD
				บ่อกักน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Dissolved Oxygen	mg/l	4500-O G	< 0.10	6.8	-
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	0.14	-
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	41.1	-
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	20	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2011 (AWWA APHA WEF)

Pornapa Budthum
(Miss Pornnapa Budthum)

Analyst

Khemchuda Insom

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Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0956/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 04/06/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 05/06/2026	SAMPLING TIME	: 10:55
ANALYTICAL DATE	: 05-17/06/2026	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 17/06/2026	FILE CODE	: 7-239-9-0010
SAMPLE CONDITION	: เขียวใสมีตะกอน		: 226015_WW_June

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD ¹⁾
				บ่อกักน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Temperature	°C	2550 B	< 0.5	35.9	≤ 40
pH		4500-H ⁺ B	< 0.10	5.51	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	264	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	16	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	29.7	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	1.1	≤ 20

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA, APHA, WEF)

Pornapa Budthum
(Miss Pornapa Budthum)

Analyst

REG. NO. 7-239-9-0018

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

REG. NO. 7-239-9-0005

- Remark : 1. Reported analysis refers to submitted sample only.
2. This report shall not be reproduced, except in full, without official approval.
3. ¹⁾ Notification of the Ministry of Industry, Regarding Industrial Effluent Standards, B.E.2560 (2017).
4. - Not available.



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพมหานคร 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: Thai Nitrate Co., Ltd.	REQUEST SERVICE No.	: 0956/69
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 04/06/2026	SAMPLING METHOD	: Grab
RECEIVED DATE	: 05/06/2026	SAMPLING TIME	: 10:55
ANALYTICAL DATE	: 05-17/06/2026	SITE OPERATOR	: Mr. Siwanon Kulwong
REPORT DATE	: 17/06/2026	FILE CODE	: 226015_WW_June
SAMPLE CONDITION	: เขียวใสมีตะกอน		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION	STANDARD
				บ่อกักน้ำ บ่อที่ 2 (Buffer Pond Compartment 2)	
Dissolved Oxygen	mg/l	4500-O G	< 0.10	8.3	-
Phosphate (PO ₄ ³⁻)	mg/l	4500-P B&E	< 0.01	0.10	-
Sulfate	mg/l	4500-SO ₄ ²⁻ E	< 1.00	89.1	-
Fecal Coliform Bacteria	MPN/100 ml	9221 E	< 1.8	2.0	-

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED. 2021 (AWWA, APHA, WEF)

Pornapa Budthum
(Miss Pornapa Budthum)

Analyst

Khemchuda Insorn

(Miss Khemchuda Insorn)

Technical Management Team

- Remark : 1. Reported analysis refers to submitted sample only.
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3. - Not available.

ผลการตรวจวัดระดับเสียงในพื้นที่ทำงาน



Noise Monitoring Result : Working Noise

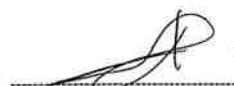
MTR-TNC

Location	: Conveyer	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 820723
Site Operator	: Miss Wiraya Patchimboon		

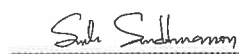
Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14, 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-053		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
09.01-09.06	79.6

- Remark : 1. Reported analysis refers to submitted sample only.
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(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

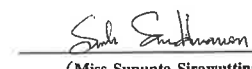
Location	: Conveyer	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 820723
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-053		

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 13, 2026
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	
09:00 - 10:00	79.6
10:00 - 11:00	79.8
11:00 - 12:00	79.8
12:00 - 13:00	79.8
13:00 - 14:00	80.2
14:00 - 15:00	81.1
15:00 - 16:00	79.8
16:00 - 17:00	80.1
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)*	80.0
Lmax **	105.3
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

- Remark : * Average time between 09:00-17:00
** Maximum Sound Pressure Level between 09:00-17:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Exhaust Dryer	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 821081
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94	Certified Date	: Oct 14, 2025
SLM Reading / Adjus dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-053		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
09.05-09.10	83.2

- Remark : 1. Reported analysis refers to submitted sample only.
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(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Exhaust Dryer	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 821081
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-053		

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 13, 2026
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	
09:00 - 10:00	83.2
10:00 - 11:00	83.3
11:00 - 12:00	83.3
12:00 - 13:00	83.3
13:00 - 14:00	83.2
14:00 - 15:00	83.2
15:00 - 16:00	83.2
16:00 - 17:00	83.1
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)*	83.2
Lmax **	98.2
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

Remark : * Average time between 09:00-17:00

** Maximum Sound Pressure Level between 09:00-17:00

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Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

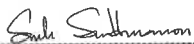
Location	: Pre Dryer	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 820724
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94	Certified Date	: Oct 14, 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-053		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
09.08-09.13	83.5

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 Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

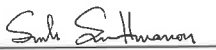
Location	: Pre Dryer	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 820724
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-053		

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 13, 2026
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	
09:00 - 10:00	83.5
10:00 - 11:00	83.5
11:00 - 12:00	83.5
12:00 - 13:00	83.6
13:00 - 14:00	83.5
14:00 - 15:00	83.7
15:00 - 16:00	83.8
16:00 - 17:00	83.8
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)*	83.6
Lmax **	98.0
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

Remark : * Average time between 09:00-17:00
 ** Maximum Sound Pressure Level between 09:00-17:00


 (Miss Katesarin Vorradetwittaya)
 Environmental Scientist


 (Miss Sununta Sirawuttinanon)
 Technical Management Team



Noise Monitoring Result : Working Noise

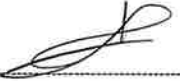
MTR-TNC

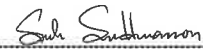
Location	: Air Fan	Monitor Period	: Mar 13, 2026
SLM Model	: Cirrus CR171B	Serial No.	: G303411
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94	Certified Date	: Oct 14, 2025
SLM Reading / Adjus dB(A)	: 93.7/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-052		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
09.08-09.13	83.5

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Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

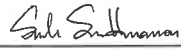
Location	: Air Fan	Monitor Period	: Mar 13, 2026
SLM Model	: Cirrus CR171B	Serial No	: G303411
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.7/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-052		

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 13, 2026
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	
09:00 - 10:00	83.4
10:00 - 11:00	83.6
11:00 - 12:00	83.6
12:00 - 13:00	83.8
13:00 - 14:00	84.0
14:00 - 15:00	83.8
15:00 - 16:00	84.0
16:00 - 17:00	83.8
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)*	83.8
Lmax **	94.3
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

- Remark : * Average time between 09:00-17:00
- ** Maximum Sound Pressure Level between 09:00-17:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Air Compressor	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 821078
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94	Certified Date	: Oct 14, 2025
SLM Reading / Adjus dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-053		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
08.38-08.43	83.9

- Remark :
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(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

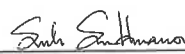
Location	: Air Compressor	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 821078
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-053		

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 13, 2026
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	83.9
09:00 - 10:00	83.5
10:00 - 11:00	83.6
11:00 - 12:00	83.6
12:00 - 13:00	83.8
13:00 - 14:00	84.1
14:00 - 15:00	84.0
15:00 - 16:00	83.9
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)*	83.8
Lmax **	94.8
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-TNC

Location	: Dryer	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 821080
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94	Certified Date	: Oct 14, 2025
SLM Reading / Adjus dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-053		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
09.11-09.16	83.3

- Remark : 1. Reported analysis refers to submitted sample only.
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(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Dryer	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 821080
Site Operator	: Miss Wiraya Patchimboon		

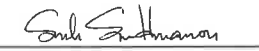
Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-053		

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 13, 2026
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	
09:00 - 10:00	83.3
10:00 - 11:00	83.3
11:00 - 12:00	83.3
12:00 - 13:00	83.4
13:00 - 14:00	83.8
14:00 - 15:00	83.9
15:00 - 16:00	83.2
16:00 - 17:00	83.1
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)*	83.4
Lmax **	101.0
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

Remark : * Average time between 09:00-17:00

** Maximum Sound Pressure Level between 09:00-17:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Air Compressor Building (Expansion)	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 821079
Site Operator	: Miss Wiraya Patchimboon		

Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94	Certified Date	: Oct 14, 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-053		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
08.25-08.30	84.6

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

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(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Air Compressor Building (Expansion)	Monitor Period	: Mar 13, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 821079
Site Operator	: Miss Wiraya Patchimboon		

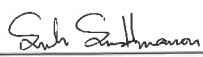
Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-053		

Time	Equivalent Sound Pressure Level (dB(A))
	Mar 13, 2026
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	84.6
09:00 - 10:00	84.4
10:00 - 11:00	84.5
11:00 - 12:00	84.4
12:00 - 13:00	84.3
13:00 - 14:00	84.2
14:00 - 15:00	84.4
15:00 - 16:00	84.5
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)*	84.4
Lmax **	97.2
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-TNC

Location	: Conveyer	Monitor Period	: Jun 17, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 821079
Site Operator	: Mr. Chakkrid Karakate		

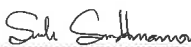
Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14, 2025
SLM Reading / Adjus dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-153		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
08.36-08.41	81.9

- Remark :
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(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Conveyer	Monitor Period	: Jun 17, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 821079
Site Operator	: Mr. Chakkrid Karakate		

Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-153		

Time	Equivalent Sound Pressure Level (dB(A))
	Jun 17, 2026
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	81.9
09:00 - 10:00	81.9
10:00 - 11:00	82.4
11:00 - 12:00	82.2
12:00 - 13:00	82.7
13:00 - 14:00	81.9
14:00 - 15:00	82.3
15:00 - 16:00	82.4
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)*	82.2
Lmax **	98.7
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-TNC

Location	: Exhaust Dryer	Monitor Period	: Jun 17, 2026
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	Certified Date	: Oct 14, 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-153		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
08.29-08.34	83.2

- Remark :
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(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Exhaust Dryer	Monitor Period	: Jun 17, 2026
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 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-153		

Time	Equivalent Sound Pressure Level (dB(A))
	Jun 17, 2026
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	83.2
09:00 - 10:00	83.2
10:00 - 11:00	83.3
11:00 - 12:00	83.3
12:00 - 13:00	83.4
13:00 - 14:00	83.4
14:00 - 15:00	83.3
15:00 - 16:00	83.5
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)*	83.3
Lmax **	92.9
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-TNC

Location	: Pre Dryer	Monitor Period	: Jun 17, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 821078
Site Operator	: Mr. Chakkrid Karakate		

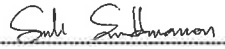
Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14, 2025
SLM Reading / Adjus dB(A)	: 94.0/-0.2	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-153		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
08.29-08.34	84.3

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Environmental Scientist


 (Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Pre Dryer	Monitor Period	: Jun 17, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 821078
Site Operator	: Mr. Chakkrid Karakate		

Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 94.0/-0.2	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-153		

Time	Equivalent Sound Pressure Level (dB(A))
	Jun 17, 2026
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	84.3
09:00 - 10:00	84.2
10:00 - 11:00	84.3
11:00 - 12:00	84.2
12:00 - 13:00	84.3
13:00 - 14:00	84.3
14:00 - 15:00	84.2
15:00 - 16:00	84.1
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)*	84.2
Lmax **	93.3
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


 (Miss Katesarin Vorradetwittaya)
 Environmental Scientist


 (Miss Sununta Sirawuttinanon)
 Technical Management Team

Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Air Fan	Monitor Period	: Jun 17, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 821080
Site Operator	: Mr. Chakkrid Karakate		

Calibrator Model	: Cirrus CR-515	Serial No.	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14, 2025
SLM Reading / Adjus dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-153		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
08.24-08.29	82.7

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

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(Miss Katesarin Vorradetwittaya)

Environmental Scientist

Gail Simmons

(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location : Air Fan	Monitor Period : Jun 17, 2026
SLM Model : SCARLET ST-21D	Serial No : 821080
Site Operator : Mr. Chakkrid Karakate	

Calibrator Model : Cirrus CR:515	Serial No : 97097
Calibration Ref dB(A) : 94.0	Certified Date : Oct 14 2025
SLM Reading / Adjust dB(A) : 93.8/0.0	Expire Date : Oct 13 2026
Cal Sheet No.: CR-515-2026-153	

Time	Equivalent Sound Pressure Level (dB(A))
	Jun 17, 2026
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	82.7
09:00 - 10:00	82.7
10:00 - 11:00	82.7
11:00 - 12:00	82.7
12:00 - 13:00	82.9
13:00 - 14:00	83.2
14:00 - 15:00	83.2
15:00 - 16:00	83.1
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)*	82.9
Lmax **	85.8
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

Sue Sullivan

(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Air Compressor	Monitor Period	: Jun 17, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 820729
Site Operator	: Mr. Chakkrid Karakate		

Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14, 2025
SLM Reading / Adjus dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-153		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
08.20-08.25	81.6

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Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Air Compressor	Monitor Period	: Jun 17, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 820729
Site Operator	: Mr. Chakkrid Karakate		

Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-153		

Time	Equivalent Sound Pressure Level (dB(A))
	Jun 17, 2026
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	81.6
09:00 - 10:00	81.3
10:00 - 11:00	81.3
11:00 - 12:00	81.7
12:00 - 13:00	81.7
13:00 - 14:00	81.6
14:00 - 15:00	81.7
15:00 - 16:00	81.9
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)*	81.6
Lmax **	89.1
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-TNC

Location	: Dryer	Monitor Period	: Jun 17, 2026
SLM Model	: SCARLET ST-21D	Serial No.	: 821081
Site Operator	: Mr. Chakkrid Karakate		

Calibrator Model	: Cirrus CR:515	Serial No.	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14, 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-153		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
08.30-08.35	83.3

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(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Dryer	Monitor Period	: Jun 17, 2026
SLM Model	: SCARLET ST-21D	Serial No	: 821081
Site Operator	: Mr. Chakkrid Karakate		

Calibrator Model	: Cirrus CR:515	Serial No	: 97097
Calibration Ref dB(A)	: 94.0	Certified Date	: Oct 14 2025
SLM Reading / Adjust dB(A)	: 93.8/0.0	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-153		

Time	Equivalent Sound Pressure Level (dB(A))
	Jun 17, 2026
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	83.3
10:00 - 11:00	83.2
11:00 - 12:00	83.4
12:00 - 13:00	83.6
13:00 - 14:00	83.5
14:00 - 15:00	83.6
15:00 - 16:00	83.8
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)*	83.5
Lmax **	104.4
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-TNC

Location	: Air Compressor Building (Expansion)	Monitor Period	: Jun 17, 2026
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 14, 2025
SLM Reading / Adjust dB(A)	: 94.0/-0.2	Expire Date	: Oct 13, 2026
Cal Sheet No.	: CR-515-2026-153		

TIME	SOUND PRESSURE LEVEL (dB)
	Leq(5)
08.22-08.27	83.8

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Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team



Noise Monitoring Result : Working Noise

MTR-TNC

Location	: Air Compressor Building (Expansion)	Monitor Period	: Jun 17, 2026
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 14 2025
SLM Reading / Adjust dB(A)	: 94.0/-0.2	Expire Date	: Oct 13 2026
Cal Sheet No.:	CR-515-2026-153		

Time	Equivalent Sound Pressure Level (dB(A))
	Jun 17, 2026
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	83.8
09:00 - 10:00	83.8
10:00 - 11:00	83.7
11:00 - 12:00	82.9
12:00 - 13:00	82.9
13:00 - 14:00	82.9
14:00 - 15:00	83.7
15:00 - 16:00	83.9
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)*	83.5
Lmax **	89.8
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

ผลการตรวจวัดและวิเคราะห์คุณภาพอากาศในพื้นที่ทำงาน



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพมหานคร 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 1048/69
For	: Thai Nitrate Co.,Ltd (TNC)	Sampling Date	: 17/06/2026
Address	: 140/7 Moo 4, IRPC Industrial Park, Ta Pong Sub-district Muang Rayong District, Rayong Province 21000	Received Date	: 19/06/2026
		Test Date	: 24/06/2026
Tel/Fax	: 038-915407-16	Report Date	: 02/07/2026

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Sorbent Adsorption
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND ppm	RESULT ppm	STANDARD ppm
Nitric Acid Plant	17/06/2026 10:15-14:15	Ammonia	NIOSH 6016/IC	< 0.010	ND	50
Ammonium Nitrate Plant	17/06/2026 09:41-13:41	Ammonia	NIOSH 6016/IC	< 0.010	4.313	50
Absorption Tower	17/06/2026 10:19-14:19	Ammonia	NIOSH 6016/IC	< 0.010	ND	50
HNO ₃ Acid Storage Tank Area	17/06/2026 10:17-14:17	Ammonia	NIOSH 6016/IC	< 0.010	ND	50
Filling Station	17/06/2026 10:14-14:14	Ammonia	NIOSH 6016/IC	< 0.010	ND	50
Prilling Tower	17/06/2026 09:44-13:44	Ammonia	NIOSH 6016/IC	< 0.010	0.258	50
Palletizing Unit	17/06/2026 09:58-13:58	Ammonia	NIOSH 6016/IC	< 0.010	0.133	50
Bagging Unit	17/06/2026 09:56-13:56	Ammonia	NIOSH 6016/IC	< 0.010	0.129	50

Analyst By : Bompa Budthum
(Miss Pornnapa Budthum)

Approved By : Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)
Technical Management Team

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

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- Notification of the Department of Labour Protection and Welfare, B.E.2560 (2017).
- ND = non-detectable.



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SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพมหานคร 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 1048/69
For	: Thai Nitrate Co.,Ltd (TNC)	Sampling Date	: 17/06/2026
Address	: 140/7 Moo 4, IRPC Industrial Park, Ta Pong Sub-district Muang Rayong District, Rayong Province 21000	Received Date	: 19/06/2026
		Test Date	: 26.29/06/2026
Tel/Fax	: 038-915407-16	Report Date	: 02/07/2026

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Filtration
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND ppm	RESULT ppm	STANDARD ppm
Nitric Acid Plant	17/06/2026 10:00-14:00	Nitric acid	NIOSH 7907 / IC	< 0.005	ND	2
Ammonium Nitrate Plant	17/06/2026 09:26-13:26	Nitric acid	NIOSH 7907 / IC	< 0.005	0.090	2
Absorption Tower	17/06/2026 10:04-14:04	Nitric acid	NIOSH 7907 / IC	< 0.005	ND	2
HNO ₃ Acid Storage Tank Area	17/06/2026 10:02-14:02	Nitric acid	NIOSH 7907 / IC	< 0.005	ND	2
Filling Station	17/06/2026 09:59-13:59	Nitric acid	NIOSH 7907 / IC	< 0.005	ND	2
Prilling Tower	17/06/2026 09:29-13:29	Nitric acid	NIOSH 7907 / IC	< 0.005	ND	2
Palletizing Unit	17/06/2026 09:43-13:43	Nitric acid	NIOSH 7907 / IC	< 0.005	ND	2
Bagging Unit	17/06/2026 09:41-13:41	Nitric acid	NIOSH 7907 / IC	< 0.005	ND	2

Analyst By : Bompa Budthum
(Miss Pornnapa Budthum)

Approved By : Narisa Poowasanpetch
(Miss Narisa Poowasanpetch)
Technical Management Team

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

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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 1048/69
For	: Thai Nitrate Co.,Ltd (TNC)	Sampling Date	: 17/06/2026
Address	: 140/7 Moo 4, IRPC Industrial Park, Ta Pong Sub-district Muang Rayong District, Rayong Province 21000	Received Date	: 19/06/2026
Tel/Fax	: 038-915407-16	Test Date	: 30/06/2026
		Report Date	: 02/07/2026

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Sorbent Adsorption
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND ppm	RESULT ppm	STANDARD ppm
Nitric Acid Plant	17/06/2026 10:00-10:15	Nitrogen dioxide	OSHA ID 182/IC	< 0.02	ND	\$
Ammonium Nitrate Plant	17/06/2026 09:26-09:41	Nitrogen dioxide	OSHA ID 182/IC	< 0.02	ND	\$
Absorption Tower	17/06/2026 09:04-10:19	Nitrogen dioxide	OSHA ID 182/IC	< 0.02	ND	\$
HNO ₃ Acid Storage Tank Area	17/06/2026 10:02-10:17	Nitrogen dioxide	OSHA ID 182/IC	< 0.02	ND	\$
Filling Station	17/06/2026 09:59-10:14	Nitrogen dioxide	OSHA ID 182/IC	< 0.02	ND	\$
Prilling Tower	17/06/2026 09:29-09:44	Nitrogen dioxide	OSHA ID 182/IC	< 0.02	ND	\$
Palletizing Unit	17/06/2026 09:43-09:58	Nitrogen dioxide	OSHA ID 182/IC	< 0.02	ND	\$
Bagging Unit	17/06/2026 09:41-09:56	Nitrogen dioxide	OSHA ID 182/IC	< 0.02	ND	\$

Analyst By :

Bongna Puthum
(Miss Pornnapa Budthum)

Approved By :

Maiana 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 Department of Labour Protection and Welfare, B.E.2560 (2017).
4. ND = non-detectable.



บริษัท ซีคอต จำกัด SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพมหานคร 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

ANALYSIS/TEST REPORT

Customer	: EED/SECOT Co., Ltd.	Request Service No.	: 1048/69
For	: Thai Nitrate Co.,Ltd (TNC)	Sampling Date	: 17/06/2026
Address	: 140/7 Moo 4, IRPC Industrial Park, Ta Pong Sub-district Muang Rayong District, Rayong Province 21000	Received Date	: 19/06/2026
Tel/Fax	: 038-915407-16	Test Date	: 22/06/2026
		Report Date	: 02/07/2026

SAMPLE DESCRIPTION / SAMPLING INFORMATION

Sample Designated As	: Workplace Air	Sampling Method	: Filtration
Sampling By	: SECOT Co., Ltd.	Sample Condition	: Normal

Sampling Location	Sampling Date/Time	Compound	Analytical Method	ND mg/m ³	RESULT mg/m ³	STANDARD mg/m ³
Nitric Acid Plant	17/06/2026 10:00-12:00	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	\$
Ammonium Nitrate Plant	17/06/2026 09:26-11:26	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	\$
Absorption Tower	17/06/2026 10:04-12:04	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	\$
HNO ₃ Acid Storage Tank Area	17/06/2026 10:02-12:02	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	\$
Filling Station	17/06/2026 09:59-11:59	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	\$
Prilling Tower	17/06/2026 09:29-11:29	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	\$
Palletizing Unit	17/06/2026 09:43-11:43	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	\$
Bagging Unit	17/06/2026 09:41-11:41	Respirable dust	NIOSH 0600 /Microbalance	< 0.25	ND	\$

Analyst By :

Bongna Puthum
(Miss Pornnapa Budthum)

Approved By :

Maiana Poowasanpetch
(Miss Narisa Poowasanpetch)
Technical Management Team

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

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3. Occupational Safety and Health Administration (OSHA)
4. ND = non-detectable.