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ภาคผนวก ข

ใบรับรองผลการตรวจวิเคราะห์

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ภาคผนวก ข-1

ใบรับรองผลการตรวจวิเคราะห์

คุณภาพอากาศจากปล่องระบาย

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Report No. : 2022-5004045-2 / 002-2 (Page 1 of 1)

Issued date : June 8, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

CONTACT : [REDACTED]

ADDRESS : 919 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Emission Air Quality  
SAMPLING LOCATION : HRS 2 Stack (CTG#2), [REDACTED] Ayuthaya Province

SAMPLING DATE : May 26, 2022  
SAMPLING TIME : 12:20-13:26 hrs.

SAMPLING BY : [REDACTED]  
LABORATORY NAME : SGS (Thailand) Limited (7-197)

Parameter	Unit	Value	Standard <sup>a</sup>	Standard <sup>b</sup>	Analytical Method
Stack Diameter	m	3.1	-	-	-
Stack Height	m	30.0	-	-	-
Stack Temperature	°C	145.0	-	-	-
Absolute Stack Pressure	mm.Hg	756.3	-	-	-
Air Velocity	m/s	14.62	-	-	U.S. EPA Method 2
Volumetric Flow Rate	Nm <sup>3</sup> /hr	252.831	-	-	U.S. EPA Method 2
Moisture	%	10.22	-	-	U.S. EPA Method 4
O <sub>2</sub>	%	15.28	-	-	U.S. EPA Method 3A
CO <sub>2</sub>	%	3.41	-	-	-
actual O <sub>2</sub>	mg/Nm <sup>3</sup>	1.01	-	-	-
7% O <sub>2</sub>	mg/Nm <sup>3</sup>	2.51	10	60	U.S. EPA Method 5
Emission rate	g/sec	0.071	0.91	-	-
actual O <sub>2</sub>	ppm	N.D.	-	-	-
7% O <sub>2</sub>	ppm	N.D.	0.57	20	U.S. EPA Method 6C
Emission rate	g/sec	N.D.	0.05	-	-
actual O <sub>2</sub>	ppm	14.19	-	-	-
7% O <sub>2</sub>	ppm	35.84	60	120	U.S. EPA Method 7E
Emission rate	g/sec	1.915	5.48	-	-
actual O <sub>2</sub>	ppm	7.61	-	-	-
7% O <sub>2</sub>	ppm	18.82	-	-	-
Emission rate	g/sec	0.612	-	-	U.S. EPA Method 10

Remarks : N = Normal condition means reference condition at temperature of 25 °C, pressure of 1 atm or 760 mm.Hg, dry basis.

Sources : N.D. = Not Detected, detection limit at actual O<sub>2</sub> of SO<sub>2</sub> < 0.01 ppm (x0.002 g/sec).  
Emission standard of Rojana Power Plant, according to approved EIA of Rojana Power Plant as approval letter No. For Sor 1009/74023 dated May 24 B.E. 2551 (2011).  
Emission standard for new power plant using gas as fuel, Notification of the Ministry of Industry, B.E. 2547 (2004).  
Emission standard for industry, Notification of the Ministry of Industry, B.E. 2549 (2006).

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Report No. : 2022-5004045-2 / 002-1 (Page 1 of 1)

Issued date : June 8, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

CONTACT : [REDACTED]

ADDRESS : 919 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Emission Air Quality  
SAMPLING LOCATION : HRS 1 Stack (CTG#1), [REDACTED] Ayuthaya Province

SAMPLING DATE : May 26, 2022  
SAMPLING TIME : 10:00-11:33 hrs.

SAMPLING BY : [REDACTED]  
LABORATORY NAME : SGS (Thailand) Limited (7-197)

Parameter	Unit	Value	Standard <sup>a</sup>	Standard <sup>b</sup>	Analytical Method
Stack Diameter	m	3.1	-	-	-
Stack Height	m	30.0	-	-	-
Stack Temperature	°C	142.4	-	-	-
Absolute Stack Pressure	mm.Hg	756.2	-	-	-
Air Velocity	m/s	12.26	-	-	U.S. EPA Method 2
Volumetric Flow Rate	Nm <sup>3</sup> /hr	212.152	-	-	U.S. EPA Method 2
Moisture	%	10.74	-	-	U.S. EPA Method 4
O <sub>2</sub>	%	15.02	-	-	U.S. EPA Method 3A
CO <sub>2</sub>	%	3.55	-	-	-
actual O <sub>2</sub>	mg/Nm <sup>3</sup>	0.90	-	-	-
7% O <sub>2</sub>	mg/Nm <sup>3</sup>	2.12	10	60	U.S. EPA Method 5
Emission rate	g/sec	0.053	0.91	-	-
actual O <sub>2</sub>	ppm	N.D.	-	-	-
7% O <sub>2</sub>	ppm	N.D.	0.57	20	U.S. EPA Method 6C
Emission rate	g/sec	N.D.	0.05	-	-
actual O <sub>2</sub>	ppm	22.54	-	-	-
7% O <sub>2</sub>	ppm	53.29	60	120	U.S. EPA Method 7E
Emission rate	g/sec	2.499	5.48	-	-
actual O <sub>2</sub>	ppm	61.07	-	-	-
7% O <sub>2</sub>	ppm	144.42	-	-	-
Emission rate	g/sec	4.123	-	-	U.S. EPA Method 10

Remarks : N = Normal condition means reference condition at temperature of 25 °C, pressure of 1 atm or 760 mm.Hg, dry basis.

Sources : N.D. = Not Detected, detection limit at actual O<sub>2</sub> of SO<sub>2</sub> < 0.01 ppm (x0.002 g/sec).  
Emission standard of Rojana Power Plant, according to approved EIA of Rojana Power Plant as approval letter No. For Sor 1009/74023 dated May 24 B.E. 2551 (2011).  
Emission standard for new power plant using gas as fuel, Notification of the Ministry of Industry, B.E. 2547 (2004).  
Emission standard for industry, Notification of the Ministry of Industry, B.E. 2549 (2006).

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ภาคผนวก ข-2

ใบรับรองผลการตรวจวิเคราะห์  
คุณภาพอากาศในบรรยากาศโดยทั่วไป

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Report No. : 2022-5004045-2 / 003-1 (Page 2 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER PLANT LIMITED (ROJANA POWER PLANT 2)

CONTACT : [REDACTED]

ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality

SAMPLING DATE : May 26-June 2, 2022

SAMPLING LOCATION : วัดโพธิ์แก้ว

SAMPLING BY : [REDACTED]

LABORATORY NAME : SGS (Thailand) Limited

Sampling Date	Parameter
May 26-27, 2022	Ozone (O <sub>3</sub> ) (1 hr) (ppm)
May 27-28, 2022	0.017
May 28-29, 2022	0.016
May 29-30, 2022	0.018
May 30-31, 2022	0.027
May 31-June 1, 2022	0.023
June 1-2, 2022	0.027
Standard*	0.028
Standard*	SO <sub>10</sub>

Source : \* Notification of the National Environment Board No. 28, B.E. 2550 (2007)



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Report No. : 2022-5004045-2 / 003-1 (Page 1 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER PLANT LIMITED (ROJANA POWER PLANT 2)

CONTACT : [REDACTED]

ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality

SAMPLING DATE : May 26-June 2, 2022

SAMPLING LOCATION : วัดโพธิ์แก้ว

SAMPLING BY : [REDACTED]

LABORATORY NAME : SGS (Thailand) Limited

Sampling Date	Parameter
May 26-27, 2022	TSP (mg/m <sup>3</sup> )
May 27-28, 2022	0.050
May 28-29, 2022	0.052
May 29-30, 2022	0.059
May 30-31, 2022	0.055
May 31-June 1, 2022	0.056
June 1-2, 2022	0.052
Standard*	0.059
Standard*	SO <sub>33</sub>
Standard*	PM <sub>10</sub> (mg/m <sup>3</sup> )
Standard*	0.026
Standard*	0.027
Standard*	0.034
Standard*	0.032
Standard*	0.023
Standard*	0.025
Standard*	0.032
Standard*	SO <sub>12</sub>

Source : \* Notification of the National Environment Board No. 24, B.E. 2547 (2004)



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Report No. : 2022-5004045-2 / 003-1 (Page 4 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT : [REDACTED]  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : กรุงเทพมหานคร  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING BY : [REDACTED]

Time	SO <sub>2</sub> Concentration (ppm)							Jun 1-2, 2022
	May 26-27, 2022	May 27-28, 2022	May 28-29, 2022	May 29-30, 2022	May 30-31, 2022	May 31-Jun 1, 2022		
08:00-09:00	0.002	0.002	0.002	0.004	0.001	0.002	0.002	0.002
09:00-10:00	0.002	0.001	0.003	0.002	0.003	0.002	0.002	0.002
10:00-11:00	0.003	0.002	0.003	0.003	0.003	0.001	0.001	0.002
11:00-12:00	0.002	0.001	0.003	0.001	0.001	0.002	0.001	0.001
12:00-13:00	0.001	0.002	0.001	0.003	0.003	0.002	0.002	0.002
13:00-14:00	0.002	0.001	0.003	0.002	0.001	0.002	0.002	0.002
14:00-15:00	0.001	0.002	0.001	0.002	0.001	0.002	0.002	0.002
15:00-16:00	0.001	0.002	0.001	0.002	0.002	0.001	0.001	0.001
16:00-17:00	0.002	0.001	0.001	0.001	0.002	0.001	0.001	0.001
17:00-18:00	0.002	0.003	0.002	0.001	0.002	0.001	0.001	0.001
18:00-19:00	0.001	0.001	0.002	0.003	0.001	0.002	0.001	0.001
19:00-20:00	0.002	0.002	0.004	0.001	0.001	0.002	0.002	0.002
20:00-21:00	0.003	0.002	0.001	0.003	0.001	0.001	0.001	0.002
21:00-22:00	0.001	0.002	0.001	0.002	0.002	0.002	0.002	0.002
22:00-23:00	0.001	0.002	0.003	0.001	0.001	0.002	0.001	0.001
23:00-00:00	0.001	0.001	0.002	0.004	0.002	0.001	0.002	0.002
00:00-01:00	0.003	0.002	0.003	0.003	0.001	0.002	0.002	0.002
01:00-02:00	0.001	0.001	0.002	0.003	0.002	0.002	0.002	0.002
02:00-03:00	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.002
03:00-04:00	0.001	0.002	0.004	0.002	0.001	0.001	0.001	0.001
04:00-05:00	0.004	0.004	0.004	0.002	0.001	0.001	0.001	0.002
05:00-06:00	0.003	0.004	0.003	0.002	0.001	0.001	0.001	0.002
06:00-07:00	0.001	0.003	0.003	0.002	0.001	0.002	0.002	0.002
07:00-08:00	0.001	0.003	0.002	0.002	0.001	0.001	0.001	0.001
1 hr-Minimum	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1 hr-Maximum	0.004	0.004	0.004	0.004	0.003	0.002	0.002	0.002
Average 24 hr	0.002	0.002	0.003	0.002	0.002	0.002	0.002	0.002
Standard* (avg. 1 hr)	50.12							0.002
Standard* (avg. 24 hr)	50.12							0.002

Source : \* Notification of the National Environment Board No. 21, B.E. 2544 (2001).

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



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Report No. : 2022-5004045-2 / 003-1 (Page 3 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT : [REDACTED]  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : กรุงเทพมหานคร  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING BY : [REDACTED]

Time	NO <sub>x</sub> Concentration (ppm)							Jun 1-2, 2022
	May 26-27, 2022	May 27-28, 2022	May 28-29, 2022	May 29-30, 2022	May 30-31, 2022	May 31-Jun 1, 2022		
08:00-09:00	0.011	0.006	0.007	0.007	0.008	0.007	0.006	0.006
09:00-10:00	0.008	0.006	0.007	0.006	0.007	0.010	0.009	0.009
10:00-11:00	0.005	0.006	0.007	0.007	0.010	0.008	0.008	0.008
11:00-12:00	0.005	0.015	0.012	0.006	0.011	0.012	0.011	0.011
12:00-13:00	0.005	0.008	0.010	0.006	0.012	0.010	0.013	0.013
13:00-14:00	0.007	0.005	0.010	0.007	0.017	0.008	0.014	0.014
14:00-15:00	0.007	0.007	0.015	0.006	0.014	0.008	0.016	0.016
15:00-16:00	0.008	0.010	0.013	0.008	0.012	0.012	0.018	0.018
16:00-17:00	0.009	0.009	0.019	0.015	0.013	0.009	0.018	0.018
17:00-18:00	0.008	0.008	0.011	0.020	0.013	0.008	0.015	0.015
18:00-19:00	0.006	0.010	0.015	0.009	0.007	0.006	0.014	0.014
19:00-20:00	0.004	0.013	0.019	0.016	0.006	0.007	0.010	0.010
20:00-21:00	0.005	0.012	0.015	0.013	0.008	0.006	0.008	0.008
21:00-22:00	0.006	0.011	0.012	0.005	0.008	0.006	0.007	0.007
22:00-23:00	0.005	0.010	0.010	0.006	0.007	0.006	0.006	0.006
23:00-00:00	0.006	0.011	0.009	0.007	0.007	0.006	0.006	0.006
00:00-01:00	0.005	0.010	0.008	0.013	0.007	0.007	0.007	0.007
01:00-02:00	0.005	0.011	0.009	0.016	0.011	0.007	0.007	0.007
02:00-03:00	0.007	0.011	0.010	0.014	0.008	0.008	0.007	0.007
03:00-04:00	0.007	0.008	0.007	0.010	0.008	0.007	0.007	0.007
04:00-05:00	0.010	0.006	0.007	0.008	0.006	0.008	0.006	0.006
05:00-06:00	0.010	0.009	0.007	0.007	0.006	0.010	0.009	0.009
06:00-07:00	0.008	0.009	0.006	0.006	0.006	0.006	0.009	0.007
07:00-08:00	0.008	0.005	0.006	0.008	0.006	0.009	0.009	0.009
1 hr-Minimum	0.004	0.005	0.006	0.005	0.006	0.006	0.006	0.006
1 hr-Maximum	0.011	0.015	0.019	0.020	0.017	0.012	0.018	0.018
Standard* (avg. 1 hr)	50.17							0.012

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



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Report No. : 2022-5004045-2 / 003-2 (Page 2 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

CONTACT : [REDACTED]

ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality SAMPLING DATE : May 26-June 2, 2022

SAMPLING LOCATION : อ.ป.ท. บ้านฉาง SAMPLING BY : [REDACTED]

LABORATORY NAME : SGS (Thailand) Limited

Sampling Date	Parameter
May 26-27, 2022	Ozone (O <sub>3</sub> ) (1 hr) (ppm)
May 27-28, 2022	0.016
May 28-29, 2022	0.015
May 29-30, 2022	0.017
May 30-31, 2022	0.017
May 31-June 1, 2022	0.016
June 1-2, 2022	0.017
Standard*	0.016

Source : \* Notification of the National Environment Board No. 28, B.E. 2550 (2007)



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Report No. : 2022-5004045-2 / 003-2 (Page 1 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

CONTACT : [REDACTED]

ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality SAMPLING DATE : May 26-June 2, 2022

SAMPLING LOCATION : อ.ป.ท. บ้านฉาง SAMPLING BY : [REDACTED]

LABORATORY NAME : SGS (Thailand) Limited

Sampling Date	Parameter
May 26-27, 2022	TSP (mg/m <sup>3</sup> )
May 27-28, 2022	0.059
May 28-29, 2022	0.050
May 29-30, 2022	0.057
May 30-31, 2022	0.056
May 31-June 1, 2022	0.067
June 1-2, 2022	0.052
Standard*	0.059
PM-10 (mg/m <sup>3</sup> )	0.030
	0.029
	0.036
	0.031
	0.035
	0.031
	0.038

Source : \* Notification of the National Environment Board No. 24, B.E. 2547 (2004)



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Report No. : 2022-5004045-2 / 003-2 (Page 4 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT : K [REDACTED]  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : 81UP, บ้านน้ำร้อน  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING BY : [REDACTED]

Time	SO <sub>2</sub> Concentration (ppm)										Jun 1-2, 2022
	May 26-27, 2022	May 27-28, 2022	May 28-29, 2022	May 29-30, 2022	May 30-31, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	
08:00-09:00	0.003	0.003	0.001	0.001	0.003	0.003	0.003	0.003	0.003	0.003	0.003
09:00-10:00	0.004	0.002	0.001	0.003	0.004	0.005	0.005	0.005	0.005	0.005	0.002
10:00-11:00	0.004	0.003	0.002	0.002	0.003	0.004	0.004	0.004	0.004	0.004	0.003
11:00-12:00	0.003	0.002	0.001	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.001
12:00-13:00	0.003	0.001	0.003	0.002	0.004	0.003	0.003	0.003	0.003	0.003	0.001
13:00-14:00	0.003	0.003	0.002	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003
14:00-15:00	0.002	0.002	0.003	0.001	0.004	0.003	0.003	0.003	0.003	0.003	0.003
15:00-16:00	0.003	0.001	0.001	0.003	0.001	0.002	0.002	0.002	0.002	0.002	0.001
16:00-17:00	0.002	0.002	0.001	0.001	0.005	0.003	0.003	0.003	0.003	0.003	0.001
17:00-18:00	0.001	0.003	0.001	0.005	0.003	0.001	0.001	0.001	0.001	0.001	0.003
18:00-19:00	0.003	0.001	0.001	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.003
19:00-20:00	0.002	0.001	0.001	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.002
20:00-21:00	0.001	0.003	0.003	0.003	0.001	0.002	0.002	0.002	0.002	0.002	0.002
21:00-22:00	0.003	0.002	0.003	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001
22:00-23:00	0.001	0.002	0.001	0.004	0.002	0.003	0.003	0.003	0.003	0.003	0.001
23:00-00:00	0.002	0.001	0.001	0.003	0.004	0.002	0.002	0.002	0.002	0.002	0.002
00:00-01:00	0.001	0.001	0.003	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.001
01:00-02:00	0.001	0.002	0.001	0.004	0.001	0.002	0.002	0.002	0.002	0.002	0.002
02:00-03:00	0.002	0.002	0.003	0.004	0.002	0.003	0.003	0.003	0.003	0.003	0.001
03:00-04:00	0.003	0.001	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.002
04:00-05:00	0.002	0.001	0.001	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.003
05:00-06:00	0.002	0.001	0.002	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.002
06:00-07:00	0.002	0.001	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001
07:00-08:00	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1 hr-Minimum	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1 hr-Maximum	0.004	0.003	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.003
Average 24 hr	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002
Standard* (avg. 1 hr)	50.12										0.002
Standard** (avg. 24 hr)	50.12										0.002

Sources : \* Notification of the National Environment Board No. 21, B.E. 2544 (2001).  
\*\* Notification of the National Environment Board No. 24, B.E. 2547

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Report No. : 2022-5004045-2 / 003-2 (Page 3 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT : K [REDACTED]  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : 81UP, บ้านน้ำร้อน  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING BY : [REDACTED]

Time	NO <sub>2</sub> Concentration (ppm)										Jun 1-2, 2022
	May 26-27, 2022	May 27-28, 2022	May 28-29, 2022	May 29-30, 2022	May 30-31, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	
08:00-09:00	0.010	0.007	0.007	0.007	0.009	0.015	0.015	0.015	0.015	0.015	0.007
09:00-10:00	0.011	0.007	0.006	0.005	0.006	0.016	0.016	0.016	0.016	0.016	0.009
10:00-11:00	0.015	0.005	0.004	0.004	0.010	0.005	0.005	0.005	0.005	0.005	0.018
11:00-12:00	0.005	0.004	0.003	0.007	0.006	0.004	0.004	0.004	0.004	0.004	0.009
12:00-13:00	0.004	0.002	0.003	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.007
13:00-14:00	0.007	0.003	0.005	0.003	0.005	0.006	0.006	0.006	0.006	0.006	0.006
14:00-15:00	0.003	0.003	0.004	0.006	0.004	0.003	0.003	0.003	0.003	0.003	0.005
15:00-16:00	0.004	0.007	0.007	0.004	0.005	0.003	0.003	0.003	0.003	0.003	0.009
16:00-17:00	0.004	0.006	0.004	0.004	0.006	0.004	0.004	0.004	0.004	0.004	0.004
17:00-18:00	0.008	0.005	0.004	0.004	0.015	0.005	0.005	0.005	0.005	0.005	0.006
18:00-19:00	0.004	0.005	0.004	0.004	0.007	0.008	0.008	0.008	0.008	0.008	0.007
19:00-20:00	0.004	0.006	0.006	0.006	0.010	0.006	0.006	0.006	0.006	0.006	0.009
20:00-21:00	0.006	0.009	0.008	0.007	0.012	0.006	0.006	0.006	0.006	0.006	0.013
21:00-22:00	0.006	0.007	0.011	0.010	0.014	0.014	0.014	0.014	0.014	0.014	0.016
22:00-23:00	0.008	0.005	0.010	0.006	0.011	0.009	0.009	0.009	0.009	0.009	0.018
23:00-00:00	0.005	0.005	0.010	0.007	0.013	0.008	0.008	0.008	0.008	0.008	0.019
00:00-01:00	0.005	0.006	0.009	0.006	0.011	0.008	0.008	0.008	0.008	0.008	0.015
01:00-02:00	0.004	0.004	0.013	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.014
02:00-03:00	0.004	0.007	0.016	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.011
03:00-04:00	0.005	0.007	0.011	0.005	0.007	0.009	0.009	0.009	0.009	0.009	0.007
04:00-05:00	0.004	0.007	0.010	0.005	0.005	0.009	0.009	0.009	0.009	0.009	0.007
05:00-06:00	0.004	0.008	0.008	0.005	0.006	0.005	0.005	0.005	0.005	0.005	0.010
06:00-07:00	0.007	0.008	0.007	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.006
07:00-08:00	0.005	0.007	0.007	0.008	0.007	0.006	0.006	0.006	0.006	0.006	0.006
1 hr-Minimum	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004
1 hr-Maximum	0.015	0.009	0.016	0.010	0.015	0.016	0.016	0.016	0.016	0.016	0.019
Standard* (avg. 1 hr)	50.17										0.019

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

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Report No. : 2022-5004045-2 / 003-3 (Page 2 of 4) Issued date : June 23, 2022

CLIENT : [REDACTED]  
CONTACT : [REDACTED] LIMITED (ROJANA POWER PLANT 2)  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kantham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : วัดท่าโพธิ์ใหม่ธรรม  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING BY : [REDACTED]

Sampling Date	Parameter
May 26-27, 2022	Ozone (O <sub>3</sub> ) (1 hr) (ppm)
May 27-28, 2022	0.033
May 28-29, 2022	0.035
May 29-30, 2022	0.042
May 30-31, 2022	0.034
May 31-June 1, 2022	0.026
June 1-2, 2022	0.030
Standard*	0.023
Standard*	≤0.10

Source : \* Notification of the National Environment Board No. 28, B.E. 2550 (2007)



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Report No. : 2022-5004045-2 / 003-3 (Page 1 of 4) Issued date : June 23, 2022

CLIENT : [REDACTED]  
CONTACT : [REDACTED] LIMITED (ROJANA POWER PLANT 2)  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kantham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : วัดท่าโพธิ์ใหม่ธรรม  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING BY : [REDACTED]

Sampling Date	Parameter
May 26-27, 2022	TSP (mg/m <sup>3</sup> )
May 27-28, 2022	0.072
May 28-29, 2022	0.064
May 29-30, 2022	0.063
May 30-31, 2022	0.063
May 31-June 1, 2022	0.059
June 1-2, 2022	0.055
Standard*	0.067
Standard*	≤0.33
Standard*	≤0.12

Source : \* Notification of the National Environment Board No. 24, B.E. 2547 (2004)



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Report No. : 2022-5004045-2 / 003-3 (Page 3 of 4)

CLIENT	: ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT	: K [REDACTED]
ADDRESS	: 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kaniham, Amphur U-Thai, Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS	: Ambient Air Quality
SAMPLING LOCATION	: 9600 N. 2nd St., Scottsdale, AZ 85258
SAMPLING DATE	: May 26 - June 2, 2022
SAMPLING BY	:

SAMPLING LOCATION	LABORATORY NAME
1. JMWATTHANABHARU	SGS (Thailand) Limited
2. SAMKHING B	

LABORATORY NAME	Time	NO <sub>x</sub> Concentration (ppm)						
		May 26-27, 2022	May 27-28, 2022	May 28-29, 2022	May 29-30, 2022	May 30-31, 2022	May 31-Jun 1, 2022	Jun 1-2, 2022
JSS (Trenton) Limited	08:00-09:00	0.007	0.006	0.008	0.006	0.004	0.006	0.002
	09:00-10:00	0.007	0.008	0.005	0.006	0.004	0.006	0.006
	10:00-11:00	0.006	0.006	0.005	0.004	0.004	0.005	0.003
	11:00-12:00	0.009	0.008	0.003	0.004	0.006	0.006	0.004
	12:00-13:00	0.008	0.007	0.005	0.004	0.007	0.007	0.005
	13:00-14:00	0.005	0.006	0.007	0.003	0.007	0.007	0.004
	14:00-15:00	0.006	0.007	0.003	0.005	0.005	0.006	0.006
	15:00-16:00	0.009	0.008	0.007	0.004	0.006	0.006	0.006
	16:00-17:00	0.008	0.006	0.007	0.006	0.005	0.007	0.006
	17:00-18:00	0.008	0.009	0.003	0.004	0.007	0.007	0.001
	18:00-19:00	0.004	0.008	0.008	0.007	0.006	0.007	0.003
	19:00-20:00	0.008	0.004	0.004	0.006	0.005	0.006	0.004
	20:00-21:00	0.006	0.005	0.007	0.004	0.007	0.006	0.002
	21:00-22:00	0.006	0.010	0.006	0.003	0.005	0.005	0.002
	22:00-23:00	0.005	0.007	0.005	0.006	0.007	0.007	0.004
	23:00-00:00	0.006	0.008	0.006	0.004	0.005	0.006	0.006
	00:00-01:00	0.008	0.007	0.005	0.007	0.007	0.007	0.004
	01:00-02:00	0.005	0.008	0.006	0.003	0.006	0.005	0.003
	02:00-03:00	0.004	0.004	0.005	0.005	0.005	0.004	0.006
	03:00-04:00	0.005	0.005	0.007	0.002	0.005	0.005	0.003
04:00-05:00	0.006	0.010	0.004	0.006	0.006	0.006	0.005	
05:00-06:00	0.008	0.005	0.003	0.007	0.006	0.006	0.006	
06:00-07:00	0.008	0.008	0.005	0.003	0.005	0.002	0.004	
07:00-08:00	0.008	0.010	0.005	0.002	0.006	0.003	0.003	
1 hr-Minimum		0.004	0.004	0.003	0.002	0.004	0.002	0.001
1 hr-Maximum		0.009	0.010	0.008	0.008	0.007	0.007	0.006
Standard* (avo. 1 hr)								\$0.17

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



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Report No. : 2022-5004045-2 / 003-4 (Page 2 of 4) Issued date : June 23, 2022

CLIENT : [REDACTED]  
CONTACT : [REDACTED]  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : วัดบ้านกล้วย  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING BY : [REDACTED]

Sampling Date	Parameter
May 26-27, 2022	Ozone (O <sub>3</sub> ) (1 hr) (ppm)
May 27-28, 2022	0.015
May 28-29, 2022	0.015
May 29-30, 2022	0.017
May 30-31, 2022	0.017
May 31-June 1, 2022	0.016
June 1-2, 2022	0.017
Standard*	0.016

Source : \* Notification of the National Environment Board No. 28, B.E. 2550 (2007)

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Report No. : 2022-5004045-2 / 003-4 (Page 1 of 4) Issued date : June 23, 2022

CLIENT : [REDACTED]  
CONTACT : [REDACTED]  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : วัดบ้านกล้วย  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING : [REDACTED]

Sampling Date	Parameter
May 26-27, 2022	TSP (mg/m <sup>3</sup> )
May 27-28, 2022	0.052
May 28-29, 2022	0.048
May 29-30, 2022	0.057
May 30-31, 2022	0.064
May 31-June 1, 2022	0.057
June 1-2, 2022	0.054
Standard*	0.062

Source : \* Notification of the National Environment Board No. 24, B.E. 2547 (2004)

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Report No. : 2022-5004045-2 / 003-4 (Page 4 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT : K [REDACTED]  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : วัดบ้านช้าง  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING BY : [REDACTED]

Time	SO <sub>2</sub> Concentration (ppm)										Jun 1-2, 2022
	May 26-27, 2022	May 27-28, 2022	May 28-29, 2022	May 29-30, 2022	May 30-31, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	
08:00-09:00	0.002	0.002	0.002	0.003	0.003	0.001	0.001	0.001	0.001	0.001	0.002
09:00-10:00	0.004	0.001	0.003	0.006	0.001	0.003	0.003	0.003	0.003	0.003	0.002
10:00-11:00	0.001	0.002	0.005	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002
11:00-12:00	0.003	0.003	0.004	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.001
12:00-13:00	0.003	0.003	0.004	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.002
13:00-14:00	0.003	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.002
14:00-15:00	0.002	0.002	0.002	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.002
15:00-16:00	0.003	0.004	0.004	0.005	0.002	0.001	0.001	0.001	0.001	0.001	0.002
16:00-17:00	0.003	0.001	0.004	0.002	0.001	0.002	0.002	0.002	0.002	0.002	0.002
17:00-18:00	0.001	0.002	0.005	0.005	0.002	0.001	0.001	0.001	0.001	0.001	0.002
18:00-19:00	0.001	0.003	0.005	0.004	0.003	0.001	0.001	0.001	0.001	0.001	0.001
19:00-20:00	0.003	0.001	0.002	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.002
20:00-21:00	0.001	0.001	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.002
21:00-22:00	0.001	0.001	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
22:00-23:00	0.001	0.003	0.002	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.002
23:00-00:00	0.002	0.001	0.005	0.004	0.002	0.002	0.002	0.001	0.001	0.001	0.002
00:00-01:00	0.002	0.001	0.001	0.004	0.003	0.003	0.002	0.002	0.002	0.002	0.002
01:00-02:00	0.003	0.002	0.005	0.002	0.003	0.001	0.001	0.001	0.001	0.001	0.002
02:00-03:00	0.003	0.003	0.003	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.002
03:00-04:00	0.003	0.001	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.001	0.001
04:00-05:00	0.002	0.003	0.005	0.005	0.002	0.002	0.002	0.002	0.002	0.002	0.002
05:00-06:00	0.003	0.001	0.005	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.001
06:00-07:00	0.003	0.001	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.001	0.001
07:00-08:00	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1 hr-Minimum	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1 hr-Maximum	0.004	0.003	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.002	0.002
Average 24 hr	0.002	0.002	0.004	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Standard* (avg. 1 hr)	50.30										0.002
Standard* (avg. 24 hr)	50.12										0.002

Sources : \* Notification of the National Environment Board No. 21, B.E. 2544 (2001)  
\*\* Notification of the National Environment Board No. 24, B.E. 2547



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Report No. : 2022-5004045-2 / 003-4 (Page 3 of 4) Issued date : June 23, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT : K [REDACTED]  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

SAMPLE DESIGNATED AS : Ambient Air Quality  
SAMPLING LOCATION : วัดบ้านช้าง  
LABORATORY NAME : SGS (Thailand) Limited  
SAMPLING DATE : May 26-June 2, 2022  
SAMPLING BY : [REDACTED]

Time	NO <sub>x</sub> Concentration (ppm)										Jun 1-2, 2022
	May 26-27, 2022	May 27-28, 2022	May 28-29, 2022	May 29-30, 2022	May 30-31, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	May 31-Jun 1, 2022	
08:00-09:00	0.004	0.007	0.003	0.008	0.012	0.008	0.008	0.006	0.006	0.006	0.007
09:00-10:00	0.005	0.006	0.002	0.005	0.009	0.006	0.006	0.006	0.006	0.006	0.007
10:00-11:00	0.004	0.005	0.004	0.002	0.006	0.005	0.005	0.005	0.005	0.005	0.009
11:00-12:00	0.003	0.004	0.002	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.008
12:00-13:00	0.004	0.003	0.004	0.005	0.003	0.005	0.005	0.005	0.005	0.005	0.008
13:00-14:00	0.005	0.004	0.004	0.004	0.008	0.008	0.008	0.008	0.008	0.008	0.007
14:00-15:00	0.004	0.003	0.006	0.003	0.004	0.005	0.005	0.005	0.005	0.005	0.007
15:00-16:00	0.007	0.005	0.003	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.006
16:00-17:00	0.005	0.006	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
17:00-18:00	0.004	0.005	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.008
18:00-19:00	0.006	0.005	0.004	0.006	0.006	0.006	0.006	0.010	0.010	0.010	0.011
19:00-20:00	0.002	0.007	0.007	0.006	0.009	0.007	0.007	0.006	0.006	0.006	0.014
20:00-21:00	0.008	0.008	0.010	0.004	0.012	0.004	0.004	0.013	0.008	0.008	0.017
21:00-22:00	0.006	0.006	0.006	0.012	0.005	0.013	0.005	0.012	0.010	0.010	0.018
22:00-23:00	0.007	0.007	0.010	0.005	0.005	0.013	0.005	0.009	0.009	0.008	0.008
23:00-00:00	0.005	0.006	0.007	0.007	0.007	0.011	0.011	0.010	0.010	0.006	0.006
00:00-01:00	0.006	0.006	0.005	0.008	0.008	0.008	0.008	0.007	0.007	0.003	0.003
01:00-02:00	0.005	0.008	0.016	0.006	0.006	0.006	0.006	0.006	0.007	0.004	0.004
02:00-03:00	0.004	0.010	0.012	0.005	0.009	0.009	0.009	0.009	0.004	0.006	0.006
03:00-04:00	0.004	0.010	0.010	0.006	0.006	0.007	0.007	0.007	0.007	0.006	0.006
04:00-05:00	0.004	0.010	0.004	0.004	0.006	0.006	0.006	0.006	0.009	0.007	0.007
05:00-06:00	0.007	0.009	0.004	0.004	0.006	0.006	0.006	0.006	0.006	0.006	0.006
06:00-07:00	0.005	0.007	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006
07:00-08:00	0.006	0.004	0.007	0.009	0.007	0.009	0.009	0.007	0.005	0.005	0.007
1 hr-Minimum	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.004	0.003	0.003
1 hr-Maximum	0.008	0.010	0.016	0.009	0.013	0.010	0.010	0.010	0.010	0.018	0.018
Standard* (avg. 1 hr)	50.17										0.018

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



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**Report No. :** 2022-5004045-2 / 004-1 (Page 2 of 3) **Issued date :** June 23, 2022  
**CLIENT :** ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
**CONTACT :** [REDACTED]  
**ADDRESS :** 9/19 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS :** Wind speed and Direction **MEASUREMENT DATE :** May 26-June 2, 2022  
**MEASUREMENT LOCATION :** วัดโคกเคียน

Wind Direction	Percent of Wind Speed (%)				
	0.5-1.0 m/s	1.1-2.0 m/s	2.1-3.0 m/s	3.1-4.0 m/s	>4.0 m/s
N	-	-	-	-	-
NNE	-	-	-	-	-
NE	-	-	-	-	-
ENE	-	-	-	-	-
E	-	-	-	-	-
ESE	-	-	-	-	-
SE	-	-	-	-	-
SSE	5.95	1.19	-	-	-
S	1.19	-	-	-	-
SSW	2.98	7.14	1.19	-	-
SW	4.76	28.57	7.14	0.60	-
WSW	-	-	-	-	-
W	-	-	-	-	-
WNW	-	-	-	-	-
NW	-	-	-	-	-
NNW	-	-	-	-	-
CALM	-	-	-	-	-

**Remark :** Measurement method by using wind speed and wind direction meter / ISO

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**Report No. :** 2022-5004045-2 / 004-1 (Page 1 of 3) **Issued date :** June 23, 2022  
**CLIENT :** ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
**CONTACT :** [REDACTED]  
**ADDRESS :** 9/19 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS :** Wind speed and Direction **MEASUREMENT DATE :** May 26-June 2, 2022  
**MEASUREMENT LOCATION :** วัดโคกเคียน

Time	May 26-27, 2022		May 27-28, 2022		May 29-30, 2022		May 30-31, 2022		May 31-1 June, 2022		1-2 June, 2022	
	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)
08:00-09:00	WSW	0.9	WSW	1.8	SSE	0.9	-	-	-	-	-	-
09:00-10:00	SSE	1.3	WSW	1.8	WSW	1.3	WSW	1.8	WSW	1.8	-	-
10:00-11:00	WSW	2.2	WSW	2.2	WSW	2.7	WSW	2.2	WSW	1.8	-	-
11:00-12:00	WSW	3.1	SW	1.8	WSW	2.7	WSW	1.8	WSW	1.8	SSE	0.9
12:00-13:00	WSW	2.2	SW	1.8	SW	1.8	WSW	1.8	SW	1.8	SSE	0.9
13:00-14:00	SW	1.8	SW	0.9	WSW	1.8	WSW	1.3	WSW	1.3	SSE	0.9
14:00-15:00	SW	1.3	WSW	1.3	WSW	1.8	SW	1.8	WSW	1.3	SSE	0.9
15:00-16:00	SW	0.9	WSW	0.9	WSW	1.3	SW	1.8	WSW	1.8	SW	1.3
16:00-17:00	SW	1.8	SW	0.9	WSW	1.8	WSW	1.8	WSW	1.3	WSW	1.3
17:00-18:00	WSW	2.7	WSW	1.3	WSW	2.2	WSW	1.8	WSW	1.3	WSW	0.9
18:00-19:00	WSW	2.7	WSW	1.8	WSW	2.2	WSW	2.2	SSE	1.8	WSW	0.9
19:00-20:00	SW	2.2	WSW	1.3	SSE	0.9	WSW	1.8	-	-	-	-
20:00-21:00	SW	1.3	WSW	1.3	WSW	2.2	WSW	2.2	-	-	-	-
21:00-22:00	WSW	0.9	WSW	1.8	SSE	0.9	SW	2.2	-	-	-	-
22:00-23:00	WSW	1.3	WSW	1.3	SSE	0.9	WSW	0.9	-	-	-	-
23:00-00:00	WSW	1.8	WSW	1.3	-	-	-	-	-	-	-	-
00:00-01:00	WSW	1.8	WSW	1.3	-	-	-	-	-	-	-	-
01:00-02:00	WSW	1.8	-	-	-	-	-	-	-	-	-	-
02:00-03:00	WSW	1.3	-	-	-	-	-	-	-	-	-	-
03:00-04:00	WSW	0.9	-	-	-	-	-	-	-	-	-	-
04:00-05:00	WSW	1.8	-	-	-	-	-	-	-	-	-	-
05:00-06:00	WSW	1.8	SSE	0.9	-	-	-	-	-	-	-	-
06:00-07:00	WSW	1.3	S	0.9	-	-	-	-	-	-	-	-
07:00-08:00	WSW	1.3	-	-	-	-	-	-	-	-	-	-

**Remarks :**  
- WS = Wind Speed  
- WD = Wind Direction

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## Report No.

: 2022-5004045-2 / 004-1 (Page 3 of 3) Issued date : June 23, 2022

## CLIENT

: ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

## CONTACT

Address : 100 Nanglinthae Road, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

## ADDRESS

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Wind speed and Direction

MEASUREMENT DATE : May 26-June 2, 2022

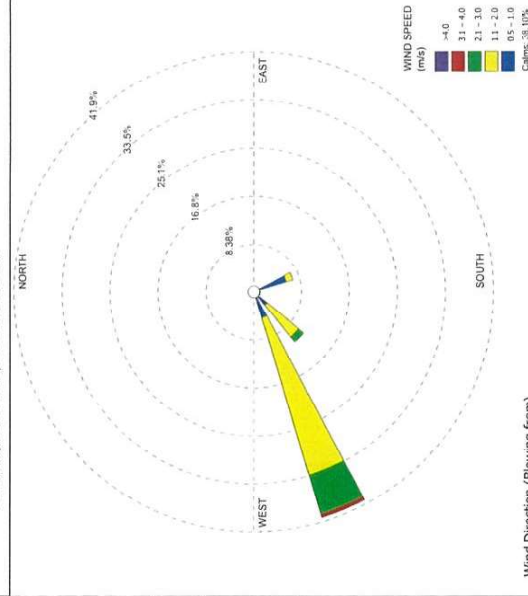
MEASUREMENT LOCATION : วัดโคกโคเตีย

MEASURED BY : [REDACTED]

### WIND ROSE PLOT

Station Name : วัดโคกโคเตีย

Sampling Date : May 26-June 2, 2022



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**Report No.** : 2022-5004045-2 / 004-2 (Page 2 of 3) **Issued date** : June 23, 2022  
**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
**CONTACT** : [REDACTED]  
**ADDRESS** : 9179 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

## Analysis Report

**SAMPLE DESIGNATED AS** : Wind speed and Direction  
**MEASUREMENT DATE** : May 26-June 2, 2022  
**MEASUREMENT LOCATION** : อ.ป.ท. บ้านกล้วย

Wind Direction	Percent of Wind Speed (%)				
	0.5-1.0 m/s	1.1-2.0 m/s	2.1-3.0 m/s	3.1-4.0 m/s	>4.0 m/s
N	-	-	-	-	-
NNE	-	-	-	-	-
NE	-	-	-	-	-
ENE	-	-	-	-	-
E	-	-	-	-	-
ESE	0.60	2.38	-	-	-
SE	4.76	4.17	-	-	-
SSE	2.38	2.38	0.60	-	-
S	5.36	2.38	-	-	-
SSW	-	0.60	-	-	-
SW	2.98	3.57	4.76	0.60	-
WSW	2.38	8.33	18.45	13.69	-
W	-	-	-	-	-
WNW	-	-	-	-	-
NW	-	-	-	-	-
NNW	-	-	-	-	-
CALM	-	-	-	-	-

**Remark** : - Measurement method by using wind speed and wind direction meter / ISO

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**Report No.** : 2022-5004045-2 / 004-2 (Page 1 of 3) **Issued date** : June 23, 2022  
**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
**CONTACT** : [REDACTED]  
**ADDRESS** : 9179 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

## Analysis Report

**SAMPLE DESIGNATED AS** : Wind speed and Direction  
**MEASUREMENT DATE** : May 26-June 2, 2022  
**MEASUREMENT LOCATION** : อ.ป.ท. บ้านกล้วย

Time	May 26-27, 2022		May 27-28, 2022		May 28-29, 2022		May 29-30, 2022		May 30-31, 2022		May 31-June, 2022		1-2 June, 2022		
	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	
06:00-09:00	SSW	1.3	WSW	2.2	S	0.9	-	Calm	-	Calm	S	1.3	SE	1.3	
09:00-10:30	S	1.8	SW	1.8	SW	1.3	WSW	2.2	SW	0.9	WSW	2.7	SE	1.3	
10:00-11:00	SW	2.7	WSW	3.1	WSW	2.7	WSW	3.1	SW	1.3	WSW	2.2	ESE	1.3	
11:00-12:00	SW	4.0	WSW	4.0	WSW	3.6	WSW	3.6	SW	2.7	WSW	2.2	S	1.8	
12:00-13:00	WSW	4.0	WSW	3.6	WSW	3.1	WSW	3.1	WSW	2.2	WSW	2.7	SW	1.8	
13:00-14:00	WSW	3.1	WSW	3.1	WSW	3.6	WSW	2.7	WSW	2.2	WSW	2.7	SW	1.8	
14:00-15:00	WSW	3.6	WSW	3.6	WSW	3.1	WSW	2.7	SW	2.2	WSW	2.2	SW	1.8	
15:00-16:00	WSW	3.1	WSW	2.2	WSW	3.1	WSW	2.2	WSW	2.2	SW	2.2	SW	1.8	
16:00-17:00	WSW	3.6	WSW	2.7	WSW	2.7	WSW	2.7	WSW	2.7	WSW	2.7	SW	2.2	
17:00-18:00	WSW	4.0	WSW	3.1	WSW	2.7	WSW	2.7	WSW	2.2	WSW	2.7	WSW	1.8	
18:00-19:00	WSW	4.0	WSW	3.1	WSW	2.7	WSW	2.7	WSW	2.2	WSW	2.2	WSW	1.8	
19:00-20:00	WSW	3.1	WSW	2.2	SSE	1.8	WSW	1.8	-	SW	0.9	SSE	2.7	WSW	1.3
20:00-21:00	WSW	1.3	WSW	2.2	S	0.9	WSW	3.1	S	0.9	ESE	1.3	SE	1.3	
21:00-22:00	WSW	1.8	WSW	2.2	S	1.3	WSW	2.7	SE	1.8	ESE	0.9	SSE	1.3	
22:00-23:00	WSW	0.9	WSW	1.8	S	0.9	WSW	0.9	SSE	1.3	S	0.9	SSE	0.9	
23:00-00:00	WSW	1.8	WSW	0.9	S	0.9	-	Calm	SSE	0.9	SE	0.9	SSE	0.9	
00:00-01:00	WSW	1.8	-	Calm	-	Calm	-	Calm	SSE	1.3	SE	0.9	-	Calm	
01:00-02:00	WSW	1.3	-	Calm	SE	0.9	S	0.9	SE	1.3	-	Calm	-	Calm	
02:00-03:00	SW	0.9	-	Calm	SE	0.9	SW	0.9	SE	1.3	-	Calm	-	Calm	
03:00-04:00	SW	0.9	-	Calm	-	Calm	-	Calm	SE	1.3	-	Calm	-	Calm	
04:00-05:00	WSW	1.3	-	Calm	-	Calm	-	Calm	ESE	1.3	-	Calm	-	Calm	
05:00-06:00	WSW	2.2	S	0.9	-	Calm	WSW	1.8	ESE	1.3	-	Calm	-	Calm	
06:00-07:00	WSW	2.2	-	Calm	SE	0.9	WSW	0.9	SE	0.9	-	Calm	-	Calm	
07:00-08:00	WSW	1.3	S	0.9	-	Calm	-	Calm	SSE	0.9	-	Calm	-	Calm	

**Remarks** :  
- WS = Wind Speed  
- WD = Wind Direction

TYWPKKK



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## Report No.

: 2022-5004045-2 / 004-2 (Page 3 of 3) Issued date : June 23, 2022

## CLIENT

: ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

## CONTACT

Address : [REDACTED] Km 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

## ADDRESS

Tel 035-719-300

## Analysis Report

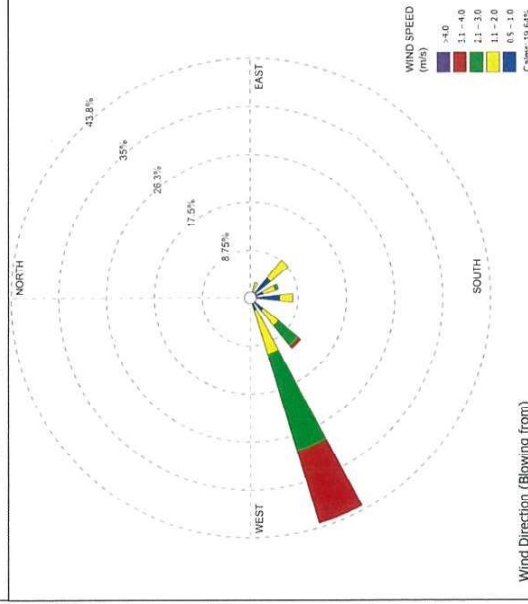
SAMPLE DESIGNATED AS : Wind speed and Direction MEASUREMENT DATE : May 26-June 2, 2022

MEASUREMENT LOCATION : [REDACTED] MEASURED BY [REDACTED]

### WIND ROSE PLOT

Station Name : [REDACTED]

Sampling Date : May 26-June 2, 2022



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**Report No.** : 2022-5004045-2 / 004-3 (Page 1 of 3) Issued date : June 23, 2022

**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT** : [REDACTED]

**ADDRESS** : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Wind speed and Direction  
MEASUREMENT LOCATION : วัดมโนไพรกุ่มโนนธรรม

Time	May 26-27, 2022		May 27-28, 2022		May 28-29, 2022		May 29-30, 2022		May 30-31, 2022		May 31-1 June, 2022		1-2 June, 2022	
	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)
08:00-09:00	W	1.3	W	0.9	-	Calm	SW	0.9	-	Calm	WSW	0.9	SSE	0.9
09:00-10:00	WSW	1.9	W	1.8	WSW	1.3	W	1.8	-	Calm	WSW	1.8	S	1.3
10:00-11:00	W	2.2	W	2.2	W	2.2	W	1.8	W	1.3	W	1.8	S	1.3
11:00-12:00	W	2.7	W	2.2	W	2.7	W	1.3	W	1.3	W	1.8	S	1.3
12:00-13:00	W	2.2	W	2.2	W	2.2	W	1.8	WNW	1.3	W	1.8	SSW	1.3
13:00-14:00	W	2.2	W	2.2	W	2.2	W	1.8	W	1.3	WSW	1.3	W	1.3
14:00-15:00	W	2.2	W	2.2	W	1.8	W	1.8	WSW	1.3	W	1.3	WSW	1.3
15:00-16:00	W	1.8	W	0.9	W	1.8	WSW	1.3	W	1.8	WSW	1.3	W	1.3
16:00-17:00	W	2.2	WNW	1.8	W	1.8	W	1.8	WSW	1.8	W	1.3	W	0.9
17:00-18:00	W	2.7	W	1.8	W	2.2	W	1.3	W	1.8	WSW	1.3	-	Calm
18:00-19:00	W	2.7	W	1.8	WSW	1.8	WSW	1.8	WSW	1.3	S	1.8	-	Calm
19:00-20:00	W	2.2	W	1.8	S	0.9	W	1.3	-	Calm	SSE	1.8	S	0.9
20:00-21:00	W	1.3	W	1.3	-	Calm	WSW	2.7	-	Calm	-	Calm	S	1.3
21:00-22:00	W	1.3	WSW	1.8	-	Calm	W	1.8	SSE	0.9	-	Calm	S	1.3
22:00-23:00	WSW	0.9	W	1.8	-	Calm	WSW	0.9	S	0.9	-	Calm	S	0.9
23:00-00:00	W	1.3	W	1.3	W	0.9	WSW	0.9	-	Calm	-	Calm	-	Calm
00:00-01:00	WSW	1.8	WSW	0.9	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm
01:00-02:00	W	1.3	-	Calm	-	Calm	-	Calm	S	1.3	-	Calm	-	Calm
02:00-03:00	W	1.3	-	Calm	-	Calm	WSW	0.9	SE	0.9	-	Calm	-	Calm
03:00-04:00	WSW	0.9	-	Calm	-	Calm	WSW	1.3	-	Calm	-	Calm	-	Calm
04:00-05:00	W	1.8	-	Calm	-	Calm	WSW	1.3	-	Calm	-	Calm	-	Calm
05:00-06:00	W	1.8	-	Calm	-	Calm	W	1.3	-	Calm	-	Calm	-	Calm
06:00-07:00	WSW	1.3	-	Calm	-	Calm	WSW	0.9	-	Calm	-	Calm	-	Calm
07:00-08:00	WSW	1.3	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm

Remarks :	- WS = Wind Speed - WD = Wind Direction
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TY/WP/KK/KK



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Report No. : 2022-5004045-2 / 004-3 (Page 3 of 3) Issued date : June 23, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

CONTACT : [REDACTED]

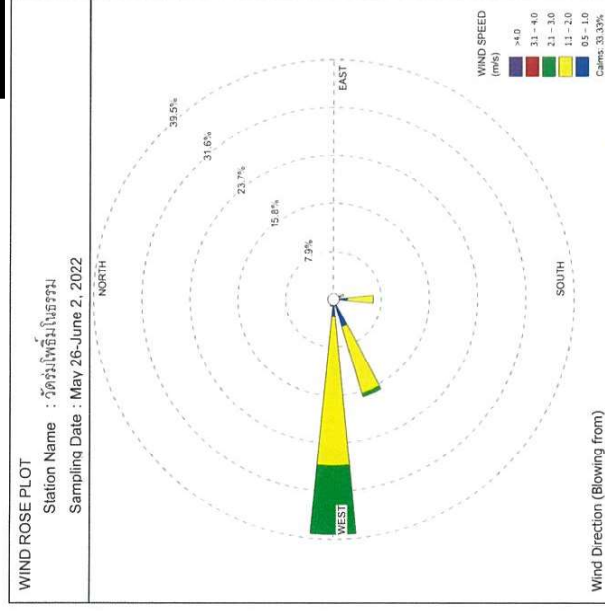
ADDRESS : 97/9 Moo 9 Rojana Industrial Park 2, Tambol Kamham, Amphur U-Thai, Ayutthaya 13210

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Wind speed and Direction MEASUREMENT DATE : May 26-June 2, 2022

MEASUREMENT LOCATION : [REDACTED] MEASURED BY [REDACTED]



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**Report No. :** 2022-5004045-2 / 004-4 (Page 2 of 3) **Issued date :** June 23, 2022

**CLIENT :** ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT :** [REDACTED]

**ADDRESS :** 919 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Tel. 035-719-300

## Analysis Report

**SAMPLE DESIGNATED AS :** Wind speed and Direction **MEASUREMENT DATE :** May 26-June 2, 2022

**MEASUREMENT LOCATION :** วัดบ้านช้าง **MEASURED BY** [REDACTED]

Wind Direction	Percent of Wind Speed (%)				
	0.5-1.0 m/s	1.1-2.0 m/s	2.1-3.0 m/s	3.1-4.0 m/s	>4.0 m/s
N	-	-	-	-	-
NNE	-	-	-	-	-
NE	-	-	-	-	-
ENE	-	-	-	-	-
E	-	-	-	-	-
ESE	-	-	-	-	-
SE	-	-	-	-	-
SSE	1.79	0.60	-	-	-
S	3.57	8.93	1.19	-	-
SSW	1.19	4.17	3.57	0.60	-
SW	0.60	4.76	7.14	1.79	-
WSW	1.19	6.55	21.43	2.98	-
W	-	7.14	12.50	2.98	-
WNW	0.60	-	-	-	-
NW	-	-	-	-	-
NNW	-	-	-	-	-
CALM	-	-	-	-	-

**Remark :** - Measurement method by using wind speed and wind direction meter / ISO



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**Report No. :** 2022-5004045-2 / 004-4 (Page 1 of 3) **Issued date :** June 23, 2022

**CLIENT :** ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT :** [REDACTED]

**ADDRESS :** 919 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Tel. 035-719-300

## Analysis Report

**SAMPLE DESIGNATED AS :** Wind speed and Direction **MEASUREMENT DATE :** May 26-June 2, 2022

**MEASUREMENT LOCATION :** วัดบ้านช้าง **MEASURED BY** [REDACTED]

Time	May 26-27, 2022		May 27-28, 2022		May 28-29, 2022		May 29-30, 2022		May 30-31, 2022		May 31-1 June, 2022		1-2 June, 2022	
	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)	WD	WS (m/s)
08:00-09:00	SSW	1.3	WSW	2.2	S	0.9	-	Calm	-	Calm	S	1.3	SE	1.3
09:00-10:00	S	1.8	SW	1.8	SW	1.3	WSW	2.2	SW	0.9	WSW	2.7	SE	1.3
10:00-11:00	SW	2.7	WSW	3.1	WSW	2.7	WSW	3.1	SW	1.3	WSW	2.2	ESE	1.3
11:00-12:00	SW	4.0	WSW	4.0	WSW	3.6	SW	2.7	SW	2.2	WSW	2.7	S	1.8
12:00-13:00	WSW	4.0	WSW	3.6	WSW	3.1	WSW	3.1	WSW	2.2	WSW	2.7	SW	1.8
13:00-14:00	WSW	3.1	WSW	3.1	WSW	3.6	WSW	2.7	SW	2.2	WSW	2.7	SW	1.8
14:00-15:00	WSW	3.6	WSW	3.6	WSW	3.1	WSW	2.7	SW	2.2	WSW	2.7	SW	1.8
15:00-16:00	WSW	3.1	WSW	2.2	WSW	2.2	WSW	2.2	SW	2.2	WSW	2.7	SW	1.8
16:00-17:00	WSW	3.6	WSW	2.7	WSW	2.7	WSW	2.7	WSW	2.2	WSW	2.7	SW	1.8
17:00-18:00	WSW	4.0	WSW	3.1	WSW	2.7	WSW	2.2	WSW	2.2	WSW	2.7	SW	1.8
18:00-19:00	WSW	4.0	WSW	3.1	SW	2.7	WSW	2.7	SW	0.9	SSE	2.7	WSW	1.3
19:00-20:00	WSW	3.1	WSW	2.7	SSE	1.8	WSW	1.8	-	Calm	SE	1.8	WSW	1.3
20:00-21:00	WSW	1.3	WSW	2.2	S	0.9	WSW	3.1	S	0.9	ESE	1.3	SE	1.3
21:00-22:00	WSW	1.8	WSW	2.2	S	1.3	WSW	2.7	SE	1.8	ESE	0.9	SSE	1.3
22:00-23:00	WSW	0.9	WSW	1.8	S	0.9	WSW	0.9	SSE	1.3	S	0.9	SSE	0.9
23:00-00:00	WSW	1.8	WSW	0.9	S	0.9	-	Calm	SSE	0.9	SE	0.9	SSE	0.9
00:00-01:00	WSW	1.8	-	Calm	-	Calm	-	Calm	SSE	0.9	SE	0.9	-	Calm
01:00-02:00	WSW	1.3	-	Calm	SE	0.9	S	0.9	SE	1.3	-	Calm	-	Calm
02:00-03:00	SW	0.9	-	Calm	SE	0.9	SW	0.9	SE	1.3	-	Calm	-	Calm
03:00-04:00	SW	0.9	-	Calm	-	Calm	-	Calm	SE	0.9	-	Calm	-	Calm
04:00-05:00	WSW	1.3	-	Calm	-	Calm	-	Calm	SE	0.9	-	Calm	-	Calm
05:00-06:00	WSW	2.2	S	0.9	-	Calm	-	Calm	ESE	1.3	-	Calm	-	Calm
06:00-07:00	WSW	2.2	-	Calm	SE	0.9	WSW	0.9	SE	0.9	-	Calm	-	Calm
07:00-08:00	WSW	1.3	S	0.9	-	Calm	-	Calm	SSE	0.9	-	Calm	-	Calm

**Remarks :**  
- WS = Wind Speed  
- WD = Wind Direction



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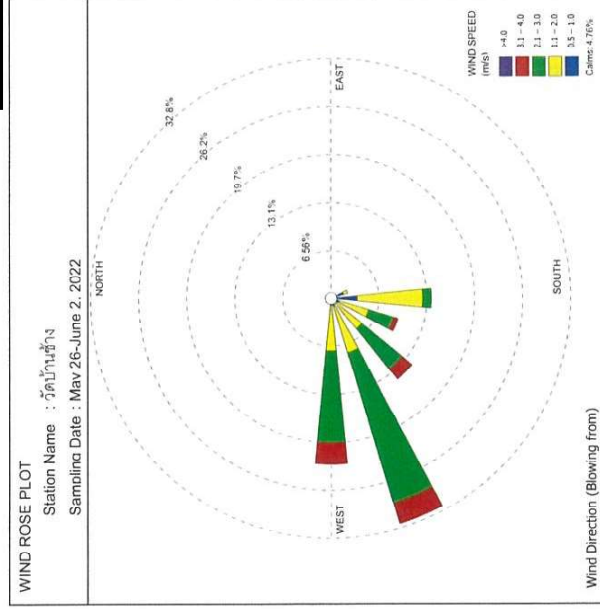


Report No. : 2022-5004045-2 / 004-4 (Page 3 of 3) Issued date : June 23, 2022

CLIENT : [REDACTED] LIMITED (ROJANA POWER PLANT 2)  
CONTACT : [REDACTED]  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-303

## Analysis Report

SAMPLE DESIGNATED AS : Wind speed and Direction MEASUREMENT DATE : May 26-June 2, 2022  
MEASUREMENT LOCATION : วัดบ้านสร้าง MEASURED BY : [REDACTED]



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ภาคผนวก ข-3  
ใบรับรองผลการตรวจวิเคราะห์  
ระดับเสียงโดยทั่วไป

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**Report No. : 2022-5004046-2 / 005-2 (Page 1 of 1)** Issued date : June 18, 2022

**CLIENT CONTACT ADDRESS**  
: ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
: 2, Tambol Kantham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Ambient Noise Level  
**MEASUREMENT LOCATION** : บ้านพักอาศัยในชุมชน  
**MEASUREMENT BY** : MEASUREMENT DATE : May 26-31, 2022  
**CALIBRATION DATA** : Calibrator Model CR:515, Cirrus Research plc., Ltd. Serial No. 87745  
**SOUND LEVEL METER NO.** : Model CR: 171B Serial No. G078054

Time	Noise Level [dB(A)]												Standard L10								
	May 26-27, 2022				May 27-28, 2022				May 28-29, 2022					May 29-30, 2022				May 30-31, 2022			
	Leq	Lmax	L90		Leq	Lmax	L90		Leq	Lmax	L90			Leq	Lmax	L90		Leq	Lmax	L90	
08:00-09:00	58.1	69.3	56.3	58.4	79.6	56.0	58.4	71.1	56.3	57.3	70.9	55.7	57.7	70.3	56.0						
09:00-10:00	57.2	65.8	56.0	57.6	76.3	55.7	57.7	68.6	56.4	57.0	55.7	65.9	55.8								
10:00-11:00	57.6	69.4	56.3	57.4	66.6	55.9	57.3	63.2	56.4	57.0	66.8	55.2	56.8	63.1	55.7						
11:00-12:00	57.8	69.9	56.2	58.0	83.8	56.0	57.4	75.1	56.2	56.6	66.4	55.1	56.9	68.3	55.8						
12:00-13:00	57.1	69.1	55.9	56.9	70.8	55.6	57.1	75.1	55.8	56.0	64.7	54.8	55.7								
13:00-14:00	57.1	69.1	55.9	56.9	70.8	55.6	57.1	75.1	55.8	56.0	64.7	54.8	55.7								
14:00-15:00	56.9	69.7	55.6	59.2	79.4	56.8	56.7	65.2	55.7	55.8	67.8	54.5	56.9	64.7	55.9						
15:00-16:00	57.7	80.4	55.5	58.5	79.9	56.0	57.1	67.2	55.8	56.3	77.3	54.7	57.0	76.3	55.9						
16:00-17:00	57.6	70.8	56.2	57.5	66.3	56.0	57.1	65.5	55.0	55.4	71.7	54.7	57.4	75.9	55.9						
17:00-18:00	58.7	72.8	57.1	58.8	74.6	56.9	59.2	74.7	57.4	56.7	67.8	55.4	62.5	76.1	56.8						
18:00-19:00	59.3	76.1	57.1	60.7	76.3	56.9	59.2	74.7	57.4	56.7	67.8	55.4	62.5	76.1	56.8						
19:00-20:00	59.3	80.3	57.2	59.6	80.8	57.2	59.2	71.3	57.9	57.4	69.6	56.3	60.2	73.7	57.4						
20:00-21:00	59.0	76.0	57.1	59.0	78.6	56.9	58.6	66.8	57.6	57.4	70.7	56.3	58.9	72.9	57.8						
21:00-22:00	57.5	63.2	57.0	57.2	66.7	56.7	57.8	61.8	57.4	56.9	64.0	56.0	83.6	57.6							
22:00-23:00	57.5	63.5	57.0	57.2	70.1	56.6	57.6	62.3	57.1	56.7	61.3	56.1	58.2	62.7	57.6						
23:00-00:00	56.9	64.3	56.2	56.5	63.8	55.9	57.4	62.2	56.9	56.4	68.8	55.8	57.3	66.6	56.5						
00:00-01:00	56.9	63.2	56.5	56.9	60.8	56.4	57.6	61.2	57.1	56.6	61.5	56.2	57.0	65.5	56.2						
01:00-02:00	56.8	64.0	56.4	57.1	61.6	56.6	57.8	66.6	57.2	56.4	59.8	56.0	56.5	61.2	55.9						
02:00-03:00	56.9	61.7	56.4	57.0	64.4	56.6	57.7	61.8	57.2	56.4	61.2	56.0	56.1	62.3	55.7						
03:00-04:00	57.0	63.4	56.4	57.3	64.9	56.7	57.8	64.4	57.3	56.3	61.3	55.9	56.4	63.3	55.8						
04:00-05:00	57.4	64.1	56.7	57.5	63.5	56.9	58.2	64.9	57.4	56.8	64.2	56.2	57.0	63.9	56.2						
05:00-06:00	58.6	72.2	57.2	58.5	72.3	57.2	58.4	70.3	57.5	58.0	66.1	56.6	58.0	68.9	56.6						
06:00-07:00	59.9	74.7	57.6	59.5	78.3	57.5	59.2	71.4	57.7	59.8	81.3	57.4	60.0	81.3	57.1						
07:00-08:00	60.2	78.4	57.2	59.2	75.4	56.8	58.0	68.3	56.4	59.5	76.2	57.0	59.5	78.3	56.6						
Leq 24 hrs	58.0	-	-	58.2	-	-	58.0	-	57.1	-	-	-	58.1	-	-						
L90	-	55.5	-	57.6	-	-	55.6	-	55.7	-	-	54.5	-	55.7	-						
Lmax	-	80.4	-	-	-	83.8	-	-	75.1	-	-	81.3	-	83.6	-						

**Sources :** 1) Notification of the National Environment Board No.15, B.E. 2540 (1997).  
2) Notification of Ministry of Industry regarding the Standard of Noise

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**Report No. : 2022-5004046-1 / 005-1 (Page 1 of 1)** Issued date : June 18, 2022

**CLIENT CONTACT ADDRESS**  
: ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
: 2, Tambol Kantham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Ambient Noise Level  
**MEASUREMENT LOCATION** : บ้านพักอาศัยในชุมชน  
**MEASUREMENT BY** : MEASUREMENT DATE : May 26-31, 2022  
**CALIBRATION DATA** : Calibrator Model CR:515, Cirrus Research plc., Ltd. Serial No. 87745  
**SOUND LEVEL METER NO.** : Model CR: 161B Serial No. G079727

Time	Noise Level [dB(A)]												Standard L90								
	May 26-27, 2022				May 27-28, 2022				May 28-29, 2022					May 29-30, 2022				May 30-31, 2022			
	Leq	Lmax	L90		Leq	Lmax	L90		Leq	Lmax	L90			Leq	Lmax	L90		Leq	Lmax	L90	
08:00-09:00	56.5	72.7	51.9	57.7	71.1	53.3	57.3	57.1	53.1	56.9	74.8	51.8									
09:00-10:00	56.1	74.7	51.0	56.1	74.9	52.2	56.2	56.2	52.8	57.3	52.2	50.7									
10:00-11:00	56.5	69.6	52.6	56.6	79.7	52.8	56.4	75.8	52.6	55.9	76.7	51.0	55.2	74.2	50.8						
11:00-12:00	56.5	69.6	52.6	56.6	79.7	52.8	56.4	75.8	52.6	55.9	76.7	51.0	55.2	74.2	50.8						
12:00-13:00	56.4	72.8	52.6	56.0	72.7	52.0	55.8	75.8	51.3	55.9	73.4	51.3	55.1	75.7	50.4						
13:00-14:00	55.2	71.4	51.6	57.3	74.2	52.8	55.5	75.3	50.1	55.8	75.1	50.6	55.9	78.2	50.3						
14:00-15:00	55.7	78.7	51.2	57.3	68.8	52.8	55.0	73.0	50.5	54.9	73.0	50.0	55.3	75.0	50.7						
15:00-16:00	56.8	73.7	52.4	57.5	77.3	53.2	55.5	75.9	51.0	54.7	71.2	49.8	55.6	77.0	51.1						
16:00-17:00	57.3	73.5	53.6	56.8	74.5	53.3	56.1	75.3	51.8	55.3	77.1	49.5	56.8	77.0	51.0						
17:00-18:00	58.7	75.3	55.0	58.7	80.2	53.6	60.7	71.9	54.0	56.5	74.3	51.5	57.3	74.4	52.3						
18:00-19:00	58.2	78.6	53.7	57.5	73.5	52.8	57.1	77.4	52.7	57.1	76.2	51.9	57.4	82.1	51.6						
19:00-20:00	57.8	75.3	53.2	57.6	70.6	53.5	59.3	83.8	52.6	57.6	74.5	51.9	57.0	77.4	51.9						
20:00-21:00	57.3	72.6	52.6	57.6	75.4	52.4	58.2	78.1	53.0	56.6	78.8	50.4	55.5	70.8	50.0						
21:00-22:00	56.6	76.4	50.0	55.9	75.9	50.1	55.9	72.9	51.1	54.9	75.2	47.6	54.2	70.6	47.2						
22:00-23:00	55.2	74.9	49.2	54.9	77.3	49.1	55.0	71.7	49.8	53.1	70.3	46.8	53.4	78.3	45.3						
23:00-00:00	53.4	70.1	48.4	53.4	73.7	47.8	53.4	71.5	43.1	51.1	70.1	43.8	50.9	69.9	43.4						
00:00-01:00	51.1	73.5	47.1	52.6	72.9	46.7	51.9	70.0	47.2	49.8	66.5	43.1	49.1	65.7	42.9						
01:00-02:00	51.1	73.5	47.1	52.6	72.9	46.7	51.9	67.9	46.7	49.8	70.0	42.9	48.0	65.9	42.5						
02:00-03:00	51.3	71.4	46.5	50.7	67.2	45.2	51.0	68.2	46.6	49.4	67.3	44.1	50.6	74.9	43.2						
03:00-04:00	52.1	71.0	46.8	51.0	65.2	45.7	51.0	66.0	47.0	50.1	67.7	43.8	49.8	66.9	42.8						
04:00-05:00	52.3	70.6	47.4	51.2	67.2	46.0	52.8	73.0	47.4	51.1	65.3	44.3	49.7	64.0	43.6						
05:00-06:00	56.2	78.3	50.6	55.6	71.2	48.6	55.8	69.7	49.1	55.7	73.3	48.1	55.6	75.2	48.2						
06:00-07:00	58.3	74.5	54.0	58.5	81.3	52.4	57.2	74.0	51.8	57.8	72.3	53.4	58.6	77.0	53.1						
07:00-08:00	58.5	74.2	54.7	57.9	73.0	53.6	57.8	74.5	52.9	58.3	73.6	53.9	58.5	79.7	54.0						
Leq 24 hrs	56.2	-	-	56.3	-	-	56.2	-	55.4	-	-	55.6	-	-	-					70	
L90	-	46.5	-	-	-	-	46.6	-	42.9	-	-	42.9	-	-	-					42.5	
Lmax	-	78.7	-	-	-	-	81.3	-	78.8	-	-	82.1	-	-	-					115	

**Sources :** 1) Notification of the National Environment Board No.15, B.E. 2540 (1997).  
2) Notification of Ministry of Industry regarding the Standard of Noise

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ภาคผนวก ข-4

ใบรับรองผลการตรวจวิเคราะห์  
ระดับเสียงในสถานที่ทำงาน

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Report No. : 2022-5003542-3 / 002 (Page 2 of 2)

Issued date : March 7, 2022

CLIENT  
CONTACT  
ADDRESS

: ROJANA POWER COMPANY, LIMITED (ROJANA POWER PLANT 2)

: 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Workplace Noise Level  
MEASUREMENT LOCATION : Rojana Power Plant, (SPP2)  
AYUTTHAYA PROVINCE

MEASUREMENT DATE : March 3, 2022

MEASURED BY

CALIBRATION DATA : Model CR-515 Serial No. 81745, Cirrus Research plc.

Item	Results				Standard <sup>1)</sup>
	Stations	Steam Turbine Generator	HRS#1	HRS#2	
Measurement Time	09:10-17:10	09:03-17:03	09:03-17:03	09:22-17:22	
Sound Level Meter Model	CR-171B	CR-171B	CR-171B	CR-161B	
Sound Level Meter Serial No.	G068723	G078141	G078141	G080136	
Pre Cal (dB(A))	93.8	93.8	93.8	93.8	
Post Cal (dB(A))	93.8	93.8	93.8	93.8	
Measurement Period	Sound Level [dB(A)]				
	Leq 8 hr	Lmax	Leq 8 hr	Lmax	
1 <sup>st</sup> hour	79.9	86.6	77.4	72.5	75.8
2 <sup>nd</sup> hour	78.8	80.2	77.5	72.2	73.0
3 <sup>rd</sup> hour	78.7	80.5	77.5	72.1	72.8
4 <sup>th</sup> hour	78.5	80.1	77.1	72.1	72.9
5 <sup>th</sup> hour	79.2	81.2	77.4	72.3	73.7
6 <sup>th</sup> hour	79.1	88.2	77.3	72.4	74.0
7 <sup>th</sup> hour	78.8	81.6	77.2	72.4	73.8
8 <sup>th</sup> hour	78.6	82.3	77.2	72.5	82.3
Leq 8 hrs	79.0	-	77.3	72.3	≤90
Lmax	-	88.2	-	88.7	≤140

Sources : <sup>1)</sup> Notification of the Ministry of Industry, Subjected "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

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Report No. : 2022-5003542-3 / 002 (Page 1 of 2)

Issued date : March 7, 2022

CLIENT  
CONTACT  
ADDRESS

: ROJANA POWER COMPANY, LIMITED (ROJANA POWER PLANT 2)

: 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Workplace Noise Level  
MEASUREMENT LOCATION : Rojana Power Plant 2, (SPP2)  
AYUTTHAYA PROVINCE

MEASUREMENT DATE : March 3, 2022

MEASURED BY

CALIBRATION DATA : Model CR-515 Serial No. 81745, Cirrus Research plc.

Item	Results				Standard <sup>1)</sup>
	Stations	Combustion Turbine Generator 1	Combustion Turbine Generator 2	Cooling Tower	
Measurement Time	08:54-16:54	09:21-17:21	09:21-17:21	09:16-17:16	
Sound Level Meter Model	CR-161B	CR-161B	CR-161B	CR-161B	
Sound Level Meter Serial No.	G078642	G078509	G078509	G078417	
Pre Cal (dB(A))	93.8	93.8	93.8	93.8	
Post Cal (dB(A))	93.8	93.8	93.8	93.8	
Measurement Period	Sound Level [dB(A)]				
	Leq 8 hr	Lmax	Leq 8 hr	Lmax	
1 <sup>st</sup> hour	76.5	83.7	78.5	80.8	80.9
2 <sup>nd</sup> hour	77.8	81.5	79.7	80.6	80.4
3 <sup>rd</sup> hour	77.8	80.7	79.7	80.4	80.3
4 <sup>th</sup> hour	77.5	80.6	79.7	84.1	80.1
5 <sup>th</sup> hour	77.4	80.0	80.2	80.9	80.0
6 <sup>th</sup> hour	77.4	86.2	80.1	80.9	80.1
7 <sup>th</sup> hour	77.6	81.4	80.1	80.7	80.1
8 <sup>th</sup> hour	78.3	99.0	80.2	84.2	80.5
Leq 8 hrs	77.6	-	79.8	-	≤90
Lmax	-	99.0	-	84.2	≤140

Sources : <sup>1)</sup> Notification of the Ministry of Industry, Subjected "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

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Report No. : 2022-5004045-3 / 002 (Page 2 of 2)

Issued date : June 27, 2022

CLIENT  
CONTACT  
ADDRESS

ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

979 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Workplace Noise Level

MEASUREMENT DATE : June 20, 2022

MEASUREMENT LOCATION : Rojana Power Plant, (SPP2)

MEASURED BY

Ayutthaya Province

CALIBRATION DATA : Model CR:515 Serial No. 81745, Cirrus Research plc.

## Analysis Report

SAMPLE DESIGNATED AS : Workplace Noise Level

MEASUREMENT DATE : June 20, 2022

MEASUREMENT LOCATION : Rojana Power Plant 2, (SPP2)

MEASURED BY

Ayutthaya Province

CALIBRATION DATA : Model CR:515 Serial No. 81745, Cirrus Research plc.

Item	Results				Standard <sup>1)</sup>
	Stations	Steam Turbine Generator	HRSG#1	HRSG#2	
Measurement Time	08:10-16:10	08:00-16:00	08:00-16:00	08:00-16:00	
Sound Level Meter Model	CR:161B	CR:161B	CR:161B	CR:161B	
Sound Level Meter Serial No.	G079772	G080136	G080132	G080132	
Pre Cal (dB(A))	93.7	93.7	93.7	93.7	
Post Cal (dB(A))	93.7	93.7	93.7	93.7	
Measurement Period	Sound Level (dB(A))				
	Leq 8 hr	Lmax	Leq 8 hr	Lmax	
1 <sup>st</sup> hour	79.4	85.4	77.8	79.5	75.9
2 <sup>nd</sup> hour	78.6	81.4	77.7	79.1	74.8
3 <sup>rd</sup> hour	78.6	81.9	79.0	82.5	74.6
4 <sup>th</sup> hour	80.3	84.5	77.8	80.7	79.9
5 <sup>th</sup> hour	81.0	83.7	76.7	79.0	74.4
6 <sup>th</sup> hour	80.6	83.4	76.2	78.8	74.3
7 <sup>th</sup> hour	80.5	82.9	75.8	78.1	74.0
8 <sup>th</sup> hour	80.6	83.9	75.9	77.8	74.0
Leq 8 hrs	80.1	-	77.2	-	74.5
Lmax	-	85.4	-	82.5	-
					79.9
					≤90
					≤140

Sources : <sup>1)</sup> Notification of the Ministry of Industry, Subjected 'Safety Protection Measure for Industry about Working Condition',

dated December 3, B.E. 2546 (2003).



SPWP/KK/KK

Report No. : 2022-5004045-3 / 002 (Page 1 of 2)

Issued date : June 27, 2022

CLIENT  
CONTACT  
ADDRESS

ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

979 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Workplace Noise Level

MEASUREMENT DATE : June 20, 2022

MEASUREMENT LOCATION : Rojana Power Plant 2, (SPP2)

MEASURED BY

Ayutthaya Province

CALIBRATION DATA : Model CR:515 Serial No. 81745, Cirrus Research plc.

Item	Results				Standard <sup>1)</sup>
	Stations	Combustion Turbine Generator 1	Combustion Turbine Generator 2	Cooling Tower	
Measurement Time	08:00-16:00	08:00-16:00	08:32-16:32	08:24-16:24	
Sound Level Meter Model	CR:161B	CR:161B	CR:161B	CR:161B	
Sound Level Meter Serial No.	G080140	G080148	G078421	G078421	
Pre Cal (dB(A))	93.7	93.7	93.7	93.7	
Post Cal (dB(A))	93.7	93.7	93.7	93.7	
Measurement Period	Sound Level (dB(A))				
	Leq 8 hr	Lmax	Leq 8 hr	Lmax	
1 <sup>st</sup> hour	73.6	77.9	72.4	76.5	81.7
2 <sup>nd</sup> hour	74.2	81.6	73.6	77.5	80.8
3 <sup>rd</sup> hour	74.7	76.5	73.5	74.8	80.7
4 <sup>th</sup> hour	74.6	76.2	73.5	75.6	80.7
5 <sup>th</sup> hour	74.5	76.3	73.8	75.6	80.6
6 <sup>th</sup> hour	74.6	76.0	77.1	79.7	80.7
7 <sup>th</sup> hour	74.6	76.4	78.7	80.3	80.7
8 <sup>th</sup> hour	74.7	76.5	78.6	79.6	80.8
Leq 8 hrs	74.5	-	75.8	-	80.7
Lmax	-	81.6	-	80.3	-
					84.4
					≤90
					≤140

Sources : <sup>1)</sup> Notification of the Ministry of Industry, Subjected 'Safety Protection Measure for Industry about Working Condition',

dated December 3, B.E. 2546 (2003).



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ภาคผนวก ข-5

ใบรับรองผลการตรวจวิเคราะห์

คุณภาพน้ำทิ้ง

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**Report No.** : 2022-5003543-1 / 001 (Page 2 of 2) **Issued date** : January 31, 2022

**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT** : [REDACTED]

**ADDRESS** : 919 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis **SAMPLING DATE** : January 17, 2022

**SAMPLING LOCATION** : Discharge Point, Rojana Power Plant 2 **ANALYTICAL DATE** : January 18, 2022

**SAMPLING PERSON** : [REDACTED] **SAMPLING TIME** : 10.45 hrs.

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
Conductivity	µs/cm	APHA, 2510 B	1.881	-	-
Flow Rate*	m <sup>3</sup> /hr	Flow rate Meter	2.4	-	-

**Remark** : \* Data from client.

**Sources** : <sup>1/</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)  
<sup>2/</sup> The control values were specified by the Rojana Industrial Park

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**Report No.** : 2022-5003543-1 / 001 (Page 1 of 2) **Issued date** : January 31, 2022

**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT** : [REDACTED]

**ADDRESS** : 919 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis **SAMPLING DATE** : January 17, 2022

**SAMPLING LOCATION** : Discharge Point, Rojana Power Plant 2 **ANALYTICAL DATE** : January 18, 2022

**SAMPLING PERSON** : [REDACTED] **SAMPLING TIME** : 10.45 hrs.

**LABORATORY NAME** : SGS (Thailand) Limited (7-197)

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
pH	-	Electrometric Method	7.4	6.0-9.0	5.5-9.0
Temperature	°C	Electrometric Method	30.4	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	APHA, 2540 C	1,458	≤3,000	≤3,000
Fat Oil & Grease (FOG)	mg/l	APHA, 5520 B	<1	≤5	≤10
Biochemical Oxygen Demand (BOD)	mg/l	APHA, 5210 B	<2	-	≤500
Free Chlorine (Cl <sub>2</sub> )	mg/l	APHA, 4500-Cl G	0.02	≤1	≤1
Zinc (Zn)	mg/l	APHA, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	APHA, 3120 B	0.03	≤2	≤2

**Sources** : <sup>1/</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)  
<sup>2/</sup> The control values were specified by the Rojana Industrial Park



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**Report No. : 2022-5003542-2 / 001 (Page 2 of 2)** Issued date : February 21, 2022

**CLIENT :** ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT :** [REDACTED]

**ADDRESS :** 97/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS :** Wastewater Analysis  
**SAMPLING LOCATION :** Discharge Point, Rojana Power Plant 2  
**SAMPLING PERSON :** [REDACTED]  
**SAMPLING DATE :** February 4, 2022  
**ANALYTICAL DATE :** February 5, 2022  
**SAMPLING TIME :** 10:45 hrs.

Parameter	Unit	Method	Result	Standard <sup>1)</sup>	Standard <sup>2)</sup>
Conductivity	µS/cm	APHA, 2510 B	1,653	-	-
Flow Rate*	m <sup>3</sup> /hr	Flow rate Meter	24	-	-

**Remark :** \* Data from client.  
**Sources :** <sup>1)</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)  
<sup>2)</sup> The control values were specified by the Rojana Industrial Park.

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**Report No. : 2022-5003542-2 / 001 (Page 1 of 2)** Issued date : February 21, 2022

**CLIENT :** ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT :** [REDACTED]

**ADDRESS :** 97/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS :** Wastewater Analysis  
**SAMPLING LOCATION :** Discharge Point, Rojana Power Plant 2  
**SAMPLING PERSON :** [REDACTED]  
**SAMPLING DATE :** February 4, 2022  
**ANALYTICAL DATE :** February 5, 2022  
**SAMPLING TIME :** 10:45 hrs.

Parameter	Unit	Method	Result	Standard <sup>1)</sup>	Standard <sup>2)</sup>
pH	-	Electrometric Method	7.8	6.0-9.0	5.5-9.0
Temperature	°C	Electrometric Method	30.9	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	APHA, 2540 C	1,214	≤3,000	≤3,000
Fat Oil & Grease (FOG)	mg/l	APHA, 5520 B	<1	≤5	≤10
Biochemical Oxygen Demand (BOD)	mg/l	APHA, 5210 B	<2	-	≤500
Free Chlorine (Cl <sub>2</sub> )	mg/l	APHA, 4500-Cl G	0.02	≤1	≤1
Zinc (Zn)	mg/l	APHA, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	APHA, 3120 B	<0.01	≤2	≤2

**Sources :** <sup>1)</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)  
<sup>2)</sup> The control values were specified by the Rojana Industrial Park.



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**Report No.** : 2022-5003542-3 / 001 (Page 2 of 2) **Issued date** : March 14, 2022

**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT** : [REDACTED]

**ADDRESS** : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis **SAMPLING DATE** : March 3, 2022

**SAMPLING LOCATION** : Discharge Point, Rojana Power Plant 2 **ANALYTICAL DATE** : March 3, 2022

**SAMPLING PERSON** : [REDACTED] **SAMPLING TIME** : 10.45 hrs.

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
Conductivity	µs/cm	APHA, 2510 B	1,537	-	-
Flow Rate*	m <sup>3</sup> /hr	Flow rate Meter	50	-	-

**Remark** : \* Data from client.

**Sources** : <sup>1/</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009/74623 dated May 23, B.E. 2554 (2011)

<sup>2/</sup> The control values were specified by the Rojana Industrial Park

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**Report No.** : 2022-5003542-3 / 001 (Page 1 of 2) **Issued date** : March 14, 2022

**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT** : [REDACTED]

**ADDRESS** : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis **SAMPLING DATE** : March 3, 2022

**SAMPLING LOCATION** : Discharge Point, Rojana Power Plant 2 **ANALYTICAL DATE** : March 4, 2022

**SAMPLING PERSON** : [REDACTED] **SAMPLING TIME** : 10.45 hrs.

**LABORATORY NAME** : SGS (Thailand) Limited (P-197)

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
pH	-	Electrometric Method	7.9	6.0-9.0	5.5-9.0
Temperature	°C	Electrometric Method	32.1	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	APHA, 2540 C	1,151	≤3,000	≤3,000
Fat Oil & Grease (FOG)	mg/l	APHA, 5520 B	<1	≤5	≤10
Biochemical Oxygen Demand (BOD)	mg/l	APHA, 5210 B	2	-	≤500
Free Chlorine (Cl <sub>2</sub> )	mg/l	APHA, 4500-Cl <sub>2</sub> G	0.05	≤1	≤1
Zinc (Zn)	mg/l	APHA, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	APHA, 3120 B	<0.01	≤2	≤2

**Sources** : <sup>1/</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009/74623 dated May 23, B.E. 2554 (2011)

<sup>2/</sup> The control values were specified by the Rojana Industrial Park



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## Report No.

: 2022-5004045-1 / 001 (Page 2 of 2)

Issued date : April 20, 2022

CLIENT

LIMITED (ROJANA POWER PLANT 2)

CONTACT

[REDACTED]

ADDRESS

: 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS

: Wastewater Analysis

SAMPLING DATE : April 4, 2022

SAMPLING LOCATION

: [REDACTED] Plant 2

ANALYTICAL DATE : April 5, 2022

SAMPLING PERSON

: [REDACTED]

SAMPLING TIME : 10.16 hrs.

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
Conductivity	µS/cm	APHA, 2510 B	1,524	-	-
Flow Rate*	m <sup>3</sup> /hr	Flow rate Meter	49	-	-

Remark : \* Data from client.

Sources : <sup>1/</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 009 74623 dated May 23, B.E. 2554 (2011)<sup>2/</sup> The control values were specified by the Rojana Industrial Park

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## Report No.

: 2022-5004045-1 / 001 (Page 1 of 2)

Issued date : April 20, 2022

CLIENT

: ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

CONTACT

[REDACTED]

ADDRESS

: 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS

: Wastewater Analysis

SAMPLING DATE : April 4, 2022

SAMPLING LOCATION

: [REDACTED] Plant 2

ANALYTICAL DATE : April 5, 2022

SAMPLING PERSON

: [REDACTED]

SAMPLING TIME : 10.16 hrs.

LABORATORY NAME : SGS (Thailand) Limited (7-197)

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
pH	-	Electrometric Method	7.8	6.0-9.0	5.5-9.0
Temperature	°C	Electrometric Method	28.0	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	APHA, 2540 C	1.152	≤3,000	≤3,000
Fat Oil & Grease (FOG)	mg/l	APHA, 5520 B	<1	≤5	≤10
Biochemical Oxygen Demand (BOD)	mg/l	APHA, 5210 B	<2	-	≤500
Free Chlorine (Cl <sub>2</sub> )	mg/l	APHA, 4500-Cl G	0.03	≤1	≤1
Zinc (Zn)	mg/l	APHA, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	APHA, 3120 B	<0.01	≤2	≤2

Sources : <sup>1/</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009 74623 dated May 23, B.E. 2554 (2011)<sup>2/</sup> The control values were specified by the Rojana Industrial Park

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**Report No.** : 2022-5004045-2 / 001 (Page 2 of 2) **Issued date** : May 26, 2022

**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT** : [REDACTED]

**ADDRESS** : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis **SAMPLING DATE** : May 9, 2022

**SAMPLING LOCATION** : Discharge Point, Rojana Power Plant 2 **ANALYTICAL DATE** : May 10, 2022

**SAMPLING PERSON** : [REDACTED] **SAMPLING TIME** : 10.50 hrs.

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
Conductivity	µs/cm	APHA, 2510 B	1,476	-	-
Flow Rate*	m <sup>3</sup> /hr	Flow rate Meter	49	-	-

**Remark** : \* Data from client.

**Sources** : <sup>1/</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009/74623 dated May 23, B.E. 2554 (2011)  
<sup>2/</sup> The control values were specified by the Rojana Industrial Park

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**Report No.** : 2022-5004045-2 / 001 (Page 1 of 2) **Issued date** : May 26, 2022

**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

**CONTACT** : [REDACTED]

**ADDRESS** : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis **SAMPLING DATE** : May 9, 2022

**SAMPLING LOCATION** : Discharge Point, Rojana Power Plant 2 **ANALYTICAL DATE** : May 10, 2022

**SAMPLING PERSON** : [REDACTED] **SAMPLING TIME** : 10.50 hrs.

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
pH	-	Electrometric Method	8.0	6.0-9.0	5.5-9.0
Temperature	°C	Electrometric Method	32.3	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	APHA, 2540 C	1,107	≤3,000	≤3,000
Fat Oil & Grease (FOG)	mg/l	APHA, 5520 B	<1	≤5	≤10
Biochemical Oxygen Demand (BOD)	mg/l	APHA, 5210 B	<2	-	≤500
Free Chlorine (Cl <sub>2</sub> )	mg/l	APHA, 4500-Cl G	0.04	≤1	≤1
Zinc (Zn)	mg/l	APHA, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	APHA, 3120 B	0.02	≤2	≤2

**Sources** : <sup>1/</sup> EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009/74623 dated May 23, B.E. 2554 (2011)  
<sup>2/</sup> The control values were specified by the Rojana Industrial Park



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Report No. : 2022-5004045-3 / 001 (Page 2 of 2)

Issued date : June 20, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT :  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Wastewater Analysis  
SAMPLING LOCATION : Discharge Point, Rojana Power Plant 2  
SAMPLING PERSON :  
SAMPLING TIME : 10:20 hrs.

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
Conductivity	µs/cm	APHA, 2510 B	1,661	-	-
Flow Rate*	m <sup>3</sup> /hr	Flow rate Meter	17	-	-

Remark : \* Data from client.  
Sources : 1/ EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)  
2/ The control values were specified by the Rojana Industrial Park



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Report No. : 2022-5004045-3 / 001 (Page 1 of 2)

Issued date : June 20, 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT :  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Wastewater Analysis  
SAMPLING LOCATION : Discharge Point, Rojana Power Plant 2  
SAMPLING PERSON :  
SAMPLING TIME : 10:20 hrs.

Parameter	Unit	Method	Result	Standard <sup>1/</sup>	Standard <sup>2/</sup>
pH	-	Electrometric Method	7.5	6.0-9.0	5.5-9.0
Temperature	°C	Electrometric Method	31.3	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	APHA, 2540 C	1,132	≤3,000	≤3,000
Fat Oil & Grease (FOG)	mg/l	APHA, 5520 B	<1	≤5	≤10
Biochemical Oxygen Demand (BOD)	mg/l	APHA, 5210 B	<2	-	≤500
Free Chlorine (Cl <sub>2</sub> )	mg/l	APHA, 4500-Cl G	0.02	≤1	≤1
Zinc (Zn)	mg/l	APHA, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	APHA, 3120 B	0.02	≤2	≤2

Sources : 1/ EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)  
2/ The control values were specified by the Rojana Industrial Park



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ภาคผนวก ข-6

ใบรับรองผลการตรวจวัดคุณภาพสิ่งแวดล้อม ด้านอาชีวอนามัย  
และความปลอดภัย

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**Report No.** : 2022-5004045-1 / 004 (Page 2 of 6) **Issued date:** May 9, 2022  
**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
**CONTACT** : [REDACTED]  
**ADDRESS** : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Light Intensity **MEASUREMENT DATE**: April 27, 2022  
**MEASUREMENT LOCATION** : Rojana Power Plant 2, Ayutthaya Province **MEASURED BY** : [REDACTED]

Day Time	Measurement Location	Activities/ Type of Work	Light Intensity (Lux)	Standard Value <sup>ii</sup>	Standard Condition <sup>iv</sup>
6.	Control Room (Monitor)	Measuring instrument, gauge valve etc.	412	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
7.	Control Room (Control Panel)	Measuring instrument, gauge valve etc.	529	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
8.	Chiller Room	Measuring instrument, gauge valve etc.	3,564	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
9.	STG Turbine	Measuring instrument, gauge valve etc.	1,287	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
10.	STG Generator	Measuring instrument, gauge valve etc.	1,183	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
11.	Water Treatment Plant Control 1	Measuring instrument, gauge valve etc.	534	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
12.	Water Treatment Plant Control 2	Measuring instrument, gauge valve etc.	686	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.

**Sources :** <sup>iv</sup> Notification of the Department of Labor Protection and Welfare, Subject "Light Intensity Standard" dated February 21, B.E. 2561 (2018).

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**Report No.** : 2022-5004045-1 / 004 (Page 1 of 6) **Issued date:** May 9, 2022  
**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
**CONTACT** : [REDACTED]  
**ADDRESS** : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300

### Analysis Report

**SAMPLE DESIGNATED AS** : Light Intensity **MEASUREMENT DATE**: April 27, 2022  
**MEASUREMENT LOCATION** : Rojana Power Plant 2, Ayutthaya Province **MEASURED BY** : [REDACTED]

Day Time	Measurement Location	Activities/ Type of Work	Light Intensity (LDX)	Standard Value <sup>ii</sup>	Standard Condition <sup>iv</sup>
1.	Meeting Room (Area measurement)	Meeting Room	518	300	Multipurpose area in office; Conference room
1.1	Average value		404	150	
1.2	Minimum value				
2.	Warehouse (Area measurement)	Storage area	507	100	Process area or working area; Raw material storage room
2.1	Average value		148	50	
2.2	Minimum value				
3.	MCC Room; Switch gear (Area measurement)	Measuring instrument, gauge valve etc.	499	200	Process area or working area; MCC Room
3.1	Average value		381	100	
3.2	Minimum value				
4.	Battery Room (Area measurement)	Measuring instrument, gauge valve etc.	392	200	Process area or working area; Battery Room
4.1	Average value		359	100	
4.2	Minimum value				
5.	Office OEG	Computer and Document work	676	400-500	Low fine working; Routine work in the office such as writing, typing, data recording, reading and data processing, file storage

**Sources :** <sup>iv</sup> Notification of the Department of Labor Protection and Welfare, Subject "Light Intensity Standard" dated February 21, B.E. 2561 (2018).

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Issued date: May 9 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT :   
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300, 085-756-9114

### Analysis Report

SAMPLE DESIGNATED AS : Light Intensity  
MEASUREMENT LOCATION : Rojana Power Plant 2, Ayutthaya Province  
MEASURED BY :   
MEASUREMENT DATE : April 27, 2022

Measurement Location	Activities/ Type of Work	Light Intensity (LUX)	Standard Value"	Standard Condition"
<b>Night Time</b>				
19. Walkway: SUP 4-CCR (Area measurement)				
19.1 Average value	Walkway	105	50	General area for walkway and/or road and emergency evacuation route; Walkway (outdoor)
19.2 Minimum value		64	25	
20. Walkway: GTG 1 (Area measurement)				
20.1 Average value	Walkway	81	50	General area for walkway and/or road and emergency evacuation route; Walkway (outdoor)
20.2 Minimum value		55	25	
21. Walkway: GTG 1-CCR (Area measurement)				
21.1 Average value	Walkway	110	50	General area for walkway and/or road and emergency evacuation route;Walkway (outdoor)
21.2 Minimum value		67	25	
22. Walkway: GTG 2-CCR (Area measurement)				
22.1 Average value	Walkway	81	50	General area for walkway and/or road and emergency evacuation route; Walkway (outdoor)
22.2 Minimum value		66	25	
23. Walkway: GTG 2 (Area measurement)				
23.1 Average value	Walkway	58	50	General area for walkway and/or road and emergency evacuation route; Walkway (outdoor)
23.2 Minimum value		52	25	
24. Walkway: GTG-Cooling tower (Area measurement)				
24.1 Average value	Walkway	70	50	General area for walkway and/or road and emergency evacuation route; Walkway (outdoor)
24.2 Minimum value		62	25	

Sources : " Notification of the Department of Labor Protection and Welfare, Subject "Light Intensity Standard" dated February 21, B.E. 2561 (2018).

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Report No. : 2022-5004045-1 / 004 (Page 3 of 6)

Issued date: May 9 2022

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
CONTACT : K  
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210  
Tel. 035-719-300, 085-756-9114

### Analysis Report

SAMPLE DESIGNATED AS : Light Intensity  
MEASUREMENT LOCATION : Rojana Power Plant 2, Ayutthaya Province  
MEASURED BY :   
MEASUREMENT DATE : April 27, 2022

Measurement Location	Activities/ Type of Work	Light Intensity (LUX)	Standard Value"	Standard Condition"
<b>Night Time</b>				
13. Meeting Room (Area measurement)				
13.1 Average value	Meeting Room	356	300	Multipurpose area in office; Conference room
13.2 Minimum value		322	150	
14. Warehouse (Area measurement)				
14.1 Average value	Storage area	365	100	Process area or working area; Raw material storage room
14.2 Minimum value		126	50	
15. MCC Room: Switch gear (Area measurement)				
15.1 Average value	Measuring instrument, gauge valve etc.	456	200	Process area or working area; MCC Room
15.2 Minimum value		413	100	
16. Battery Room (Area measurement)				
16.1 Average value	Measuring instrument, gauge valve etc.	355	200	Process area or working area; Battery Room
16.2 Minimum value		300	100	
17. Walkway: MTU (Area measurement)				
17.1 Average value	Walkway	78	50	General area for walkway and/or road and emergency evacuation route; Walkway (outdoor)
17.2 Minimum value		68	25	
18. Walkway: SUP 4 (Area measurement)				
18.1 Average value	Walkway	80	50	General area for walkway and/or road and emergency evacuation route; Walkway (outdoor)
18.2 Minimum value		47	25	

Sources : " Notification of the Department of Labor Protection and Welfare, Subject "Light Intensity Standard" dated February 21, B.E. 2561 (2018).

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**Report No.** : 2022-5004045-1 / 004 (Page 6 of 6) **Issued date:** May 9 2022  
**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
**CONTACT** : [REDACTED]  
**ADDRESS** : 919 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300, 085-756-9114

## Analysis Report

**SAMPLE DESIGNATED AS** : Light Intensity **MEASUREMENT DATE** : April 27, 2022  
**MEASUREMENT LOCATION** : Rojana Power Plant 2, Ayuthaya Province **MEASURED BY** : [REDACTED]

Measurement Location	Activities/ Type of Work	Light Intensity (LUX)	Standard Value"	Standard Condition"
<b>Night Time</b>				
32. STG Turbine	Measuring instrument, gauge valve etc.	360	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
33. STG Generator	Measuring instrument, gauge valve etc.	335	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
34. Water Treatment Plant Control 1	Measuring instrument, gauge valve etc.	522	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
35. Water Treatment Plant Control 2	Measuring instrument, gauge valve etc.	609	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
36. Gas Compressor	Measuring instrument, gauge valve etc.	397	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.

**Sources** : " Notification of the Department of Labor Protection and Welfare, Subject "Light Intensity Standard" dated February 21, B.E. 2561 (2018).

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**Report No.** : 2022-5004045-1 / 004 (Page 5 of 6) **Issued date:** May 9 2022  
**CLIENT** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)  
**CONTACT** : [REDACTED]  
**ADDRESS** : 919 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayuthaya 13210  
Tel. 035-719-300, 085-756-9114

## Analysis Report

**SAMPLE DESIGNATED AS** : Light Intensity **MEASUREMENT DATE** : April 27, 2022  
**MEASUREMENT LOCATION** : Rojana Power Plant 2, Ayuthaya Province **MEASURED BY** : [REDACTED]

Measurement Location	Activities/ Type of Work	Light Intensity (LUX)	Standard Value"	Standard Condition"
<b>Night Time</b>				
25. Walkway: Gas Compressor- Cooling tower (Area measurement) 25.1 Average value	Walkway	64	50	General area for walkway and/or road and emergency evacuation route: Walkway (outdoor)
25.2 Minimum value		52	25	
26. Walkway: WTP-Boundary (Area measurement) 26.1 Average value	Walkway	114	50	General area for walkway and/or road and emergency evacuation route: Walkway (outdoor)
26.2 Minimum value		54	25	
27. Walkway: Cooling tower- Boundary (Area measurement) 27.1 Average value	Walkway	71	50	General area for walkway and/or road and emergency evacuation route: Walkway (outdoor)
27.2 Minimum value		56	25	
28. Office OEG	Computer and Document work	612	400-500	Low line working: Routine work in the office such as writing, typing, data recording, reading and data processing, file storage
29. Control Room (Monitor)	Measuring instrument, gauge valve etc.	437	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
30. Control Room (Control Panel)	Measuring instrument, gauge valve etc.	554	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.
31. Chiller Room	Measuring instrument, gauge valve etc.	350	200-300	Coarse working: Coarse checking by eyes, assembly, counting or checking large package.

**Sources** : " Notification of the Department of Labor Protection and Welfare, Subject "Light Intensity Standard" dated February 21, B.E. 2561 (2018).

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Report No. : 2022-5004045 / 003-1 (Page 1 of 1)

Issued date : May 10, 2022

CLIENT

: ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)

CONTACT

: 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

ADDRESS

Tel. 035-719-300

## Analysis Report

SAMPLE DESIGNATED AS : Heat Stress

MEASUREMENT LOCATION : Rojana Power Plant 2, Ayutthaya Province

MEASUREMENT DATE : April 27, 2022  
MEASURED BY : [REDACTED]

HEAT STRESS MONITOR NO.: HRS# 01 : Model QT34, 3M Thailand Co., Ltd. Serial No. TEM030024

HRS# 02 : Model QT34, 3M Thailand Co., Ltd. Serial No. TEM030025

Stations	Periods	Type	Work Load	Heat Stress (WBGT, °C)
Gas Turbine Generator 1	13:00-15:45 p.m.	Outdoor	Light Work	31.3
Gas Turbine Generator 2	13:00-15:45 p.m.	Outdoor	Light Work	31.1
Standard <sup>1)</sup>		Light work <sup>2)</sup>		not more than 34.0
		Moderate work <sup>2)</sup>		not more than 32.0
		Heavy work <sup>3)</sup>		not more than 30.0

### Remarks :

- Sampling and Analytical Method was followed the Standard Method of National Institute for Occupational Safety and Health (NIOSH)

<sup>1)</sup> Light work : ≤ 200 kcal/hour

<sup>2)</sup> Moderate work : >200-350 kcal/hour

<sup>3)</sup> Heavy work : >350-500 kcal/hour

### Source :

Ministerial Regulation on the Prescribing of Standard for Administration and Management of Occupational Safety, Health and Environment in relation to Heat, Light and Noise, B.E. 2559, published in the Royal Government Gazette, Vol.133 Part 91A, dated October 17, B.E. 2559 (2016).

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