
ภาคผนวก

ภาคผนวก ก

สำเนาหนังสือเห็นชอบจากสผ. และเงื่อนไขที่โครงการ
ต้องปฏิบัติตามรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม



ที่ ทส 1009.7/ 4623

สำนักงานนโยบายและแผน
ทรัพยากรธรรมชาติและสิ่งแวดล้อม
60/1 ซอยพิบูลวัฒนา 7 ถนนพระรามที่ 6
กรุงเทพฯ 10400

23 พฤษภาคม 2554

เรื่อง แจ้งผลการพิจารณารายงานข้อมูลสภาพแวดล้อมปัจจุบันและการขอเปลี่ยนแปลงรายละเอียดโครงการใน
รายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าพลังความร้อนร่วม SPP2 (การขอเปลี่ยนแปลง
ครั้งที่ 1)

เรียน กรรมการผู้จัดการบริษัท โรจนะเพาเวอร์ จำกัด

- อ้างถึง 1. หนังสือบริษัท โรจนะเพาเวอร์ จำกัด ที่ RP2011/014 ลงวันที่ 24 มกราคม 2554
2. หนังสือบริษัท โรจนะเพาเวอร์ จำกัด ที่ RP2011/071 ลงวันที่ 7 เมษายน 2554
3. หนังสือบริษัท โรจนะเพาเวอร์ จำกัด ที่ RP2011/078 ลงวันที่ 28 เมษายน 2554

- สิ่งที่ส่งมาด้วย 1. มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบคุณภาพ
สิ่งแวดล้อมรายงานข้อมูลสภาพแวดล้อมปัจจุบัน และการขอเปลี่ยนแปลงรายละเอียด
โครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าพลังความร้อนร่วม
SPP2 (การขอเปลี่ยนแปลง ครั้งที่ 1) ตั้งอยู่ที่สวนอุตสาหกรรมโรจนะ ระยะที่ 5 ตำบลคานหาม
อำเภออุทัย จังหวัดพระนครศรีอยุธยา ที่บริษัท โรจนะเพาเวอร์ จำกัด ต้องยึดถือปฏิบัติอย่าง
เคร่งครัด
2. แนวทางการเสนอรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
และมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม สำหรับโครงการด้านอุตสาหกรรม
โครงการนิคมอุตสาหกรรมหรือโครงการที่มีลักษณะเดียวกับนิคมอุตสาหกรรมและโครงการ
ด้านพลังงาน

ตามหนังสือที่อ้างถึง 1 - 3 บริษัท โรจนะเพาเวอร์ จำกัด ได้เสนอรายงานข้อมูลสภาพแวดล้อม
ปัจจุบันและการขอเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการ
โรงไฟฟ้าพลังความร้อนร่วม SPP2 (การขอเปลี่ยนแปลง ครั้งที่ 1) ตั้งอยู่ที่สวนอุตสาหกรรมโรจนะ ระยะที่ 5
ตำบลคานหาม อำเภออุทัย จังหวัดพระนครศรีอยุธยา จัดทำรายงานฯ โดยบริษัท ทีม คอนซัลติ้ง เอนจิเนียริ่ง
แอนด์ แมเนจเม้นท์ จำกัด ให้สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อมพิจารณา ความ
ละเอียดแจ้งแล้ว นั้น

สำนักงาน...

- 2 -

สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ได้พิจารณาข้อมูล
สภาพแวดล้อมปัจจุบันและการขอเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม
โครงการโรงไฟฟ้าพลังความร้อนร่วม SPP2 (การขอเปลี่ยนแปลง ครั้งที่ 1) ของบริษัท โรจนะเพาเวอร์ จำกัด
เสนอคณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมด้านโรงไฟฟ้าพลังความร้อน
ในการประชุมครั้งที่ 4/2554 เมื่อวันที่ 24 กุมภาพันธ์ 2554 โดยคณะกรรมการผู้ชำนาญการฯ มีมติให้ความ
เห็นชอบรายงานข้อมูลสภาพแวดล้อมปัจจุบันและการขอเปลี่ยนแปลงรายละเอียดโครงการในรายงานการ
วิเคราะห์ผลกระทบสิ่งแวดล้อมโครงการโรงไฟฟ้าพลังความร้อนร่วม SPP2 (การขอเปลี่ยนแปลงครั้งที่ 1) ของ
บริษัท โรจนะเพาเวอร์ จำกัด โดยให้ปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการ
ติดตามตรวจสอบคุณภาพสิ่งแวดล้อมอย่างเคร่งครัด ดังรายละเอียดในสิ่งที่ส่งมาด้วย 1 สำหรับการรายงานผล
การปฏิบัติตามแผนปฏิบัติการด้านสิ่งแวดล้อมที่นำเสนอไว้ในรายงานฯ ให้เป็นไปตามแนวทางการเสนอรายงาน
ผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบคุณภาพ
สิ่งแวดล้อม ดังรายละเอียดในสิ่งที่ส่งมาด้วย 2 สำนักงานฯ ขอให้บริษัทฯ ประสานบริษัท ทีม คอนซัลติ้ง เอนจิเนียริ่ง
แอนด์ แมเนจเม้นท์ จำกัด จัดทำรายงานฉบับสมบูรณ์พร้อมแผ่นบันทึกข้อมูล (CD-ROM) ในรูปของ Portable
document format (pdf) file ซึ่งได้ดำเนินการตามมติคณะกรรมการผู้ชำนาญการ และจัดทำรายงานผนวก
รวมเล่ม โดยรวบรวมรายละเอียดข้อมูลทั้งหมดตามลำดับการพิจารณาเสนอให้สำนักงานฯ ภายในเวลา 1 เดือน
ทั้งนี้ สำนักงานฯ ได้สำเนาแจ้งบริษัท ทีม คอนซัลติ้ง เอนจิเนียริ่ง แอนด์ แมเนจเม้นท์ จำกัด เพื่อดำเนินการใน
ส่วนที่เกี่ยวข้องต่อไปด้วยแล้ว

จึงเรียนมาเพื่อโปรดทราบและพิจารณาดำเนินการต่อไป

ขอแสดงความนับถือ

รองเลขาธิการ ปฏิบัติราชการแทน

เลขาธิการสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม

สำเนาถูกต้อง

(นางปราณี แสงไทย)
เจ้าพนักงานธุรการชำนาญงาน

สำนักวิเคราะห์ผลกระทบสิ่งแวดล้อม

โทร 0 2265 6628

โทรสาร 0 2265 6616

ภาคผนวก ข

ใบรับรองผลการตรวจวิเคราะห์

ภาคผนวก ข-1

ใบรับรองผลการตรวจวิเคราะห์

คุณภาพอากาศจากปล่องระบาย



Report No. : 2025-500005673-3 / 001-1 (Page 1 of 1)

Issued date: December 20, 2025

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

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

Analysis Report

Sample Type : Emission Air

Sampling Location : HRSG 1 Stack (CTG#1),
Rojana Power Plant 2, Ayutthaya Province

Sampling By : Nawat Chaiload (๓-197-๓-0009)
Winit Khaundee (๓-197-๓-0010)

Laboratory Name : SGS (Thailand) Limited (๓-197)

Sampling Date : November 25, 2025

Sampling Time : 10:10-10:58 hrs. (For TSP)
10:11-10:40 hrs. (For CEMs)

Received Date : November 28, 2025

Analysis Date : December 8-17, 2025

Parameter		Unit	Value	Standard ^{1/}	Standard ^{2/}	Standard ^{3/}	Analytical Method
Stack Diameter		m	3.2	-	-	-	-
Stack Height		m	40.0	-	-	-	-
Stack Temperature		°C	129.2	-	-	-	-
Absolute Stack Pressure		mm.Hg	760.0	-	-	-	-
Air Velocity		m/s	19.95	-	-	-	-
Volumetric Flow Rate at actual O ₂		Nm ³ /hr.	389,255	-	-	-	U.S. EPA Method 2
Moisture		%	9.02	-	-	-	U.S. EPA Method 4
O ₂		%	15.60	-	-	-	U.S. EPA Method 3A
CO ₂		%	2.84	-	-	-	
TSP	at actual O ₂	mg/Nm ³	0.32	-	-	-	U.S. EPA Method 5
	at 7% O ₂	mg/Nm ³	0.83	10	60	320	
	Emission rate	g/sec	0.034	0.91	-	-	
SO ₂	at actual O ₂	ppm	N.D.	-	-	-	U.S. EPA Method 6C
	at 7% O ₂	ppm	N.D.	0.57	20	60	
	Emission rate	g/sec	N.D.	0.05	-	-	
NO _x as NO ₂	at actual O ₂	ppm	15.49	-	-	-	U.S. EPA Method 7E
	at 7% O ₂	ppm	40.63	60	120	200	
	Emission rate	g/sec	3.152	5.48	-	-	
CO	at actual O ₂	ppm	40.03	-	-	-	U.S. EPA Method 10
	at 7% O ₂	ppm	104.98	-	-	690	
	Emission rate	g/sec	4.956	-	-	-	

Remarks :

- N = Normal condition means reference condition at temperature of 25 °C, pressure of 1 atm or 760 mm.Hg, dry basis.
- N.D. = Not Detected, Detection Limit of SO₂ at actual O₂ <0.0001 ppm (<0.00003 g/sec).

Sources :

- 1/ Emission standard of Rojana Power Plant, according to approved EIA of Rojana Power Plant as approval letter No. Tor Sor 1009.7/4623 dated May 24 B.E. 2554 (2011).
- 2/ Emission of Air Pollutant Emission Limits from Power Plants, Notification of the Ministry Industry, B.E. 2549 (2006).
- 3/ Emission of Air Pollutant Emission Limits from Power Plants, Notification of the Ministry Industry, B.E. 2549 (2006).

Reviewed by

(Phatsakorn Soonthornwiphat)

Technical Specialist Section Head

License ID: ๓-197-๓-0004

Approved by

(Thepsara Yommana)

Technical Specialist Manager

License ID: ๓-197-๓-0005

TY/OC/KK/KK



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Report No. : 2025-500005673-3 / 001-2 (Page 1 of 1)

Issued date: December 20, 2025

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

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

Analysis Report

Sample Type : Emission Air

Sampling Location : HRSG 2 Stack (CTG#2),
Rojana Power Plant 2, Ayutthaya Province

Sampling By : Nawat Chailloed (๓-197-๓-0009)
Winit Khaundee (๓-197-๓-0010)

Laboratory Name : SGS (Thailand) Limited (๓-197)

Sampling Date : November 24, 2025

Sampling Time : 11:15-12:03 hrs. (For TSP)
11:16-11:45 hrs. (For CEMs)

Received Date : November 28, 2025

Analysis Date : December 8-17, 2025

Parameter		Unit	Value	Standard ^{1/}	Standard ^{2/}	Standard ^{3/}	Analytical Method
Stack Diameter		m	3.2	-	-	-	-
Stack Height		m	40.0	-	-	-	-
Stack Temperature		°C	132.4	-	-	-	-
Absolute Stack Pressure		mm.Hg	759.3	-	-	-	-
Air Velocity		m/s	20.85	-	-	-	-
Volumetric Flow Rate at actual O ₂		Nm ³ /hr.	404,870	-	-	-	U.S. EPA Method 2
Moisture		%	8.66	-	-	-	U.S. EPA Method 4
O ₂		%	15.63	-	-	-	U.S. EPA Method 3A
CO ₂		%	2.87	-	-	-	
TSP	at actual O ₂	mg/Nm ³	0.38	-	-	-	U.S. EPA Method 5
	at 7% O ₂	mg/Nm ³	1.00	10	60	320	
	Emission rate	g/sec	0.043	0.91	-	-	
SO ₂	at actual O ₂	ppm	N.D.	-	-	-	U.S. EPA Method 6C
	at 7% O ₂	ppm	N.D.	0.57	20	60	
	Emission rate	g/sec	N.D.	0.05	-	-	
NO _x as NO ₂	at actual O ₂	ppm	13.02	-	-	-	U.S. EPA Method 7E
	at 7% O ₂	ppm	34.33	60	120	200	
	Emission rate	g/sec	2.755	5.48	-	-	
CO	at actual O ₂	ppm	30.76	-	-	-	U.S. EPA Method 10
	at 7% O ₂	ppm	81.11	-	-	690	
	Emission rate	g/sec	3.962	-	-	-	

Remarks :

- N = Normal condition means reference condition at temperature of 25 °C, pressure of 1 atm or 760 mm.Hg, dry basis.
- N.D. = Not Detected, Detection Limit of SO₂ at actual O₂ <0.0001 ppm (<0.00003 g/sec).

Sources :

- 1/ Emission standard of Rojana Power Plant, according to approved EIA of Rojana Power Plant as approval letter No. Tor Sor 1009.7/4623 dated May 24 B.E. 2554 (2011).
- 2/ Emission standard for Determination of Air Pollutant Emission Limits from Power Plants, Notification of the Ministry Industry, B.E. 2567 (2024).
- 3/ [Redacted] Notification of the Ministry of Industry, B.E. 2549 (2006).

Reviewed by [Redacted]

(Phatsakorn Soonthornwiphat)

Technical Specialist Section Head

License ID: ๓-197-๓-0004

Approved by [Redacted]

(Thepsak Yommana)

Technical Specialist Manager

License ID: ๓-197-๓-0005

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ภาคผนวก ข-2

ใบรับรองผลการตรวจวิเคราะห์
คุณภาพอากาศในบรรยากาศโดยทั่วไป



Report No. : 2025-500005673-3/ 002-1 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : วัดโตนดเตี้ย Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Sampling Date	Parameter	
	TSP (mg/m³)	PM-10 (mg/m³)
Nov 24-25, 2025	0.048	0.030
Nov 25-26, 2025	0.074	0.037
Nov 26-27, 2025	0.055	0.036
Nov 27-28, 2025	0.085	0.020
Nov 28-29, 2025	0.083	0.040
Nov 29-30, 2025	0.098	0.051
Nov 30-Dec 1, 2025	0.087	0.061
Standard*	≤0.33	≤0.12

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



Report No. : 2025-500005673-3/ 002-1 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : วัดโตนดเตี้ย Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Sampling Date	Parameter	
	Ozone (O ₃) (1 hr.) (ppm)	
Nov 24-25, 2025	0.047	
Nov 25-26, 2025	0.049	
Nov 26-27, 2025	0.051	
Nov 27-28, 2025	0.045	
Nov 28-29, 2025	0.051	
Nov 29-30, 2025	0.043	
Nov 30-Dec 1, 2025	0.049	
Standard*	≤0.10	

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

TY/OJ/KK/KK

Approved by 
(Thepsan Yommana)
Technical Specialist Manager
SGS (THAILAND) LIMITED

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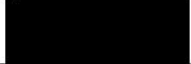
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Approved by 
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Technical Specialist Manager
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Report No. : 2025-500005673-3/ 002-1 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : วัดโตนดเตี้ย Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Time	NO ₂ Concentration (ppm)						
	Nov 24-25, 2025	Nov 25-26, 2025	Nov 26-27, 2025	Nov 27-28, 2025	Nov 28-29, 2025	Nov 29-30, 2025	Nov 30-Dec 1, 2025
11:00-12:00	0.005	0.010	0.006	0.005	0.004	0.008	0.008
12:00-13:00	0.008	0.012	0.006	0.005	0.007	0.005	0.012
13:00-14:00	0.007	0.011	0.007	0.010	0.011	0.005	0.015
14:00-15:00	0.009	0.006	0.016	0.012	0.010	0.010	0.012
15:00-16:00	0.011	0.013	0.011	0.014	0.012	0.006	0.016
16:00-17:00	0.014	0.012	0.014	0.011	0.018	0.015	0.011
17:00-18:00	0.013	0.012	0.016	0.012	0.017	0.009	0.009
18:00-19:00	0.013	0.010	0.010	0.015	0.017	0.011	0.008
19:00-20:00	0.010	0.011	0.009	0.014	0.015	0.007	0.006
20:00-21:00	0.007	0.010	0.010	0.015	0.013	0.012	0.006
21:00-22:00	0.005	0.010	0.010	0.010	0.010	0.013	0.006
22:00-23:00	0.004	0.013	0.008	0.008	0.011	0.013	0.005
23:00-00:00	0.013	0.012	0.015	0.009	0.011	0.009	0.005
00:00-01:00	0.012	0.013	0.012	0.008	0.009	0.010	0.007
01:00-02:00	0.011	0.012	0.012	0.009	0.009	0.008	0.007
02:00-03:00	0.007	0.013	0.012	0.010	0.013	0.005	0.007
03:00-04:00	0.012	0.013	0.011	0.010	0.012	0.007	0.008
04:00-05:00	0.016	0.014	0.006	0.011	0.015	0.008	0.009
05:00-06:00	0.008	0.013	0.005	0.010	0.017	0.007	0.011
06:00-07:00	0.013	0.010	0.009	0.009	0.013	0.006	0.010
07:00-08:00	0.009	0.011	0.016	0.006	0.006	0.006	0.014
08:00-09:00	0.003	0.010	0.009	0.004	0.004	0.007	0.009
09:00-10:00	0.003	0.006	0.010	0.007	0.004	0.003	0.003
10:00-11:00	0.006	0.006	0.008	0.005	0.010	0.011	0.004
1 hr.-Minimum	0.003	0.006	0.005	0.004	0.004	0.003	0.003
1 hr.-Maximum	0.016	0.014	0.016	0.015	0.018	0.015	0.016
Standard* (avg. 1 hr.)	≤0.17						

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

Approved by

(Thepsan Yommana)

Technical Specialist Manager



TY/OJ/KK/KK

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Report No. : 2025-500005673-3/ 002-1 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : วัดโตนดเตี้ย Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Time	SO ₂ Concentration (ppm)						
	Nov 24-25, 2025	Nov 25-26, 2025	Nov 26-27, 2025	Nov 27-28, 2025	Nov 28-29, 2025	Nov 29-30, 2025	Nov 30-Dec 1, 2025
11:00-12:00	0.002	0.006	0.004	0.002	0.002	0.001	0.003
12:00-13:00	0.005	0.002	0.001	0.002	0.003	0.002	0.004
13:00-14:00	0.003	0.003	0.002	0.003	0.005	0.001	0.005
14:00-15:00	0.003	0.002	0.002	0.003	0.004	0.003	0.004
15:00-16:00	0.003	0.003	0.003	0.004	0.006	0.002	0.003
16:00-17:00	0.004	0.003	0.003	0.003	0.002	0.004	0.005
17:00-18:00	0.004	0.002	0.005	0.003	0.003	0.003	0.004
18:00-19:00	0.003	0.004	0.004	0.003	0.003	0.004	0.005
19:00-20:00	0.005	0.003	0.001	0.004	0.004	0.001	0.003
20:00-21:00	0.001	0.002	0.002	0.003	0.003	0.005	0.001
21:00-22:00	0.002	0.002	0.003	0.003	0.003	0.003	0.001
22:00-23:00	0.004	0.003	0.001	0.002	0.004	0.002	0.002
23:00-00:00	0.005	0.002	0.003	0.001	0.004	0.005	0.003
00:00-01:00	0.005	0.002	0.005	0.001	0.002	0.002	0.002
01:00-02:00	0.003	0.002	0.005	0.002	0.002	0.001	0.003
02:00-03:00	0.001	0.003	0.004	0.003	0.003	0.002	0.002
03:00-04:00	0.005	0.003	0.005	0.005	0.002	0.001	0.002
04:00-05:00	0.002	0.001	0.001	0.004	0.003	0.002	0.004
05:00-06:00	0.006	0.002	0.003	0.003	0.004	0.003	0.003
06:00-07:00	0.003	0.003	0.003	0.002	0.002	0.002	0.004
07:00-08:00	0.004	0.003	0.002	0.001	0.002	0.001	0.004
08:00-09:00	0.004	0.004	0.005	0.002	0.003	0.002	0.002
09:00-10:00	0.003	0.002	0.004	0.003	0.001	0.002	0.003
10:00-11:00	0.001	0.002	0.001	0.002	0.002	0.003	0.001
1 hr.-Minimum	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1 hr.-Maximum	0.006	0.006	0.005	0.005	0.006	0.005	0.005
Average 24 hrs.	0.003	0.003	0.003	0.003	0.003	0.002	0.003
Standard* (avg. 1 hr.)	≤0.30						
Standard** (avg. 24 hrs.)	≤0.12						

Surces : * Notification of the National Environment Board No. 21, B.E. 2544 (2001).
** Notification of the National Environment Board No. 24, B.E. 2547 (2004).

Approved by

(Thepsan Yommana)

Technical Specialist Manager



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Report No. : 2025-500005673-3/ 002-2 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : อปต. บ้านช้าง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Sampling Date	Parameter	
	TSP (mg/m³)	PM-10 (mg/m³)
Nov 24-25, 2025	0.062	0.032
Nov 25-26, 2025	0.078	0.034
Nov 26-27, 2025	0.046	0.030
Nov 27-28, 2025	0.083	0.047
Nov 28-29, 2025	0.068	0.024
Nov 29-30, 2025	0.069	0.056
Nov 30-Dec 1, 2025	0.157	0.058
Standard*	≤0.33	≤0.12

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



Report No. : 2025-500005673-3/ 002-2 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : อปต. บ้านช้าง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Sampling Date	Parameter	
	Ozone (O ₃) (1 hr.) (ppm)	
Nov 24-25, 2025	0.021	
Nov 25-26, 2025	0.032	
Nov 26-27, 2025	0.035	
Nov 27-28, 2025	0.033	
Nov 28-29, 2025	0.030	
Nov 29-30, 2025	0.030	
Nov 30-Dec 1, 2025	0.029	
Standard*	≤0.10	

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

Approved by 
(Thepsan Yommana)
Technical Specialist Manager
SGS (THAILAND) LIMITED

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Approved by 
(Thepsan Yommana)
Technical Specialist Manager
SGS (THAILAND) LIMITED

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Report No. : 2025-500005673-3/ 002-2 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : อปต. บ้านช้าง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Time	NO ₂ Concentration (ppm)						
	Nov 24-25, 2025	Nov 25-26, 2025	Nov 26-27, 2025	Nov 27-28, 2025	Nov 28-29, 2025	Nov 29-30, 2025	Nov 30-Dec 1, 2025
11:00-12:00	0.012	0.014	0.014	0.010	0.014	0.009	0.009
12:00-13:00	0.012	0.011	0.014	0.008	0.010	0.013	0.011
13:00-14:00	0.012	0.012	0.014	0.008	0.009	0.011	0.009
14:00-15:00	0.014	0.011	0.011	0.010	0.009	0.012	0.010
15:00-16:00	0.011	0.009	0.011	0.009	0.009	0.010	0.014
16:00-17:00	0.011	0.010	0.010	0.011	0.011	0.011	0.012
17:00-18:00	0.010	0.010	0.008	0.008	0.011	0.012	0.014
18:00-19:00	0.014	0.009	0.008	0.012	0.014	0.008	0.011
19:00-20:00	0.014	0.014	0.012	0.010	0.009	0.008	0.011
20:00-21:00	0.012	0.015	0.010	0.010	0.008	0.008	0.010
21:00-22:00	0.014	0.013	0.008	0.010	0.009	0.008	0.008
22:00-23:00	0.014	0.013	0.013	0.011	0.011	0.009	0.008
23:00-00:00	0.013	0.012	0.014	0.010	0.011	0.012	0.008
00:00-01:00	0.016	0.011	0.014	0.010	0.009	0.009	0.010
01:00-02:00	0.015	0.010	0.014	0.011	0.014	0.009	0.015
02:00-03:00	0.016	0.008	0.012	0.012	0.014	0.009	0.014
03:00-04:00	0.013	0.007	0.010	0.009	0.010	0.007	0.013
04:00-05:00	0.013	0.015	0.014	0.009	0.011	0.007	0.010
05:00-06:00	0.012	0.014	0.012	0.011	0.011	0.008	0.010
06:00-07:00	0.011	0.014	0.014	0.013	0.012	0.009	0.012
07:00-08:00	0.010	0.012	0.013	0.008	0.012	0.010	0.015
08:00-09:00	0.008	0.015	0.014	0.009	0.011	0.010	0.015
09:00-10:00	0.008	0.014	0.011	0.010	0.011	0.007	0.008
10:00-11:00	0.011	0.013	0.014	0.014	0.009	0.009	0.008
1 hr.-Minimum	0.008	0.007	0.008	0.008	0.008	0.007	0.008
1 hr.-Maximum	0.016	0.015	0.014	0.014	0.014	0.013	0.015
Standard* (avg. 1 hr.)	≤0.17						

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

Approved by

(Thespan/Yommana)

Technical Specialist Manager



TY/OJ/KK/KK

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Report No. : 2025-500005673-3/ 002-2 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : อปต. บ้านช้าง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Time	SO ₂ Concentration (ppm)						
	Nov 24-25, 2025	Nov 25-26, 2025	Nov 26-27, 2025	Nov 27-28, 2025	Nov 28-29, 2025	Nov 29-30, 2025	Nov 30-Dec 1, 2025
11:00-12:00	0.002	0.003	0.004	0.004	0.003	0.003	0.003
12:00-13:00	0.002	0.003	0.004	0.004	0.002	0.003	0.003
13:00-14:00	0.002	0.003	0.004	0.003	0.003	0.003	0.003
14:00-15:00	0.003	0.003	0.004	0.003	0.003	0.004	0.002
15:00-16:00	0.003	0.003	0.004	0.003	0.002	0.003	0.003
16:00-17:00	0.003	0.003	0.004	0.003	0.004	0.004	0.004
17:00-18:00	0.003	0.003	0.005	0.005	0.004	0.004	0.003
18:00-19:00	0.002	0.003	0.005	0.005	0.005	0.005	0.003
19:00-20:00	0.002	0.003	0.005	0.005	0.004	0.005	0.004
20:00-21:00	0.002	0.003	0.004	0.004	0.005	0.005	0.004
21:00-22:00	0.002	0.003	0.004	0.004	0.004	0.005	0.004
22:00-23:00	0.004	0.003	0.005	0.004	0.004	0.003	0.003
23:00-00:00	0.003	0.004	0.005	0.003	0.003	0.003	0.003
00:00-01:00	0.003	0.004	0.005	0.003	0.003	0.003	0.003
01:00-02:00	0.003	0.004	0.003	0.002	0.003	0.003	0.003
02:00-03:00	0.004	0.005	0.003	0.004	0.005	0.003	0.002
03:00-04:00	0.004	0.005	0.003	0.004	0.005	0.003	0.002
04:00-05:00	0.004	0.005	0.003	0.005	0.005	0.003	0.002
05:00-06:00	0.004	0.005	0.003	0.004	0.003	0.002	0.004
06:00-07:00	0.003	0.005	0.003	0.005	0.003	0.002	0.004
07:00-08:00	0.003	0.004	0.003	0.005	0.003	0.002	0.004
08:00-09:00	0.003	0.004	0.003	0.005	0.003	0.002	0.004
09:00-10:00	0.003	0.005	0.003	0.005	0.003	0.003	0.002
10:00-11:00	0.003	0.005	0.004	0.003	0.003	0.003	0.002
1 hr.-Minimum	0.002	0.003	0.003	0.002	0.002	0.002	0.002
1 hr.-Maximum	0.004	0.005	0.005	0.005	0.005	0.005	0.004
Average 24 hrs.	0.003	0.004	0.004	0.004	0.003	0.003	0.003
Standard* (avg. 1 hr.)	≤0.30						
Standard** (avg. 24 hrs.)	≤0.12						

Surces : * Notification of the National Environment Board No. 21, B.E. 2544 (2001).
** Notification of the National Environment Board No. 24, B.E. 2547 (2004).

Approved by

(Thespan/Yommana)

Technical Specialist Manager



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Report No. : 2025-500005673-3/ 002-3 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : บ้านหนองไม้ซุง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Sampling Date	Parameter	
	TSP (mg/m³)	PM-10 (mg/m³)
Nov 24-25, 2025	0.052	0.051
Nov 25-26, 2025	0.067	0.043
Nov 26-27, 2025	0.066	0.041
Nov 27-28, 2025	0.076	0.046
Nov 28-29, 2025	0.068	0.042
Nov 29-30, 2025	0.088	0.060
Nov 30-Dec 1, 2025	0.084	0.040
Standard*	≤0.33	≤0.12

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



Report No. : 2025-500005673-3/ 002-3 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : บ้านหนองไม้ซุง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Sampling Date	Parameter	
	Ozone (O ₃) (1 hr.) (ppm)	
Nov 24-25, 2025	0.022	
Nov 25-26, 2025	0.030	
Nov 26-27, 2025	0.033	
Nov 27-28, 2025	0.032	
Nov 28-29, 2025	0.028	
Nov 29-30, 2025	0.026	
Nov 30-Dec 1, 2025	0.024	
Standard*	≤0.10	

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

TY/OJ/KK/KK



Approved by [Signature]
(Thepsan Yommana)
Technical Specialist Manager

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Approved by [Signature]
(Thepsan Yommana)
Technical Specialist Manager

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Report No. : 2025-500005673-3/ 002-3 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : บ้านหนองไม้ซุง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Time	NO ₂ Concentration (ppm)						
	Nov 24-25, 2025	Nov 25-26, 2025	Nov 26-27, 2025	Nov 27-28, 2025	Nov 28-29, 2025	Nov 29-30, 2025	Nov 30-Dec 1, 2025
11:00-12:00	0.009	0.011	0.012	0.008	0.013	0.012	0.014
12:00-13:00	0.009	0.009	0.009	0.010	0.016	0.011	0.014
13:00-14:00	0.013	0.014	0.009	0.015	0.015	0.010	0.014
14:00-15:00	0.011	0.014	0.009	0.014	0.016	0.006	0.012
15:00-16:00	0.008	0.010	0.007	0.013	0.013	0.007	0.010
16:00-17:00	0.008	0.010	0.007	0.010	0.013	0.015	0.014
17:00-18:00	0.010	0.011	0.007	0.010	0.012	0.014	0.012
18:00-19:00	0.012	0.012	0.009	0.012	0.011	0.014	0.014
19:00-20:00	0.007	0.012	0.010	0.015	0.010	0.012	0.013
20:00-21:00	0.008	0.011	0.010	0.015	0.008	0.015	0.014
21:00-22:00	0.009	0.011	0.010	0.008	0.008	0.014	0.011
22:00-23:00	0.013	0.009	0.009	0.008	0.011	0.013	0.014
23:00-00:00	0.013	0.009	0.009	0.012	0.014	0.014	0.010
00:00-01:00	0.009	0.013	0.011	0.012	0.011	0.014	0.008
01:00-02:00	0.008	0.012	0.009	0.012	0.012	0.014	0.008
02:00-03:00	0.008	0.014	0.014	0.014	0.012	0.011	0.009
03:00-04:00	0.008	0.010	0.014	0.011	0.009	0.011	0.008
04:00-05:00	0.010	0.011	0.012	0.011	0.009	0.010	0.010
05:00-06:00	0.010	0.012	0.014	0.010	0.009	0.008	0.008
06:00-07:00	0.013	0.008	0.011	0.014	0.008	0.008	0.012
07:00-08:00	0.008	0.008	0.011	0.014	0.014	0.012	0.010
08:00-09:00	0.009	0.008	0.010	0.012	0.015	0.010	0.010
09:00-10:00	0.008	0.012	0.008	0.014	0.013	0.008	0.010
10:00-11:00	0.011	0.012	0.008	0.014	0.013	0.013	0.011
1 hr.-Minimum	0.007	0.008	0.007	0.008	0.008	0.006	0.008
1 hr.-Maximum	0.013	0.014	0.014	0.015	0.016	0.015	0.014
Standard* (avg. 1 hr.)	≤0.17						

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

Approved by

(ThepsanYommana)

Technical Specialist Manager



TY/OJ/KK/KK

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Report No. : 2025-500005673-3/ 002-3 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : บ้านหนองไม้ซุง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Time	SO ₂ Concentration (ppm)						
	Nov 24-25, 2025	Nov 25-26, 2025	Nov 26-27, 2025	Nov 27-28, 2025	Nov 28-29, 2025	Nov 29-30, 2025	Nov 30-Dec 1, 2025
11:00-12:00	0.004	0.004	0.003	0.004	0.003	0.004	0.004
12:00-13:00	0.004	0.004	0.003	0.004	0.003	0.004	0.004
13:00-14:00	0.004	0.004	0.003	0.005	0.005	0.003	0.005
14:00-15:00	0.003	0.004	0.004	0.005	0.005	0.003	0.004
15:00-16:00	0.003	0.004	0.004	0.005	0.004	0.003	0.005
16:00-17:00	0.003	0.003	0.004	0.005	0.003	0.003	0.005
17:00-18:00	0.003	0.003	0.003	0.004	0.003	0.003	0.003
18:00-19:00	0.004	0.003	0.003	0.004	0.004	0.004	0.003
19:00-20:00	0.004	0.003	0.003	0.004	0.003	0.004	0.004
20:00-21:00	0.002	0.005	0.002	0.003	0.004	0.004	0.004
21:00-22:00	0.002	0.005	0.002	0.003	0.003	0.004	0.004
22:00-23:00	0.002	0.005	0.003	0.003	0.003	0.003	0.005
23:00-00:00	0.003	0.003	0.003	0.004	0.003	0.004	0.005
00:00-01:00	0.003	0.003	0.004	0.002	0.005	0.003	0.005
01:00-02:00	0.003	0.003	0.005	0.004	0.005	0.003	0.005
02:00-03:00	0.004	0.004	0.005	0.004	0.004	0.004	0.004
03:00-04:00	0.004	0.004	0.005	0.003	0.004	0.004	0.004
04:00-05:00	0.004	0.004	0.004	0.005	0.004	0.004	0.004
05:00-06:00	0.004	0.002	0.004	0.004	0.004	0.003	0.003
06:00-07:00	0.004	0.002	0.004	0.003	0.004	0.002	0.003
07:00-08:00	0.003	0.003	0.003	0.003	0.005	0.002	0.003
08:00-09:00	0.003	0.003	0.003	0.004	0.005	0.002	0.003
09:00-10:00	0.003	0.004	0.004	0.004	0.004	0.004	0.004
10:00-11:00	0.005	0.004	0.004	0.003	0.004	0.004	0.004
1 hr.-Minimum	0.002	0.002	0.002	0.002	0.003	0.002	0.003
1 hr.-Maximum	0.005	0.005	0.005	0.005	0.005	0.004	0.005
Average 24 hrs.	0.003	0.004	0.004	0.004	0.004	0.003	0.004
Standard* (avg. 1 hr.)	≤0.30						
Standard** (avg. 24 hrs.)	≤0.12						

Surces : * Notification of the National Environment Board No. 21, B.E. 2544 (2001).
** Notification of the National Environment Board No. 24, B.E. 2547 (2004).

Approved by

(ThepsanYommana)

Technical Specialist Manager



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Report No. : 2025-500005673-3/ 002-4 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : วัดบ้านช้าง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Sampling Date	Parameter	
	TSP (mg/m ³)	PM-10 (mg/m ³)
Nov 24-25, 2025	0.096	0.019
Nov 25-26, 2025	0.082	0.019
Nov 26-27, 2025	0.082	0.021
Nov 27-28, 2025	0.085	0.026
Nov 28-29, 2025	0.078	0.019
Nov 29-30, 2025	0.059	0.035
Nov 30-Dec 1, 2025	0.055	0.021
Standard*	≤0.33	≤0.12

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



Report No. : 2025-500005673-3/ 002-4 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : วัดบ้านช้าง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Sampling Date	Parameter	
	Ozone (O ₃) (1 hr.) (ppm)	
Nov 24-25, 2025	0.015	
Nov 25-26, 2025	0.022	
Nov 26-27, 2025	0.024	
Nov 27-28, 2025	0.028	
Nov 28-29, 2025	0.025	
Nov 29-30, 2025	0.029	
Nov 30-Dec 1, 2025	0.027	
Standard*	≤0.10	

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

Approved by _____
(ThepsanYommana)
Technical Specialist Manager



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Technical Specialist Manager



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Report No. : 2025-500005673-3/ 002-4 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : วัดบ้านช้าง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Time	NO ₂ Concentration (ppm)						
	Nov 24-25, 2025	Nov 25-26, 2025	Nov 26-27, 2025	Nov 27-28, 2025	Nov 28-29, 2025	Nov 29-30, 2025	Nov 30-Dec 1, 2025
11:00-12:00	0.013	0.009	0.008	0.010	0.009	0.009	0.008
12:00-13:00	0.012	0.016	0.005	0.010	0.012	0.012	0.010
13:00-14:00	0.013	0.015	0.004	0.013	0.016	0.015	0.007
14:00-15:00	0.011	0.011	0.006	0.008	0.008	0.015	0.007
15:00-16:00	0.013	0.012	0.007	0.014	0.010	0.015	0.014
16:00-17:00	0.008	0.013	0.009	0.013	0.006	0.013	0.012
17:00-18:00	0.006	0.006	0.008	0.012	0.005	0.011	0.010
18:00-19:00	0.011	0.005	0.007	0.013	0.004	0.011	0.012
19:00-20:00	0.011	0.008	0.007	0.013	0.004	0.010	0.010
20:00-21:00	0.004	0.010	0.009	0.012	0.007	0.010	0.010
21:00-22:00	0.008	0.007	0.013	0.008	0.011	0.010	0.012
22:00-23:00	0.016	0.013	0.016	0.007	0.009	0.012	0.015
23:00-00:00	0.010	0.009	0.005	0.011	0.007	0.012	0.013
00:00-01:00	0.011	0.010	0.003	0.006	0.006	0.006	0.011
01:00-02:00	0.018	0.012	0.002	0.006	0.004	0.008	0.009
02:00-03:00	0.013	0.013	0.002	0.005	0.003	0.008	0.010
03:00-04:00	0.008	0.012	0.002	0.003	0.011	0.007	0.016
04:00-05:00	0.007	0.011	0.002	0.009	0.008	0.012	0.015
05:00-06:00	0.014	0.012	0.002	0.001	0.013	0.009	0.018
06:00-07:00	0.015	0.005	0.003	0.005	0.005	0.007	0.016
07:00-08:00	0.011	0.006	0.004	0.006	0.006	0.007	0.011
08:00-09:00	0.016	0.009	0.003	0.008	0.008	0.009	0.011
09:00-10:00	0.010	0.008	0.004	0.010	0.007	0.009	0.020
10:00-11:00	0.007	0.006	0.006	0.009	0.010	0.009	0.023
1 hr.-Minimum	0.004	0.005	0.002	0.001	0.003	0.006	0.007
1 hr.-Maximum	0.018	0.016	0.016	0.014	0.016	0.015	0.023
Standard* (avg. 1 hr.)	≤0.17						

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

Approved by

(Thepsan Yommana)

Technical Specialist Manager



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Report No. : 2025-500005673-3/ 002-4 (Page 1 of 6) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Ambient Air Sampling Date : November 24-December 1, 2025
Sampling Location : วัดบ้านช้าง Received Date : December 2, 2025
Sampling By : Oran Boonphan Analysis Date : December 2-17, 2025
Laboratory Name : SGS (Thailand) Limited

Time	SO ₂ Concentration (ppm)						
	Nov 24-25, 2025	Nov 25-26, 2025	Nov 26-27, 2025	Nov 27-28, 2025	Nov 28-29, 2025	Nov 29-30, 2025	Nov 30-Dec 1, 2025
11:00-12:00	0.003	0.003	0.001	0.004	0.002	0.003	0.001
12:00-13:00	0.002	0.003	0.002	0.002	0.002	0.002	0.002
13:00-14:00	0.001	0.004	0.004	0.003	0.003	0.002	0.001
14:00-15:00	0.001	0.003	0.005	0.004	0.001	0.002	0.003
15:00-16:00	0.003	0.003	0.002	0.003	0.001	0.001	0.002
16:00-17:00	0.002	0.003	0.003	0.001	0.002	0.001	0.003
17:00-18:00	0.002	0.004	0.005	0.004	0.003	0.002	0.002
18:00-19:00	0.001	0.004	0.005	0.003	0.003	0.001	0.003
19:00-20:00	0.001	0.004	0.003	0.004	0.001	0.002	0.003
20:00-21:00	0.002	0.004	0.002	0.004	0.002	0.002	0.001
21:00-22:00	0.003	0.005	0.004	0.004	0.001	0.002	0.002
22:00-23:00	0.002	0.004	0.002	0.003	0.001	0.001	0.005
23:00-00:00	0.001	0.002	0.003	0.001	0.002	0.002	0.004
00:00-01:00	0.001	0.001	0.002	0.002	0.003	0.002	0.004
01:00-02:00	0.001	0.003	0.004	0.002	0.001	0.001	0.002
02:00-03:00	0.001	0.001	0.002	0.001	0.001	0.002	0.001
03:00-04:00	0.001	0.002	0.004	0.001	0.002	0.002	0.001
04:00-05:00	0.001	0.003	0.005	0.002	0.001	0.001	0.001
05:00-06:00	0.001	0.001	0.003	0.002	0.002	0.002	0.002
06:00-07:00	0.001	0.003	0.005	0.001	0.001	0.001	0.001
07:00-08:00	0.001	0.004	0.003	0.001	0.003	0.002	0.001
08:00-09:00	0.001	0.001	0.004	0.002	0.003	0.001	0.001
09:00-10:00	0.001	0.001	0.002	0.001	0.001	0.002	0.002
10:00-11:00	0.001	0.002	0.005	0.001	0.001	0.002	0.002
1 hr.-Minimum	0.001	0.001	0.001	0.001	0.001	0.001	0.001
1 hr.-Maximum	0.003	0.005	0.005	0.004	0.003	0.003	0.005
Average 24 hrs.	0.001	0.003	0.003	0.002	0.002	0.002	0.002
Standard* (avg. 1 hr.)	≤0.30						
Standard** (avg. 24 hr.)	≤0.12						

Surces : * Notification of the National Environment Board No. 21, B.E. 2544 (2001).
** Notification of the National Environment Board No. 24, B.E. 2547 (2004).

Approved by

(Thepsan Yommana)

Technical Specialist Manager



TY/OJ/KK/KK

LABORATORY ADDRESS: 1/209, and 1/211 Moo1, Soi Sukhumvit 2, Banchang, Rayong, 21130

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Report No. : 2025-500006573-3 / 003-1 (Page 1 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : วัดโดนดเตี้ย Measured By : Oran Boonphan

Time	Nov 24-25, 2025		Nov 25-26, 2025		Nov 26-27, 2025		Nov 27-28, 2025		Nov 28-29, 2025		Nov 29-30, 2025		Nov 30-Dec 1, 2025	
	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)
11:00-12:00	SE	0.9	E	0.9	-	Calm	-	Calm	-	Calm	WNW	0.9	N	0.9
12:00-13:00	N	0.9	-	Calm	-	Calm	-	Calm	-	Calm	WNW	0.9	N	0.9
13:00-14:00	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	WNW	0.9	-	Calm
14:00-15:00	-	Calm	-	Calm	N	0.9	NNE	0.9	-	Calm	N	1.3	NNW	0.9
15:00-16:00	-	Calm	NE	0.9	NNE	0.9	NNE	1.3	NW	0.9	NNE	0.9	-	Calm
16:00-17:00	-	Calm	-	Calm	-	Calm	NNE	1.3	-	Calm	-	Calm	-	Calm
17:00-18:00	N	0.9	-	Calm	-	Calm	NE	0.9	-	Calm	-	Calm	-	Calm
18:00-19:00	-	Calm	NE	0.9	-	Calm	NE	0.9	-	Calm	-	Calm	-	Calm
19:00-20:00	-	Calm	N	0.9	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm
20:00-21:00	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	N	0.9	-	Calm
21:00-22:00	NNE	0.9	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm
22:00-23:00	-	Calm	-	Calm	E	0.9	NE	0.9	-	Calm	-	Calm	-	Calm
23:00-00:00	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	NNW	0.9
00:00-01:00	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	NNE	0.9	NNW	0.9
01:00-02:00	-	Calm	-	Calm	-	Calm	-	Calm	N	0.9	N	0.9	-	Calm
02:00-03:00	-	Calm	-	Calm	-	Calm	-	Calm	N	0.9	N	0.9	-	Calm
03:00-04:00	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm
04:00-05:00	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm	-	Calm
05:00-06:00	-	Calm	-	Calm	E	0.9	N	0.9	-	Calm	-	Calm	NE	0.9
06:00-07:00	ENE	0.9	E	0.9	E	1.3	N	0.9	-	Calm	-	Calm	-	Calm
07:00-08:00	-	Calm	ENE	0.9	E	0.9	E	0.9	-	Calm	N	0.9	-	Calm
08:00-09:00	-	Calm	E	0.9	ESE	0.9	N	0.9	N	0.9	N	0.9	-	Calm
09:00-10:00	E	0.9	E	0.9	E	1.3	W	0.9	N	0.9	N	0.9	-	Calm
10:00-11:00	E	0.9	-	Calm	E	0.9	N	0.9	WNW	1.3	N	0.9	-	Calm

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

Approved by _____
(Thepsan Yommana)
Technical Specialist Manager



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Report No. : 2025-500006573-3 / 003-1 (Page 2 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : วัดโดนดเตี้ย Measured By : Oran Boonphan

Wind Speed 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	12.50	0.60	-	-	-
NNE	2.98	1.19	-	-	-
NE	3.57	-	-	-	-
ENE	1.19	-	-	-	-
E	6.55	1.19	-	-	-
ESE	0.60	-	-	-	-
SE	0.60	-	-	-	-
SSE	-	-	-	-	-
S	-	-	-	-	-
SSW	-	-	-	-	-
SW	-	-	-	-	-
WSW	-	-	-	-	-
W	0.60	-	-	-	-
WNW	1.79	0.60	-	-	-
NW	0.60	-	-	-	-
NNW	1.79	-	-	-	-
CALMS	63.69				

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

Approved by _____
(Thepsan Yommana)
Technical Specialist Manager



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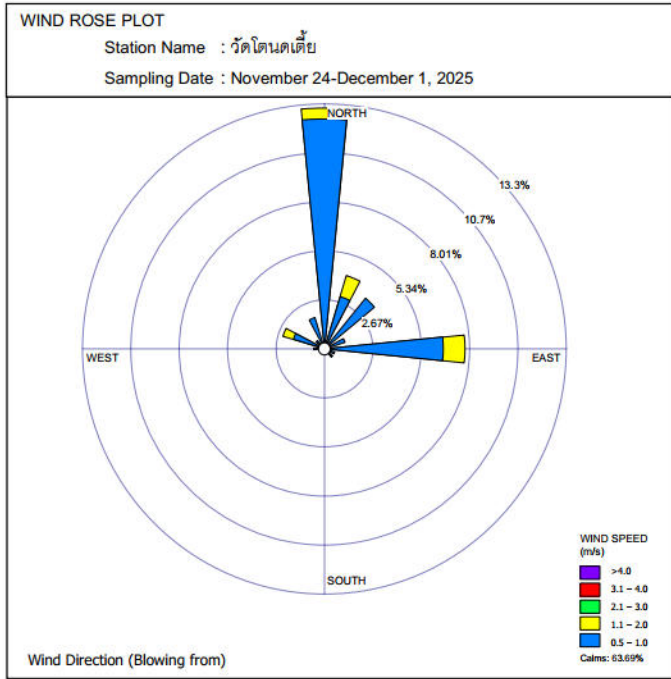
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Report No. : 2025-500006573-3 / 003-1 (Page 3 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : วัดโดนต๊ตี่ Measured By : Oran Boonphan



Approved by _____
(Thepsan Yommana)
Technical Specialist Manager

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Report No. : 2025-500006573-3 / 003-2 (Page 1 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : อบต.บ้านช้าง Measured By : Oran Boonphan

Time	Nov 24-25, 2025		Nov 25-26, 2025		Nov 26-27, 2025		Nov 27-28, 2025		Nov 28-29, 2025		Nov 29-30, 2025		Nov 30-Dec 1, 2025	
	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)
11:00-12:00	NNW	2.7	NE	3.6	E	2.7	ENE	4.0	NNW	2.7	NNW	2.7	NNW	2.2
12:00-13:00	N	3.1	NE	3.1	ENE	3.1	NE	3.6	N	3.1	NNW	2.2	NNW	2.7
13:00-14:00	N	2.7	NE	3.1	ENE	3.1	ENE	3.6	NNW	3.1	NW	2.2	NW	2.7
14:00-15:00	N	2.2	ENE	3.1	NE	2.7	ENE	3.6	N	2.7	NW	3.1	NW	2.2
15:00-16:00	ENE	2.2	ENE	3.1	ENE	2.7	N	2.7	NNW	2.2	NW	3.1	NW	2.2
16:00-17:00	NNW	2.2	NE	3.1	N	2.2	N	2.7	N	2.7	NW	3.1	NW	2.2
17:00-18:00	N	1.8	ENE	2.2	N	1.8	NE	2.2	N	1.8	NW	3.1	NNW	2.2
18:00-19:00	N	0.9	ENE	2.2	NNW	0.9	NE	1.8	N	1.3	NW	1.8	NNW	1.3
19:00-20:00	N	0.9	N	1.3	-	Calm	NNE	0.9	-	Calm	NW	1.3	-	Calm
20:00-21:00	N	1.3	N	1.3	N	0.9	N	0.9	N	1.3	NW	0.9	-	Calm
21:00-22:00	N	0.9	N	1.3	N	1.3	N	1.3	N	1.3	NNW	0.9	-	Calm
22:00-23:00	N	0.9	N	0.9	N	1.3	N	0.9	N	0.9	NNW	0.9	NW	0.9
23:00-00:00	N	1.3	N	1.8	N	1.8	N	0.9	N	1.3	NNW	0.9	-	Calm
00:00-01:00	N	1.3	N	1.8	N	2.2	N	1.8	N	1.3	N	0.9	NNW	0.9
01:00-02:00	N	2.2	N	2.2	N	2.2	N	1.8	N	1.3	N	0.9	NNW	0.9
02:00-03:00	N	1.3	N	2.2	N	1.8	N	2.2	N	1.8	-	Calm	N	1.3
03:00-04:00	N	1.8	N	2.7	N	2.2	N	2.7	N	1.8	-	Calm	N	0.9
04:00-05:00	N	2.2	N	2.2	N	1.8	N	2.7	N	1.8	-	Calm	NNW	0.9
05:00-06:00	N	2.2	N	2.2	NNW	2.7	N	2.7	NNW	1.8	NNW	0.9	-	Calm
06:00-07:00	N	1.3	N	2.2	N	3.1	N	3.1	NNW	2.2	-	Calm	-	Calm
07:00-08:00	ENE	2.7	N	2.2	N	2.7	N	3.1	NNW	1.8	-	Calm	NW	0.9
08:00-09:00	ENE	3.1	NNW	2.2	NNW	2.7	N	3.6	NNW	2.2	NNW	1.3	NW	0.9
09:00-10:00	NE	3.1	ENE	2.7	NE	3.6	N	3.1	NNW	2.2	N	1.8	NW	0.9
10:00-11:00	ENE	3.1	E	3.1	ENE	4.5	N	3.1	N	2.2	NNW	2.2	-	Calm

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

Approved by _____
(Thepsan Yommana)
Technical Specialist Manager

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Report No. : 2025-500006573-3 / 003-2 (Page 2 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : อบต.บ้านช้าง Measured By : Oran Boonphan

Wind Speed 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	7.74	19.64	15.48	4.76	-
NNE	0.60	-	-	-	-
NE	-	0.60	1.19	4.17	-
ENE	-	-	3.57	5.36	0.60
E	-	-	0.60	0.60	-
ESE	-	-	-	-	-
SE	-	-	-	-	-
SSE	-	-	-	-	-
S	-	-	-	-	-
SSW	-	-	-	-	-
SW	-	-	-	-	-
WSW	-	-	-	-	-
W	-	-	-	-	-
WNW	-	-	-	-	-
NW	2.98	1.19	2.98	2.38	-
NNW	4.76	2.38	9.52	0.60	-
CALMS	8.33				

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

Approved by

(Thepsan Yommana)

Technical Specialist Manager

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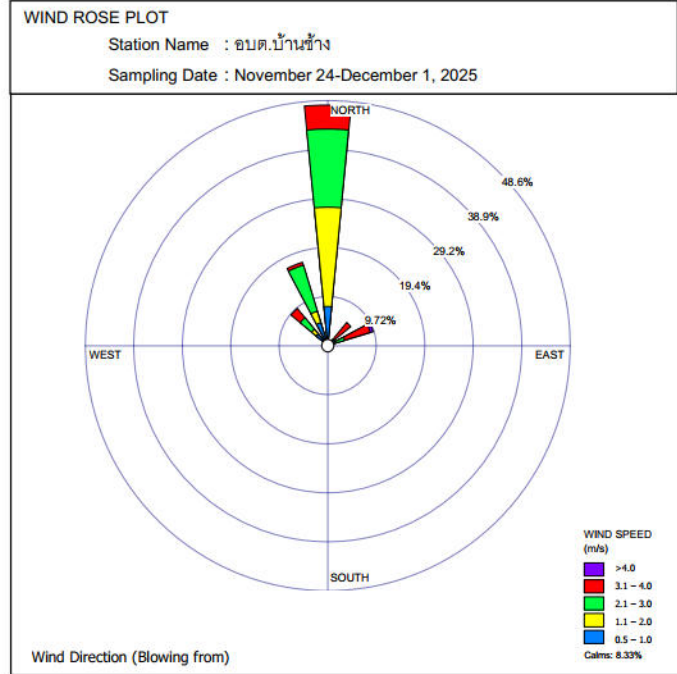
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Report No. : 2025-500006573-3 / 003-2 (Page 3 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : อบต.บ้านช้าง Measured By : Oran Boonphan



Approved by

(Thepsan Yommana)

Technical Specialist Manager

SGS (THAILAND) LIMITED

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Report No. : 2025-500006573-3 / 003-3 (Page 1 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : บ้านหนองไม้ซุง Measured By : Oran Boonphan

Time	Nov 24-25, 2025		Nov 25-26, 2025		Nov 26-27, 2025		Nov 27-28, 2025		Nov 28-29, 2025		Nov 29-30, 2025		Nov 30-Dec 1, 2025	
	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)
11:00-12:00	NE	2.7	NE	3.1	NE	2.7	NE	3.6	NNE	2.7	N	1.3	N	0.9
12:00-13:00	NE	3.1	NE	3.1	NE	2.7	NE	4.0	NNE	2.7	N	1.3	N	1.3
13:00-14:00	NE	3.6	NE	3.1	NE	3.1	NE	3.6	NNE	2.7	NW	1.3	N	0.9
14:00-15:00	NE	2.7	NE	3.1	NE	3.1	NNE	3.6	NE	2.7	W	1.3	N	0.9
15:00-16:00	NE	2.7	NE	2.7	NE	2.7	NE	2.7	NNE	2.7	N	1.3	N	0.9
16:00-17:00	NE	1.8	NE	2.2	NE	2.2	NE	3.1	NE	1.8	N	1.3	-	Calm
17:00-18:00	NNE	1.3	NE	2.2	NE	1.8	NE	2.7	NNE	1.8	WNW	0.9	-	Calm
18:00-19:00	-	Calm	NE	1.8	NE	0.9	NE	1.3	-	Calm	-	Calm	-	Calm
19:00-20:00	-	Calm	NE	1.8	NE	0.9	NE	0.9	NW	0.9	W	0.9	-	Calm
20:00-21:00	-	Calm	NNE	1.3	NNE	0.9	NE	1.3	NNE	0.9	W	0.9	-	Calm
21:00-22:00	-	Calm	NNE	1.3	NE	0.9	NE	0.9	-	Calm	-	Calm	-	Calm
22:00-23:00	-	Calm	NNE	0.9	NNE	1.3	-	Calm	-	Calm	-	Calm	-	Calm
23:00-00:00	-	Calm	-	Calm	NE	1.3	-	Calm	-	Calm	-	Calm	-	Calm
00:00-01:00	NNE	0.9	-	Calm	NNE	1.3	-	Calm	-	Calm	NW	0.9	-	Calm
01:00-02:00	N	0.9	NNE	1.3	NNE	0.9	NE	1.3	N	0.9	NNE	0.9	WNW	0.9
02:00-03:00	-	Calm	NNE	1.3	-	Calm	NNE	0.9	-	Calm	WSW	0.9	WNW	1.3
03:00-04:00	NE	0.9	NNE	1.3	NNE	1.3	NNE	1.3	-	Calm	-	Calm	N	1.3
04:00-05:00	NE	1.3	NNE	1.8	NNE	2.2	NNE	1.8	-	Calm	-	Calm	WNW	0.9
05:00-06:00	NNE	1.8	NNE	2.2	NNE	2.2	NNE	1.8	-	Calm	-	Calm	NNW	0.9
06:00-07:00	NE	2.2	NNE	1.3	NNE	1.8	NNE	1.8	-	Calm	-	Calm	NNW	0.9
07:00-08:00	NNE	1.8	NNE	1.8	NNE	2.2	NNE	0.9	-	Calm	NNE	0.9	-	Calm
08:00-09:00	NE	2.7	NNE	2.2	NNE	3.1	N	1.3	NW	0.9	-	Calm	-	Calm
09:00-10:00	NE	2.7	NE	2.7	NNE	3.6	NNE	1.8	N	0.9	NNE	0.9	NNE	0.9
10:00-11:00	NNE	3.1	NE	2.7	NE	3.6	NNE	2.7	N	1.3	N	0.9	N	0.9

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

Approved by _____
(Thepsan Yommana)
Technical Specialist Manager

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Report No. : 2025-500006573-3 / 003-3 (Page 2 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : บ้านหนองไม้ซุง Measured By : Oran Boonphan

Wind Speed 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	5.36	4.76	-	-	-
NNE	6.55	12.50	5.95	2.38	-
NE	3.57	5.95	10.71	7.74	-
ENE	-	-	-	-	-
E	-	-	-	-	-
ESE	-	-	-	-	-
SE	-	-	-	-	-
SSE	-	-	-	-	-
S	-	-	-	-	-
SSW	-	-	-	-	-
SW	-	-	-	-	-
WSW	0.60	-	-	-	-
W	1.19	0.60	-	-	-
WNW	1.79	0.60	-	-	-
NW	1.79	0.60	-	-	-
NNW	1.19	-	-	-	-
CALMS	26.19				

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

Approved by _____
(Thepsan Yommana)
Technical Specialist Manager

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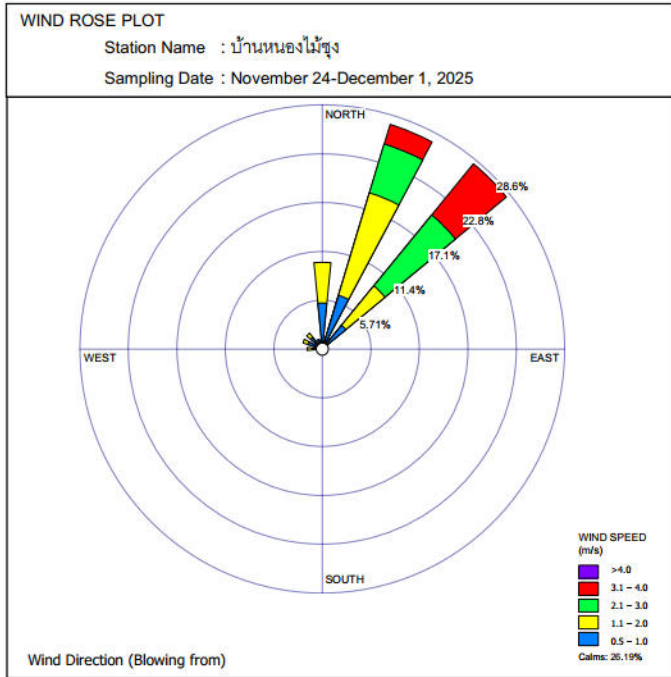
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Report No. : 2025-500006573-3 / 003-3 (Page 3 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : บ้านหนองไม้ซุง Measured By : Oran Boonphan



Approved by _____
(Thepsan Yommana)
Technical Specialist Manager

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Report No. : 2025-500006573-3 / 003-4 (Page 1 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : วัดบ้านช้าง Measured By : Oran Boonphan

Time	Nov 24-25, 2025		Nov 25-26, 2025		Nov 26-27, 2025		Nov 27-28, 2025		Nov 28-29, 2025		Nov 29-30, 2025		Nov 30-Dec 1, 2025	
	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)
11:00-12:00	N	8.5	NNE	6.3	N	5.8	N	4.5	NNE	7.2	N	4.0	N	3.6
12:00-13:00	NNE	8.0	N	5.4	N	6.3	N	7.2	NNE	7.2	NW	4.5	NW	2.7
13:00-14:00	NNE	8.5	N	5.8	N	7.2	N	7.2	NNE	6.7	NW	4.0	N	2.2
14:00-15:00	NNE	6.7	N	4.5	N	6.3	N	7.6	NE	5.4	NW	4.9	NW	2.2
15:00-16:00	NNE	6.3	N	5.8	N	6.3	N	6.7	NNE	4.0	NW	4.5	NW	2.7
16:00-17:00	NNE	5.8	N	5.4	N	4.9	N	6.3	NNE	0.9	NW	1.8	NW	0.9
17:00-18:00	NNE	4.5	N	5.4	N	4.9	N	6.3	N	1.3	NW	2.7	-	Calm
18:00-19:00	N	2.7	NNE	3.6	N	4.0	N	4.0	-	Calm	NW	4.0	-	Calm
19:00-20:00	N	1.8	N	4.5	N	2.7	N	3.1	NNE	1.3	NW	4.0	NW	0.9
20:00-21:00	NNE	3.1	N	3.6	N	2.7	N	2.7	NNE	0.9	NW	1.8	-	Calm
21:00-22:00	NNE	2.2	N	4.0	N	4.0	N	2.7	N	1.3	NNW	1.8	NW	2.2
22:00-23:00	NNE	2.7	N	3.1	N	3.1	N	2.7	N	0.9	N	0.9	NW	1.8
23:00-00:00	-	Calm	N	2.7	N	5.4	N	1.8	NNW	0.9	N	0.9	NW	1.3
00:00-01:00	N	1.8	N	2.7	N	5.8	N	2.7	N	1.8	NW	1.8	NNW	0.9
01:00-02:00	N	2.2	N	4.5	N	4.9	N	3.6	N	1.3	NW	1.8	NNW	1.3
02:00-03:00	N	3.1	N	4.9	N	4.0	N	4.0	NNW	2.7	NW	1.8	NW	1.3
03:00-04:00	NNE	4.9	N	4.5	N	5.4	N	4.9	N	2.7	NW	2.2	NW	0.9
04:00-05:00	N	4.9	N	5.4	N	5.4	N	5.4	N	2.7	NW	1.8	N	0.9
05:00-06:00	NNE	4.9	N	4.9	N	6.7	N	5.8	NNW	2.7	NW	2.2	-	Calm
06:00-07:00	NNE	4.0	N	4.9	N	6.3	N	6.3	N	3.6	N	2.7	-	Calm
07:00-08:00	NE	6.3	N	4.9	N	6.3	N	6.3	N	4.0	N	3.1	N	0.9
08:00-09:00	NNE	7.6	N	5.4	N	7.2	N	6.3	N	4.0	N	4.0	-	Calm
09:00-10:00	NNE	7.2	N	5.8	N	7.6	NNE	8.0	N	4.0	N	4.0	-	Calm
10:00-11:00	NNE	5.8	N	5.8	N	7.2	NE	7.6	N	3.6	N	4.0	-	Calm

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

Approved by _____
(Thepsan Yommana)
Technical Specialist Manager

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Report No. : 2025-500006573-3 / 003-4 (Page 2 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : วัดบ้านช้าง Measured By : Oran Boonphan

Wind Speed 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	2.98	4.17	8.33	13.69	29.76
NNE	1.19	0.60	1.19	2.38	9.52
NE	-	-	-	-	1.79
ENE	-	-	-	-	-
E	-	-	-	-	-
ESE	-	-	-	-	-
SE	-	-	-	-	-
SSE	-	-	-	-	-
S	-	-	-	-	-
SSW	-	-	-	-	-
SW	-	-	-	-	-
WSW	-	-	-	-	-
W	-	-	-	-	-
WNW	-	-	-	-	-
NW	1.79	5.36	4.17	1.79	1.79
NNW	1.19	1.19	1.19	-	-
CALMS	5.95				

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

Approved by _____
(Thesara Yommana)
Technical Specialist Manager

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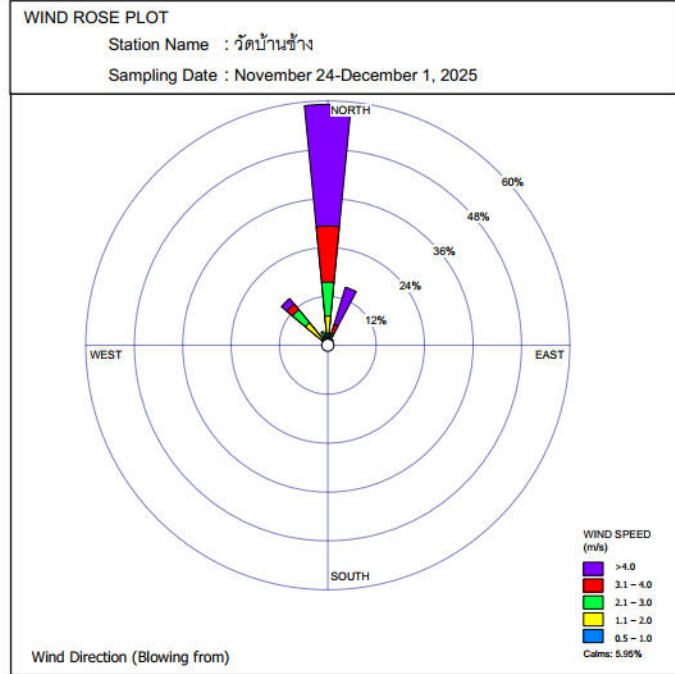
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Report No. : 2025-500006573-3 / 003-4 (Page 3 of 3) Issued date: December 20, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wind speed and Direction Sampling Date : November 24-December 1, 2025
Measurement Location : วัดบ้านช้าง Measured By : Oran Boonphan



Approved by _____
(Thesara Yommana)
Technical Specialist Manager

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ภาคผนวก ข-3
ใบรับรองผลการตรวจวิเคราะห์
ระดับเสียงโดยทั่วไป



Report No. : 2025-500005673-3 / 004-1 (Page 1 of 1)

Issued date: December 20, 2025

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

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

Analysis Report

Sample Type : Ambient Noise

Measurement Date : November 24-29, 2025

Measurement Location : บ้านหนองไม้สูง

Measured By : Oran Boonphan

Calibrator Data : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 80400

Calibration Value Reference: 94.0 dB (A), Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)

Sound Level Meter : Model NL-53, RION Serial No. 00541049

Time	Noise Level [dB(A)]															Standard 1/2/
	Nov 24-25, 2025			Nov 25-26, 2025			Nov 26-27, 2025			Nov 27-28, 2025			Nov 28-29, 2025			
	Leq	Lmax	L90	Leq	Lmax	L90	Leq	Lmax	L90	Leq	Lmax	L90	Leq	Lmax	L90	
11:00-12:00	61.2	79.6	58.4	60.5	85.0	58.7	59.9	82.3	58.0	62.6	81.9	60.1	59.9	80.7	57.7	
12:00-13:00	60.6	76.3	58.1	60.5	85.1	58.1	60.4	80.4	57.4	61.7	80.4	59.7	60.2	79.9	57.7	
13:00-14:00	59.2	77.6	56.8	60.1	75.6	57.2	59.6	81.1	57.1	60.5	83.4	57.5	60.0	87.7	56.2	
14:00-15:00	60.0	82.0	57.0	59.8	78.1	57.6	59.2	73.6	56.3	59.5	80.4	56.8	65.0	80.1	57.7	
15:00-16:00	59.8	80.1	56.6	59.7	74.3	57.7	60.0	82.9	57.1	60.4	78.3	57.8	60.7	77.2	57.1	
16:00-17:00	59.9	76.5	57.9	60.6	78.7	58.3	60.7	86.3	57.9	60.6	79.7	58.3	60.8	84.5	58.1	
17:00-18:00	62.2	83.3	59.0	61.5	76.4	57.7	61.9	82.5	58.4	61.4	81.7	59.1	62.6	83.7	58.7	
18:00-19:00	60.5	79.1	58.1	61.0	82.1	59.1	60.7	84.4	58.7	61.0	83.6	58.4	60.8	80.4	58.1	
19:00-20:00	61.4	83.4	58.9	61.5	79.8	58.8	61.5	81.9	58.4	62.3	85.8	59.6	61.8	78.8	59.9	
20:00-21:00	61.6	80.4	58.3	61.6	81.8	58.7	61.5	81.4	58.7	61.6	83.8	58.7	61.9	80.4	59.4	
21:00-22:00	58.9	82.6	54.7	58.2	78.2	54.8	58.8	80.3	55.2	58.6	77.9	55.3	59.7	82.1	56.6	
22:00-23:00	56.9	79.3	52.3	58.0	85.4	52.8	57.3	76.9	52.8	56.8	82.4	52.2	58.2	77.5	53.5	
23:00-00:00	54.9	75.6	49.7	56.1	77.0	51.5	57.2	88.1	49.5	56.3	76.8	51.4	56.3	79.5	51.8	
00:00-01:00	53.4	80.0	48.2	55.7	82.3	50.9	54.9	79.6	50.6	56.7	82.6	51.5	56.1	79.1	51.0	
01:00-02:00	53.3	76.2	48.0	54.5	74.0	50.1	53.0	70.9	48.4	57.5	86.8	48.4	54.4	78.8	50.2	
02:00-03:00	54.1	78.4	49.1	54.2	72.5	49.8	54.4	73.8	49.4	54.6	71.8	49.4	54.0	72.8	48.6	
03:00-04:00	54.6	73.0	49.3	55.3	73.3	52.0	55.4	76.0	51.6	55.6	73.1	50.4	55.5	81.2	49.9	
04:00-05:00	55.6	79.7	51.6	57.3	82.3	52.3	56.0	79.8	52.2	56.4	78.1	52.7	55.2	73.7	52.3	
05:00-06:00	59.2	84.7	54.6	59.8	89.6	55.4	58.4	74.3	55.3	58.3	79.9	54.5	58.5	79.8	54.2	
06:00-07:00	61.7	79.0	58.9	61.8	84.7	58.4	61.6	81.9	58.5	61.7	79.3	58.3	61.0	83.0	58.4	
07:00-08:00	63.0	80.6	60.9	62.9	81.1	60.9	63.5	88.0	61.5	62.9	81.2	60.7	62.6	83.7	60.6	
08:00-09:00	62.5	80.5	59.8	61.9	82.5	60.0	63.2	79.2	60.6	62.5	80.6	59.8	62.0	82.7	59.1	
09:00-10:00	61.0	76.1	58.6	60.4	79.2	58.1	62.5	80.7	60.2	60.2	78.1	58.1	59.8	77.8	57.1	
10:00-11:00	60.6	75.7	58.2	59.7	80.4	57.3	61.5	81.5	59.3	59.8	81.9	57.6	59.1	78.3	56.6	
Leq 24 hrs.	59.9	-	-	59.9	-	-	60.1	-	-	60.2	-	-	60.3	-	-	70
L90	-	-	48.0 60.9	-	-	49.8 60.9	-	-	48.4 61.5	-	-	48.4 60.7	-	-	48.6 60.6	-
Lmax	-	84.7	-	-	89.6	-	-	88.1	-	-	86.8	-	-	87.7	-	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 Nuisance Noise and Noise Level from Factory, B.E. 2548

Approved by 

(Thepsan Yommana)

Technical Specialist Manager



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Report No. : 2025-500005673-3 / 004-2 (Page 1 of 1)

Issued date: December 20, 2025

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

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

Analysis Report

Sample Type : Ambient Noise

Measurement Date : November 24-29, 2025

Measurement Location : หน้าทางเข้าโครงการ

Measured By : Oran Boonphan

Calibrator Data : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 80400

Calibration Value Reference: 94.0 dB (A), Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)

Sound Level Meter : Model NL-52, RION Serial No. 00710418

Time	Noise Level [dB(A)]															Standard 1/2/
	Nov 24-25, 2025			Nov 25-26, 2025			Nov 26-27, 2025			Nov 27-28, 2025			Nov 28-29, 2025			
	Leq	Lmax	L90	Leq	Lmax	L90	Leq	Lmax	L90	Leq	Lmax	L90	Leq	Lmax	L90	
11:00-12:00	58.1	82.8	56.0	58.0	77.7	56.3	57.2	74.5	55.8	57.8	74.9	56.2	57.6	73.4	55.9	
12:00-13:00	58.7	79.0	56.5	59.0	79.4	57.9	57.0	70.9	55.4	57.5	71.4	56.6	56.9	77.1	55.5	
13:00-14:00	58.0	78.7	56.2	59.1	75.8	57.2	58.6	72.8	56.1	56.5	74.3	55.2	58.6	82.5	57.1	
14:00-15:00	57.9	74.8	56.3	57.6	74.6	56.5	58.3	75.8	56.2	57.0	72.1	55.7	57.9	73.7	55.5	
15:00-16:00	57.3	75.0	56.0	58.6	81.6	56.0	57.8	75.3	56.0	57.3	78.0	56.0	59.1	85.1	56.6	
16:00-17:00	60.3	79.8	57.8	60.1	79.9	57.6	59.4	79.8	56.9	59.7	81.1	57.4	59.1	74.9	57.1	
17:00-18:00	65.1	76.4	59.7	65.1	75.5	59.9	64.7	74.0	60.1	64.6	85.2	59.6	64.0	75.6	58.5	
18:00-19:00	58.9	75.5	57.3	59.4	74.4	57.3	59.4	78.3	57.2	59.5	78.7	57.5	59.0	76.3	57.2	
19:00-20:00	59.1	75.5	56.9	60.8	76.3	58.6	60.1	78.9	57.8	59.8	72.3	57.8	59.6	81.7	57.3	
20:00-21:00	60.0	73.7	57.0	59.9	70.9	59.1	58.4	73.9	57.3	59.3	74.1	58.6	58.1	79.8	57.3	
21:00-22:00	65.6	68.1	65.3	58.7	71.3	57.3	57.3	69.5	57.0	58.1	68.3	56.0	57.2	66.0	56.3	
22:00-23:00	65.2	69.7	64.7	56.2	68.3	55.2	56.6	66.9	55.9	55.8	66.2	55.3	56.6	71.7	56.1	
23:00-00:00	63.8	66.7	57.0	56.4	66.1	55.4	55.4	73.2	54.9	55.4	69.4	54.9	56.0	70.8	55.5	
00:00-01:00	56.7	66.5	55.4	57.4	65.5	57.2	55.1	64.9	54.9	55.3	68.7	54.8	55.7	70.8	55.4	
01:00-02:00	57.3	79.2	55.0	56.6	69.0	55.4	55.9	66.3	55.1	55.8	68.6	55.3	55.8	69.1	55.4	
02:00-03:00	56.0	75.2	54.8	57.0	67.4	56.7	55.8	78.1	55.1	55.9	73.1	55.5	56.1	71.1	55.6	
03:00-04:00	57.3	67.7	56.9	55.9	75.3	55.3	55.5	63.3	55.3	56.0	65.0	55.6	55.8	69.4	55.4	
04:00-05:00	57.1	73.8	55.2	57.4	85.1	55.6	56.9	71.8	55.6	56.9	72.4	55.7	56.5	73.4	55.5	
05:00-06:00	61.4	79.8	58.5	61.5	78.7	60.1	61.4	75.2	59.2	61.4	77.1	58.4	60.8	77.0	58.3	
06:00-07:00	62.0	82.5	59.7	61.7	82.0	58.7	61.9	77.7	59.0	61.8	84.9	59.5	60.3	82.3	57.7	
07:00-08:00	62.4	86.4	59.8	61.6	80.3	58.9	62.1	82.2	59.3	62.0	80.6	59.4	59.8	78.1	56.9	
08:00-09:00	58.5	75.3	56.5	58.2	74.3	56.3	58.1	78.7	56.4	57.8	80.8	55.4	59.1	77.4	56.4	
09:00-10:00	59.4	78.3	56.3	57.8	76.0	55.8	57.6	72.6	56.5	56.8	72.8	55.3	58.0	76.0	55.2	
10:00-11:00	57.6	72.2	56.2	57.1	78.4	56.1	58.0	74.3	56.7	57.3	76.1	56.0	57.0	80.8	54.8	
Leq 24 hrs.	60.8	-	-	59.4	-	-	59.0	-	-	58.9	-	-	58.6	-	-	70
L90	-	-	54.8 65.3	-	-	55.2 60.1	-	-	54.9 60.1	-	-	54.8 59.6	-	-	54.8 58.5	-
Lmax	-	86.4	-	-	85.1	-	-	82.2	-	-	85.2	-	-	85.1	-	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 Nuisance Noise and Noise Level from Factory, B.E. 2548

Approved by 

(Thepsan Yommana)

Technical Specialist Manager



TY/OJ/KK/KK

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ภาคผนวก ข-4

ใบรับรองผลการตรวจวิเคราะห์
ระดับเสียงในสถานที่ทำงาน



Report No. : 2025-500004837-4 / 001 (Page 1 of 2) Issued date : October 7, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Mr. Samart Thawekhun
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 081-865-3248 E-mail: samart.t@iome.co.th

Analysis Report

SAMPLE DESIGNATED AS : Workplace Noise Level MEASUREMENT DATE : September 29, 2025
MEASUREMENT LOCATION : Rojana Power Plant 2, (SPP2) MEASURED BY : Oran Boonphan
Ayutthaya Province
CALIBRATION DATA : Model CR : 515 Serial No. 88336, Cirrus

Item	Results						Standard ^v
Stations	Combustion Turbine Generator 1		Combustion Turbine Generator 2		Cooling Tower		
Measurement Date	29/09/2025		29/09/2025		29/09/2025		
Measurement Time	09:00-17:00		09:00-17:00		09:00-17:00		
Sound Level Meter Model	ST-21D		NL-21		NL-21		
Sound Level Meter Serial No.	820714		00598466		00398394		
Pre Cal (dB(A))	93.8		93.9		93.9		
Post Cal (dB(A))	93.8		93.9		93.9		
Measurement Period	Sound Level [dB(A)]						
	Leq 8 hr	Lmax	Leq 8 hr	Lmax	Leq 8 hr	Lmax	
1 st hour	76.4	84.9	77.5	78.7	80.5	93.6	
2 nd hour	76.1	84.6	77.3	78.5	80.9	81.5	
3 rd hour	75.4	77.8	77.0	77.8	81.0	81.5	
4 th hour	75.7	85.7	77.3	78.0	81.0	81.6	
5 th hour	75.8	84.7	77.3	78.1	81.0	81.6	
6 th hour	77.4	86.5	77.1	78.1	81.0	81.5	
7 th hour	76.9	86.0	77.1	78.0	81.0	81.5	
8 th hour	75.6	77.7	77.3	77.8	81.0	81.4	
Leq 8 hrs.	76.2	-	77.2	-	80.9	-	≤90
Lmax	-	86.5	-	78.7	-	93.6	≤140

Sources : ^u 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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(Buppa Sangnil)
Environmental Monitoring and
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Report No. : 2025-500004837-4 / 001 (Page 2 of 2) Issued date : October 7, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Mr. Samart Thawekhun
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 081-865-3248 E-mail: samart.t@iome.co.th

Analysis Report

SAMPLE DESIGNATED AS : Workplace Noise Level MEASUREMENT DATE : September 29, 2025
MEASUREMENT LOCATION : Rojana Power Plant 2, (SPP2) MEASURED BY : Oran Boonphan
Ayutthaya Province
CALIBRATION DATA : Model CR : 515 Serial No. 88336, Cirrus

Item	Results						Standard ^u
Stations	Steam Turbine Generator		HRSG#1		HRSG#2		
Measurement Date	29/09/2025		29/09/2025		29/09/2025		
Measurement Time	09:00-17:00		09:00-17:00		09:00-17:00		
Sound Level Meter Model	NL-21		ST-21D		NL-21		
Sound Level Meter Serial No.	00398390		820716		00398395		
Pre Cal (dB(A))	93.9		93.9		93.9		
Post Cal (dB(A))	93.9		93.9		93.9		
Measurement Period	Sound Level [dB(A)]						
	Leq 8 hr	Lmax	Leq 8 hr	Lmax	Leq 8 hr	Lmax	
1 st hour	80.6	87.7	79.5	81.8	76.1	108.3	
2 nd hour	78.6	80.7	79.5	83.0	71.8	74.0	
3 rd hour	79.2	81.4	79.3	83.0	71.3	72.8	
4 th hour	79.1	81.0	79.2	83.7	71.4	73.0	
5 th hour	78.2	80.9	79.3	82.4	71.9	75.9	
6 th hour	78.5	81.3	79.4	87.2	71.7	74.3	
7 th hour	79.3	81.4	79.3	83.0	71.9	75.9	
8 th hour	78.2	79.9	79.1	81.2	71.7	72.2	
Leq 8 hrs.	79.0	-	79.3	-	72.6	-	≤90
Lmax	-	87.7	-	87.2	-	108.3	≤140

Sources : ^u 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. : 2025-500005673-4 / 002-1 (Page 1 of 2) Issued date: December 30, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Workplace Noise Level Measurement Date : December 22, 2025
Measurement Location : Rojana Power Plant 2, (SPP2) Measured By : Nuttawat Sirichoti
Ayutthaya Province
Calibrator Data : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336

Item	Results						Standard ^v
Stations	Combustion Turbine Generator 1		Combustion Turbine Generator 2		Cooling Tower		
Measurement Date	22/12/2025		22/12/2025		22/12/2025		
Measurement Time	08:30-16:30		08:30-16:30		08:30-16:30		
Sound Level Meter Model	ST-21D		ST-21D		ST-21D		
Sound Level Meter Serial No.	820706		820710		820714		
Pre Cal (dB(A))	93.8		93.8		93.8		
Post Cal (dB(A))	93.8		93.8		93.8		
Measurement Period	Sound Level [dB(A)]						
	Leq 8 hr.	Lmax	Leq 8 hr.	Lmax	Leq 8 hr.	Lmax	
1 st hour	76.6	84.4	78.4	82.5	81.0	91.5	
2 nd hour	75.8	87.5	78.2	79.1	80.9	81.5	
3 rd hour	75.7	77.3	78.2	79.1	80.9	83.0	
4 th hour	75.7	77.8	78.2	79.1	80.9	82.8	
5 th hour	76.5	86.0	78.4	79.4	81.0	82.3	
6 th hour	76.7	85.6	78.3	79.5	81.1	82.5	
7 th hour	76.0	86.1	78.4	80.6	81.0	82.8	
8 th hour	75.5	77.2	78.5	79.4	81.0	82.7	
Leq 8 hrs.	76.1	-	78.3	-	81.0	-	≤90
Lmax	-	87.5	-	82.5	-	91.5	≤140

Sources : ^u 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. : 2025-500005673-4 / 002-1 (Page 2 of 2) Issued date: December 30, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Workplace Noise Level Measurement Date : December 22, 2025
Measurement Location : Rojana Power Plant 2, (SPP2) Measured By : Nuttawat Sirichoti
Ayutthaya Province
Calibrator Data : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336

Item	Results						Standard ^u
Stations	Steam Turbine Generator		HRSG#1		HRSG#2		
Measurement Date	22/12/2025		22/12/2025		22/12/2025		
Measurement Time	08:30-16:30		08:30-16:30		08:30-16:30		
Sound Level Meter Model	ST-21D		ST-21D		ST-21D		
Sound Level Meter Serial No.	820708		820707		820711		
Pre Cal (dB(A))	93.8		93.8		93.8		
Post Cal (dB(A))	93.8		93.8		93.8		
Measurement Period	Sound Level [dB(A)]						
	Leq 8 hr.	Lmax	Leq 8 hr.	Lmax	Leq 8 hr.	Lmax	
1 st hour	79.6	92.9	76.8	87.8	77.0	78.7	
2 nd hour	78.8	83.8	76.4	79.8	77.1	79.7	
3 rd hour	78.9	81.5	76.2	80.0	77.1	79.4	
4 th hour	78.9	81.7	76.1	80.2	77.6	84.8	
5 th hour	78.7	81.6	76.5	80.4	77.2	86.5	
6 th hour	78.3	92.0	76.6	79.9	76.7	79.1	
7 th hour	78.6	81.5	77.0	90.5	76.5	85.2	
8 th hour	78.9	81.6	76.6	81.4	76.9	78.9	
Leq 8 hrs.	78.9	-	76.5	-	77.0	-	≤90
Lmax	-	92.9	-	90.5	-	86.5	≤140

Sources : ^u 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



Report No. : 2025-500004837-1 / 001 (Page 1 of 2) Issued date : July 25, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Mr. Samart Thawekhun
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 081-865-3248 E-mail: samart.t@iome.co.th

Analysis Report

SAMPLE DESIGNATED AS : Wastewater Analysis
SAMPLING LOCATION : Discharge Point, Rojana Power Plant 2
SAMPLING PERSON : Oran Boonphan (๓-197-๙-0025)
LABORATORY NAME : SGS (Thailand) Limited (๓-197)
SAMPLING DATE : July 11, 2025
ANALYTICAL DATE : July 11, 2025
SAMPLING TIME : 10:10 hr.

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
pH	-	APHA, 4500 -H+ B	8.1	6.0-9.0	5.5-9.0
Temperature*	°C	APHA, 2550 B (On-Site)	30.8	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	APHA, 2540 C	805	≤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
Zinc (Zn)	mg/l	APHA, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	APHA, 3120 B	<0.01	≤2	≤2

Remarks : * Under Inspection Body's accredited scope
- Analysis Methods followed the Standard Methods for the Examination of Water and Wastewater recommended by American Public Health Association (APHA), American Water Works Association (AWWA) and Water Environment Federation (WEF) 24th ed., 2023
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

(Thepsan Yommana)
Technical Manager
License ID: ๓-197-๙-0005



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Report No. : 2025-500004837-1 / 001 (Page 2 of 2) Issued date : July 25, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Mr. Samart Thawekhun
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 081-865-3248 E-mail: samart.t@iome.co.th

Analysis Report

SAMPLE DESIGNATED AS : Wastewater Analysis
SAMPLING LOCATION : Discharge Point, Rojana Power Plant 2
SAMPLING PERSON : Oran Boonphan
LABORATORY NAME : SGS (Thailand) Limited
SAMPLING DATE : July 11, 2025
ANALYTICAL DATE : July 11, 2025
SAMPLING TIME : 10:10 hr.

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
Free Chlorine (Cl ₂)	mg/l	APHA, 4500-Cl G	0.02	≤1	≤1
Conductivity	µs/cm	APHA, 2510 B	1,216	-	-
Flow Rate*	m ³ /hr	Flow rate Meter	35	-	-

Remark : * Data from client.
- Analysis Methods followed the Standard Methods for the Examination of Water and Wastewater recommended by American Public Health Association (APHA), American Water Works Association (AWWA) and Water Environment Federation (WEF) 24th ed., 2023
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

(Thepsan Yommana)
Technical Manager



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Report No. : 2025-500004837-2 / 001 (Page 1 of 2) Issued date : August 25, 2025

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

SAMPLE DESIGNATED AS : Wastewater Analysis
SAMPLING LOCATION : Discharge Point, Rojana Power Plant 2
SAMPLING PERSON : Oran Boonphan (๓-197-๙-0025)
LABORATORY NAME : SGS (Thailand) Limited (๓-197)
SAMPLING DATE : August 7, 2025
ANALYTICAL DATE : August 8, 2025
SAMPLING TIME : 13:51 hr.

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
pH	-	APHA, 4500 -H+ B	7.4	6.0-9.0	5.5-9.0
Temperature*	°C	APHA, 2550 B (On-Site)	32.8	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	APHA, 2540 C	1,137	≤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
Zinc (Zn)	mg/l	APHA, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	APHA, 3120 B	<0.01	≤2	≤2

Remarks : * Under Inspection Body's accredited scope
- Analysis Methods followed the Standard Methods for the Examination of Water and Wastewater recommended by American Public Health Association (APHA), American Water Works Association (AWWA) and Water Environment Federation (WEF) 24th ed., 2023
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. : 2025-500004837-2 / 001 (Page 2 of 2) Issued date : August 25, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Mr. Samart Thawekkhun
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 081-865-3248 E-mail: samart.t@iome.co.th

Analysis Report

SAMPLE DESIGNATED AS : Wastewater Analysis
SAMPLING LOCATION : Discharge Point, Rojana Power Plant 2
SAMPLING PERSON : Oran Boonphan
LABORATORY NAME : SGS (Thailand) Limited
SAMPLING DATE : August 7, 2025
ANALYTICAL DATE : August 8, 2025
SAMPLING TIME : 13:51 hr.

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
Free Chlorine (Cl ₂)	mg/l	APHA, 4500-Cl G	<0.01	≤1	≤1
Conductivity	μs/cm	APHA, 2510 B	1,561	-	-
Flow Rate*	m ³ /hr	Flow rate Meter	39	-	-

Remark : * Data from client.
- Analysis Methods followed the Standard Methods for the Examination of Water and Wastewater recommended by American Public Health Association (APHA), American Water Works Association (AWWA) and Water Environment Federation (WEF) 24th ed., 2023
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



(Thepsan Yommana)
Technical Manager



TY/OJ/KK/KK

IE 001756 E

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Report No. : 2025-500004837-3 / 001 (Page 1 of 2) Issued date : September 22, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Mr. Samart Thawekhun
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 081-865-3248 E-mail: samart.t@iome.co.th

Analysis Report

SAMPLE DESIGNATED AS : Wastewater Analysis
SAMPLING LOCATION : Discharge Point, Rojana Power Plant 2
SAMPLING PERSON : Watchararat Linjee (๓-197-๙-0004)
LABORATORY NAME : SGS (Thailand) Limited (๓-197)
SAMPLING DATE : September 4, 2025
ANALYTICAL DATE : September 5, 2025
SAMPLING TIME : 10:49 hr.

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
pH	-	APHA, 4500 -H+ B	8.0	6.0-9.0	5.5-9.0
Temperature*	°C	APHA, 2550 B (On-Site)	31.9	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	APHA, 2540 C	527	≤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
Zinc (Zn)	mg/l	APHA, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	APHA, 3120 B	<0.01	≤2	≤2

Remarks : * Under Inspection Body's accredited scope
- Analysis Methods followed the Standard Methods for the Examination of Water and Wastewater recommended by American Public Health Association (APHA), American Water Works Association (AWWA) and Water Environment Federation (WEF) 24th ed., 2023
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. : 2025-500004837-3 / 001 (Page 2 of 2) Issued date : September 22, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Mr. Samart Thawekhun
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 081-865-3248 E-mail: samart.t@iome.co.th

Analysis Report

SAMPLE DESIGNATED AS : Wastewater Analysis
SAMPLING LOCATION : Discharge Point, Rojana Power Plant 2
SAMPLING PERSON : Watchararat Linjee
LABORATORY NAME : SGS (Thailand) Limited
SAMPLING DATE : September 4, 2025
ANALYTICAL DATE : September 5, 2025
SAMPLING TIME : 10:49 hr.

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
Free Chlorine (Cl ₂)	mg/l	APHA, 4500-Cl G	<0.01	≤1	≤1
Conductivity	μs/cm	APHA, 2510 B	844	-	-
Flow Rate*	m ³ /hr	Flow rate Meter	25	-	-

Remark : * Data from client.
- Analysis Methods followed the Standard Methods for the Examination of Water and Wastewater recommended by American Public Health Association (APHA), American Water Works Association (AWWA) and Water Environment Federation (WEF) 24th ed., 2023
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



(Thepsan Yommana)
Technical Manager

TY/MM/KK/KK

IE 002516 E

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Report No. : 2025-500005673-1 / 001 (Page 1 of 2)

Issued date: October 27, 2025

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

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

Analysis Report

Sample Type : Wastewater

Sampling Location : Discharge Point, Rojana Power Plant 2

Sampling By : Oran Boonphan (๓-197-๙-0025)

Laboratory Name : SGS (Thailand) Limited (๓-197)

Sample Condition : Yellow, odorless and no sediment.

Sampling Date : October 2, 2025

Sampling Time : 11:00 hr.

Received Date : October 3, 2025

Analysis Date : October 3-24, 2025

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
pH	-	SM, 4500 -H+ B	8.0	6.0-9.0	5.5-9.0
Temperature*	°C	SM, 2550 B (On-Site)	32.1	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	SM, 2540 C	760	≤3,000	≤3,000
Fat Oil & Grease (FOG)	mg/l	SM, 5520 B	<1	≤5	≤10
Biochemical Oxygen Demand (BOD)	mg/l	SM, 5210 B	<2	-	≤500
Zinc (Zn)	mg/l	SM, 3120 B	0.02	≤5	≤5
Copper (Cu)	mg/l	SM, 3120 B	<0.01	≤2	≤2

Remarks : * Under Inspection Body's accredited scope

- SM = Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.

- 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

Reviewed by

(Phatsakorn Soonthornwiphat)
Technical Specialist Section Head
License ID: ๓-197-๙-0004

Approved by

(Thepsara Yommana)
Technical Specialist Manager
License ID: ๓-197-๙-0005

TY/NJ/KK/KK



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Report No. : 2025-500005673-1 / 001 (Page 2 of 2)

Issued date: October 27, 2025

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

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

Analysis Report

Sample Type : Wastewater

Sampling Location : Discharge Point, Rojana Power Plant 2

Sampling By : Oran Boonphan

Laboratory Name : SGS (Thailand) Limited

Sample Condition : Yellow, odorless and no sediment.

Sampling Date : October 2, 2025

Sampling Time : 11:00 hr.

Received Date : October 3, 2025

Analysis Date : October 3-24, 2025

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
Free Chlorine (Cl ₂)	mg/l	SM, 4500-Cl G	0.01	≤1	≤1
Conductivity	µs/cm	SM, 2510 B	1,101	-	-
Flow Rate*	m ³ /hr	Flow rate Meter	28	-	-

Remark : * Data from client.

- SM = Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.

- 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

Reviewed by

(Phatsakorn Soonthornwiphat)
Technical Specialist Section Head

Approved by

(Thepsara Yommana)
Technical Specialist Manager

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Report No. : 2025-500005673-2 / 001 (Page 1 of 2) Issued date: November 26, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wastewater
Sampling Location : Discharge Point, Rojana Power Plant 2
Sampling By : Oran Boonphan (๓-197-๙-0025)
Laboratory Name : SGS (Thailand) Limited (๓-197)
Sample Condition : Yellow, odorless and no sediment.
Sampling Date : November 6, 2025
Sampling Time : 09:40 hr.
Received Date : November 7, 2025
Analysis Date : November 7-24, 2025

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
pH	-	SM, 4500 -H+ B	7.5	6.0-9.0	5.5-9.0
Temperature*	°C	SM, 2550 B (On-Site)	29.1	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	SM, 2540 C	766	≤3,000	≤3,000
Fat Oil & Grease (FOG)	mg/l	SM, 5520 B	<1	≤5	≤10
Biochemical Oxygen Demand (BOD)	mg/l	SM, 5210 B	<2	-	≤500
Zinc (Zn)	mg/l	SM, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	SM, 3120 B	<0.01	≤2	≤2

Remarks : * Under Inspection Body's accredited scope
- SM = Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.
v EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)
๓ The control values were specified by the Rojana Industrial Park

Reviewed by [Redacted]
(Phatsakorn Soonthornwiphat)
Technical Specialist Section Head
License ID: ๓-197-๙-0004

Approved by [Redacted]
(Thepsan Yommana)
Technical Specialist Manager
License ID: ๓-197-๙-0005



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Report No. : 2025-500005673-2 / 002 (Page 2 of 2) Issued date: November 26, 2025
Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wastewater
Sampling Location : Discharge Point, Rojana Power Plant 2
Sampling By : Oran Boonphan
Laboratory Name : SGS (Thailand) Limited
Sample Condition : Yellow, odorless and no sediment.
Sampling Date : November 6, 2025
Sampling Time : 09:40 hr.
Received Date : November 7, 2025
Analysis Date : November 7-24, 2025

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
Free Chlorine (Cl ₂)	mg/l	SM, 4500-Cl G	0.01	≤1	≤1
Conductivity	µs/cm	SM, 2510 B	1,115	-	-
Flow Rate*	m ³ /hr.	Flow rate Meter	48	-	-

Remark : * Data from client.
- SM = Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.
v EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)
๓ The control values were specified by the Rojana Industrial Park

Reviewed by [Redacted]
(Phatsakorn Soonthornwiphat)
Technical Specialist Section Head

Approved by [Redacted]
(Thepsan Yommana)
Technical Specialist Manager



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Report No. : 2025-500005673-4 / 001 (Page 1 of 2) Issued date: December 24, 2025

Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wastewater
Sampling Location : Discharge Point, Rojana Power Plant 2
Sampling By : Anankorn Nanthasaeng (๓-197-๙๐011)
Laboratory Name : SGS (Thailand) Limited (๓-197)
Sample Condition : Yellow, odorless and no sediment.
Sampling Date : December 11, 2025
Sampling Time : 11:02 hr.
Received Date : December 12, 2025
Analysis Date : December 12-24, 2025

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
pH	-	SM, 4500 -H+ B	8.1	6.0-9.0	5.5-9.0
Temperature*	°C	SM, 2550 B (On-Site)	24.2	≤40	≤40
Total Dissolved Solids (TDS)	mg/l	SM, 2540 C	758	≤3,000	≤3,000
Fat Oil & Grease (FOG)	mg/l	SM, 5520 B	<1	≤5	≤10
Biochemical Oxygen Demand (BOD)	mg/l	SM, 5210 B	<2	-	≤500
Zinc (Zn)	mg/l	SM, 3120 B	<0.02	≤5	≤5
Copper (Cu)	mg/l	SM, 3120 B	<0.01	≤2	≤2

Remarks : * Under Inspection Body's accredited scope
- SM = Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.
v EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)
๓ The control values were specified by the Rojana Industrial Park

Reviewed by [Redacted]
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Technical Specialist Section Head
License ID: ๓-197-๙-0004

Approved by [Redacted]
(Thepsan Yommana)
Technical Specialist Manager
License ID: ๓-197-๙-0005

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Report No. : 2025-500005673-4 / 002 (Page 2 of 2) Issued date: December 24, 2025

Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
Address : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210

Analysis Report

Sample Type : Wastewater
Sampling Location : Discharge Point, Rojana Power Plant 2
Sampling By : Oran Boonphan
Laboratory Name : SGS (Thailand) Limited
Sample Condition : Yellow, odorless and no sediment.
Sampling Date : December 11, 2025
Sampling Time : 11:02 hr.
Received Date : December 12, 2025
Analysis Date : December 12-24, 2025

Parameter	Unit	Method	Result	Standard ^{1/}	Standard ^{2/}
Free Chlorine (Cl ₂)	mg/l	SM, 4500-Cl G	0.02	≤1	≤1
Conductivity	µs/cm	SM, 2510 B	915	-	-
Flow Rate*	m ³ /hr.	Flow rate Meter	44	-	-

Remark : * Data from client.
- SM = Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.
v EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/4623 dated May 23, B.E. 2554 (2011)
๓ The control values were specified by the Rojana Industrial Park

Reviewed by [Redacted]
(Phatsakorn Soonthornwiphat)
Technical Specialist Section Head

Approved by [Redacted]
(Thepsan Yommana)
Technical Specialist Manager

TY/AN/KK/KK



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ภาคผนวก ข-6

ใบรับรองผลการตรวจวัดคุณภาพสิ่งแวดล้อม
ด้านอาชีวอนามัย และความปลอดภัย

Report No. : 2025-500004067-1 / 005-1 (Page 1 of 1) Issued date : April 23, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Khun Nithima Jongrakmongkol
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 035-719-300 E-mail: nithima@oeg.th.com

Analysis Report

SAMPLE DESIGNATED AS : Heat Stress MEASUREMENT DATE : April 9, 2025
MEASUREMENT LOCATION : Rojana Power Plant 2, Ayutthaya Province MEASURED BY : Varinthorn Jantinnathorn
HEAT STRESS MONITOR NO.: HRSG #1 : Model QT-34, 3M Serial No. TEM030028
HRSG #2 : Model QT-34, 3M Serial No. TEM030027

Stations	Periods	Type	Work Load*	Heat Stress (WBGT (avg), °C)
Gas Turbine Generator 1	11:25 AM-01:25 PM	Outdoor	Light Work	33.3
Gas Turbine Generator 2	11:20 AM-01:20 PM	Outdoor	Light Work	32.0
Standard ^{1/}		Light work		not more than 34.0

Remarks : - Sampling and Analytical Method was followed the Standard Method of National Institute for Occupational Safety and Health (NIOSH)
* Work load category is determined by averaging metabolic rates for tasks as follows:
1) Light work : ≤200 kcal/hour
2) Moderate work : >200-350 kcal/hour
3) Heavy work : >350-500 kcal/hour
Source : ^{1/} 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).



(Buppa Sangnil)
Environmental Monitoring
and Compliance Audit Manager

BS/VJ/KK/KK

Report No. : 2025-500004067-1 / 005-2 (Page 1 of 1) Issued date : April 23, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Khun Nithima Jongrakmongkol
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 035-719-300 E-mail: nithima@oeg.th.com

Analysis Report

SAMPLE DESIGNATED AS : Heat Stress MEASUREMENT DATE : April 9, 2025
MEASUREMENT LOCATION : Rojana Power Plant 2, Ayutthaya Province MEASURED BY : Varinthorn Jantinnathorn
HEAT STRESS MONITOR NO.: Model QT-34, 3M Serial No. TKP030023

Location	Name	Period	Work Load*	Heat Stress (WBGT (avg), °C)
Rojana Power Plant 2	คุณเชษฐา แย้มสรวล	02:36-04:36 PM	Light Work	31.2
Standard ^{1/} (WBGT, °C)			Light Work	≤34.0

Remarks : - Sampling and Analytical Method was followed the Standard Method of National Institute for Occupational Safety and Health (NIOSH).
* Work load category is determined by averaging metabolic rates for tasks as follows:
1) Light work : ≤200 kcal/hour
2) Moderate work : >200-350 kcal/hour
3) Heavy work : >350-500 kcal/hour
Source : ^{1/} Ministerial regulation of the Ministry of Labour, Subject "The standard for Administration, Management and Operation of Safety, Occupational Health and Working Condition about Heat stress, Light and Noise B.E. 2559", dated October 7, B.E. 2559 (2016).



(Buppa Sangnil)
Environmental Monitoring
and Compliance Audit Manager

BS/VJ/KK/KK

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IE 015039

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Report No. : 2025-500004067-1 / 006 (Page 1 of 4) Issued date: April 23, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Khun Nithima Jongrakmongkol
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 035-719-300 E-mail: nithima@oeg.th.com

Analysis Report

SAMPLE DESIGNATED AS : Light Intensity MEASUREMENT DATE : April 9, 2025
MEASUREMENT LOCATION : Rojana Power Plant 2, Ayutthaya Province MEASURED BY : Varinthorn Jantimathorn

Measurement Location	Activities/ Type of Work	Light Intensity (LUX)	Standard Value ^{1/}
Day Time			
1. Meeting Room (Area measurement)	Meeting Room		
1.1 Average value		450	300
1.2 Minimum value		411	150
2. Warehouse (Area measurement)	Storage area		
2.1 Average value		673	100
2.2 Minimum value		412	50
3. MCC Room; Switch gear (Area measurement)	Measuring instrument, gauge valve etc.		
3.1 Average value		472	200
3.2 Minimum value		415	100
4. Battery Room (Area measurement)	Measuring instrument, gauge valve etc.		
4.1 Average value		431	200
4.2 Minimum value		417	100
5. Office OEG	Computer and Document work	584	400-500
6. Control Room (Monitor)	Measuring instrument, gauge valve etc.	401	200-300
7. Control Room (Control Panel)	Measuring instrument, gauge valve etc.	442	200-300
8. Chiller Room	Measuring instrument, gauge valve etc.	879	200-300
9. STG Turbine	Measuring instrument, gauge valve etc.	642	200-300
10. STG Generator	Measuring instrument, gauge valve etc.	415	200-300
11. Water Treatment Plant Control 1	Measuring instrument, gauge valve etc.	538	200-300
12. Water Treatment Plant Control 2	Measuring instrument, gauge valve etc.	490	200-300

Sources : ^{1/} 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. : 2025-500004067-1 / 006 (Page 2 of 4) Issued date: April 20, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Khun Nithima Jongrakmongkol
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
Tel. 035-719-300 E-mail: nithima@oeg.th.com

Analysis Report

SAMPLE DESIGNATED AS : Light Intensity MEASUREMENT DATE : April 9, 2025
MEASUREMENT LOCATION : Rojana Power Plant 2, Ayutthaya Province MEASURED BY : Varinthorn Jantimathorn

Measurement Location	Activities/ Type of Work	Light Intensity (LUX)	Standard Value ^{1/}
Night Time			
13. Meeting Room (Area measurement)	Meeting Room		
13.1 Average value		418	300
13.2 Minimum value		405	150
14. Warehouse (Area measurement)	Storage area		
14.1 Average value		518	100
14.2 Minimum value		413	50
15. MCC Room; Switch gear (Area measurement)	Measuring instrument, gauge valve etc.		
15.1 Average value		447	200
15.2 Minimum value		419	100
16. Battery Room (Area measurement)	Measuring instrument, gauge valve etc.		
16.1 Average value		430	200
16.2 Minimum value		411	100
17. Walkway: MTU (Area measurement)	Walkway		
17.1 Average value		58	50
17.2 Minimum value		54	25
18. Walkway: SUP 4 (Area measurement)	Walkway		
18.1 Average value		164	50
18.2 Minimum value		83	25
19. Walkway: SUP 4-CCR (Area measurement)	Walkway		
19.1 Average value		119	50
19.2 Minimum value		92	25
20. Walkway: GTG 1 (Area measurement)	Walkway		
20.1 Average value		77	50
20.2 Minimum value		55	25
21. Walkway: GTG 1-CCR (Area measurement)	Walkway		
21.1 Average value		78	50
21.2 Minimum value		53	25

Sources : ^{1/} 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. : 2025-500004067-1 / 006 (Page 3 of 4) Issued date: April 20, 2025

CLIENT : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 2)
CONTACT : Khun Nithima Jongrakmongkol
ADDRESS : 91/9 Moo 9 Rojana Industrial Park 2, Tambol Kanham, Amphur U-Thai, Ayutthaya 13210
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Analysis Report

SAMPLE DESIGNATED AS : Light Intensity **MEASUREMENT DATE :** April 9, 2025
MEASUREMENT LOCATION : Rojana Power Plant 2, Ayutthaya Province **MEASURED BY :** Varinthorn Jantimathorn

Measurement Location	Activities/ Type of Work	Light Intensity (LUX)	Standard Value ¹⁾
Night Time			
22. Walkway: GTG 2-CCR (Area measurement)	Walkway		
22.1 Average value		101	50
22.2 Minimum value		94	25
23. Walkway: GTG 2 (Area measurement)	Walkway		
23.1 Average value		58	50
23.2 Minimum value		56	25
24. Walkway: GTG-Cooling tower (Area measurement)	Walkway		
24.1 Average value		113	50
24.2 Minimum value		74	25
25. Walkway: Gas Compressor- Cooling tower (Area measurement)	Walkway		
25.1 Average value		60	50
25.2 Minimum value		50	25
26. Walkway: WTP-Boundary (Area measurement)	Walkway		
26.1 Average value		121	50
26.2 Minimum value		60	25
27. Walkway: Cooling tower- Boundary (Area measurement)	Walkway		
27.1 Average value		54	50
27.2 Minimum value		53	25
28. Office OEG	Computer and Document work	545	400-500
29. Control Room (Monitor)	Measuring instrument, gauge valve etc.	405	200-300
30. Control Room (Control Panel)	Measuring instrument, gauge valve etc.	407	200-300
31. Chiller Room	Measuring instrument, gauge valve etc.	463	200-300

Sources : ¹⁾ 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. : 2025-500004067-1 / 006 (Page 4 of 4) Issued date: April 20, 2025

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

SAMPLE DESIGNATED AS : Light Intensity **MEASUREMENT DATE :** April 9, 2025
MEASUREMENT LOCATION : Rojana Power Plant 2, Ayutthaya Province **MEASURED BY :** Varinthorn Jantimathorn

Measurement Location	Activities/ Type of Work	Light Intensity (LUX)	Standard Value ¹⁾
Night Time			
32. STG Turbine	Measuring instrument, gauge valve etc.	418	200-300
33. STG Generator	Measuring instrument, gauge valve etc.	355	200-300
34. Water Treatment Plant Control 1	Measuring instrument, gauge valve etc.	559	200-300
35. Water Treatment Plant Control 2	Measuring instrument, gauge valve etc.	582	200-300
36. Gas Compressor	Measuring instrument, gauge valve etc.	238	200-300

Sources : ¹⁾ Notification of the Department of Labor Protection and Welfare, Subject "Light Intensity Standard" dated February 21, B.E. 2561 (2018).

(Buppa Sangnil)
 Environmental Monitoring
 and Compliance Audit Manager

SGS (THAILAND) LIMITED

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ภาคผนวก ค

โพรไฟล์บริษัท

- สำเนาหนังสือรับรองห้องปฏิบัติการวิเคราะห์เอกชน บริษัท เอสจีเอส (ประเทศไทย) จำกัด
 - สำเนาใบรับรองมาตรฐาน ISO/IEC 17020:2012 บริษัท เอสจีเอส (ประเทศไทย) จำกัด
 - สำเนาใบรับรองมาตรฐาน ISO/IEC 17025:2017 Certificate of Testing Laboratory
 - สำเนาใบรับรองมาตรฐาน ISO 9001:2015 บริษัท เอสจีเอส (ประเทศไทย) จำกัด
 - สำเนาหนังสือรับรองระบบงาน ISO 45001:2018 บริษัท เอสจีเอส (ประเทศไทย) จำกัด
-



ที่อก ๐๓๑๐(๓)/ ๕๒๓๐

กรมโรงงานอุตสาหกรรม
ถนนพระรามที่ ๖ แขวงทุ่งพญาไท
เขตราชเทวี กรุงเทพฯ ๑๐๔๐๐

๑๓ พฤศจิกายน ๒๕๖๘

เรื่อง ต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

เรียน กรรมการผู้จัดการ บริษัท เอสจีเอส (ประเทศไทย) จำกัด (สาขาระยอง)

อ้างถึง คำขอขึ้นทะเบียน/ต่ออายุ/เปลี่ยนแปลงบุคลากร และชนิดสารมลพิษของห้องปฏิบัติการวิเคราะห์เอกชน
ลงวันที่ ๑๑ สิงหาคม ๒๕๖๘

สิ่งที่ส่งมาด้วย เอกสารแนบท้ายหนังสือต่ออายุรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน
บริษัท เอสจีเอส (ประเทศไทย) จำกัด (สาขาระยอง) จำนวน ๒๕ แผ่น

ตามคำขอที่อ้างถึง บริษัท เอสจีเอส (ประเทศไทย) จำกัด (สาขาระยอง) ขอต่ออายุหนังสือ
รับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน เลขทะเบียน ๖-๑๙๗ สถานที่ตั้งเลขที่ ๑/๒๐๙ และ ๑/๒๑๑
หมู่ที่ ๑ ตำบลบ้านฉาง อำเภอบ้านฉาง จังหวัดระยอง ต่อกรมโรงงานอุตสาหกรรม นั้น

กรมโรงงานอุตสาหกรรมพิจารณาแล้ว ให้บริษัท เอสจีเอส (ประเทศไทย) จำกัด (สาขาระยอง)
ต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน โดยมีองค์ประกอบดังนี้

ก. ผู้ควบคุมห้องปฏิบัติการวิเคราะห์เอกชน

๑) นางสาวสายใจ เรืองสวัสดิ์	ทะเบียนเลขที่ ๖-๑๙๗-ค-๐๐๐๑
๒) นางสาวพรรณิภา สมจิตต์	ทะเบียนเลขที่ ๖-๑๙๗-ค-๐๐๐๒
๓) นายณัฐวัฒน์ ศิริโชติ	ทะเบียนเลขที่ ๖-๑๙๗-ค-๐๐๐๓
๔) นายภาสกร สุนทรวีภาด	ทะเบียนเลขที่ ๖-๑๙๗-ค-๐๐๐๔
๕) นายเทพสัน ยมนา	ทะเบียนเลขที่ ๖-๑๙๗-ค-๐๐๐๕
๖) นายวศกร ประเวศโชตินันท์	ทะเบียนเลขที่ ๖-๑๙๗-ค-๐๐๐๖

ข. เจ้าหน้าที่ห้องปฏิบัติการวิเคราะห์เอกชน

๑) นายรวิน เสงี่ยมงาม	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๐๒
๒) นายเศกสรร กลั่นเกษร	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๐๓
๓) นายวัชรรัฐ สันจี	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๐๔
๔) นายศุภฤกษ์ คล่องผจญกิจ	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๐๕
๕) นางสาวพนิดา วรรณบุตร	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๐๖
๖) นายสุรศักดิ์ อุดมุล	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๐๗
๗) นายสมปอง เกตุขุนทด	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๐๘
๘) นายณวัฒน์ ชัยเลิศ	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๐๙
๙) นายวินิจ ขวัญดี	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๑๐
๑๐) นายอนันต์กร นันทแสง	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๑๑
๑๑) นายณัฐพล ตาปราบ	ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๑๒

๑๒) นาย เฉลิมวุฒิ ...

- ๒ -

- ๑๒) นายเฉลิมวุฒิ ภูนิคม
- ๑๓) นายกรวิทย์ มาลากุล ณ อยู่ธยา
- ๑๔) นายวีระเดช คนแรง
- ๑๕) นางสาวธนิษฐา โต๊ะเจ
- ๑๖) นายสถาพร ทองวงค์ญาติ
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- ๑๘) นายชัชวาล รินเหลย
- ๑๙) นางสาวสุกานดา เกิดส่องแสง
- ๒๐) นายโอฬาร บุญพันธ์
- ๒๑) นายมิ่งแมน ศิริโชติ
- ๒๒) นายกิตติคุณ ทาสีเพชร
- ๒๓) นายชาวลิต ศรีแนน
- ๒๔) นายนพรัตน์ จำปาแหม
- ๒๕) นายสุริยะ ศรีโหม
- ๒๖) นางสาวสิริรัตน์ แซ่ลิ้ม
- ๒๗) นางสาวหทัยรัตน์ ลั่นจี
- ๒๘) นายจิตรเทพ มีเงิน
- ๒๙) นายทีปกร ไบโพธิ์
- ๓๐) นายพูนกริช สุวรรณโยธิน
- ๓๑) นางสาวณัฐพร นิละดา
- ๓๒) นายณัฐชนน กองสีหา
- ๓๓) นางสาวกัญญา ยมพา
- ๓๔) นางสาวพรสวรรค์ สีนปราง
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- ๔๒) นายวีรพงษ์ เพ็งตระกูล

- ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๑๓
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๑๔
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ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๒๖
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ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๒๙
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๓๐
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๓๑
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ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๓๓
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๓๔
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๓๕
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๓๖
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๓๗
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๓๘
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๓๙
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๔๐
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๔๑
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๔๒
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๔๓
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๔๔
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๔๕
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๔๖
ทะเบียนเลขที่ ๖-๑๙๗-จ-๐๐๔๗

ค. ขอบข่ายชนิดสารมลพิษที่ได้รับขึ้นทะเบียนให้วิเคราะห์ในน้ำเสีย จำนวน ๔๔ รายการ
น้ำใต้ดิน จำนวน ๑๒๓ รายการ สิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว จำนวน ๓๗ รายการ ดิน จำนวน ๑๒๒ รายการ
และอากาศ จำนวน ๒๘ รายการ รวมทั้งสิ้น ๓๕๕ รายการ ตามสิ่งที่ส่งมาด้วย

หนังสือฉบับนี้ ...



"อุตสาหกรรมก้าวไกล ประเทศไทยก้าวหน้า ร่วมกันพัฒนา อุตสาหกรรมสีเขียว"



"อุตสาหกรรมก้าวไกล ประเทศไทยก้าวหน้า ร่วมกันพัฒนา อุตสาหกรรมสีเขียว"



หนังสือฉบับนี้จะสิ้นสุดอายุในวันที่ ๑๒ ตุลาคม ๒๕๖๒ หากประสงค์จะต่ออายุหนังสือ
รับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน ให้ยื่นคำขอต่ออายุพร้อมเอกสารประกอบคำขอต่อกรมโรงงาน
อุตสาหกรรมภายใน ๖๐ วัน ก่อนวันสิ้นสุดอายุของหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ

(นางสาวปัทมวรรณ คุณประเสริฐ)
ผู้อำนวยการกองวิจัยและเตือนภัยมลพิษโรงงาน
ปฏิบัติการกรมทอนอับกรมโรงงานอุตสาหกรรม

กองวิจัยและเตือนภัยมลพิษโรงงาน
ศูนย์วิจัยและเตือนภัยมลพิษโรงงานภาคตะวันออก
โทร. ๐ ๓๓๑๓ ๖๐๕๙ ต่อ ๕๐๐๑-๒
ไปรษณีย์อิเล็กทรอนิกส์ eirw@diw.mail.go.th



เอกสารแนบท้ายหนังสือต่ออายุรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน
บริษัท เอสจีเอส (ประเทศไทย) จำกัด (สาธารณะของ) เลขทะเบียน ๖-๑๙๗
ที่ อก ๐๓๑๐(๓)/ ๕ ๒ ๓ ๐ ลงวันที่ ๑๓ พฤศจิกายน ๒๕๖๕

ขอขยาสารมลพิษที่ได้รับขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม จำนวน ๓๕๕ รายการ

น้ำเสีย จำนวน 44 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	4,4'-DDD	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾
2	4,4'-DDE	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾
3	4,4'-DDT	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾
4	Aldrin	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾
5	Arsenic	Digestion, Inductively Coupled Plasma Method ⁽⁴⁾
6	Barium	Digestion, Inductively Coupled Plasma Method ⁽⁴⁾
7	Biochemical Oxygen Demand	5-Day BOD Test, Membrane-Electrode Method ⁽⁴⁾
8	Cadmium	Digestion, Inductively Coupled Plasma Method ⁽⁴⁾
9	Chemical Oxygen Demand	Closed Reflux, Titrimetric Method ⁽⁴⁾
10	Chlordane	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾
11	Chromium	Digestion, Inductively Coupled Plasma Method ⁽⁴⁾
12	Color	ADMI Weighted Ordinate Spectrophotometric Method ⁽⁴⁾
13	Copper	Digestion, Inductively Coupled Plasma Method ⁽⁴⁾
14	Cyanide	Total Cyanide after Distillation, Colorimetric Method ⁽⁴⁾
15	Dieldrin	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾
16	Endosulfan I	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾
17	Endosulfan II	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
18	Endosulfan Sulfate	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
19	Endrin	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
20	Endrin Aldehyde	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
21	Formaldehyde	Distillation, Colorimetric Method ^[4]
22	Heptachlor	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
23	Heptachlor Epoxide	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
24	Hexavalent Chromium	Colorimetric Method ^[4]
25	Lead	Digestion, Inductively Coupled Plasma Method ^[4]
26	Manganese	Digestion, Inductively Coupled Plasma Method ^[4]
27	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^[4]
28	Methoxychlor	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
29	Nickel	Digestion, Inductively Coupled Plasma Method ^[4]
30	o,p'-DDT	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
31	Oil and Grease	Liquid-Liquid, Partition-Gravimetric Method ^[4]
32	pH	Electrometric Method ^[4]
33	Phenols	Distillation, Direct Photometric Method ^[4]
34	Selenium	Digestion, Inductively Coupled Plasma Method ^[4]
35	Temperature	Laboratory and Field Methods ^[4]
36	Total Dissolved Solids	Dried at 180 °C ^[4]
37	Total Kjeldahl Nitrogen	Macro-Kjeldahl Method ^[4]
38	Total Suspended Solids	Dried from 103 to 105 °C ^[4]
39	Trivalent Chromium	Calculation ^[4]
40	Zinc	Digestion, Inductively Coupled Plasma Method ^[4]

41 α-BHC...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
41	α-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
42	β-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
43	γ-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
44	δ-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]

น้ำใต้ดิน จำนวน 123 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	1,1,1-Trichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
2	1,1,2,2-Tetrachloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
3	1,1,2-Trichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
4	1,1-Dichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
5	1,1-Dichloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
6	1,2,4-Trichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
7	1,2-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
8	1,2-Dichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
9	1,2-Dichloropropane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
10	1,3,5-Trimethylbenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]

11 1,3-Dichlorobenzene...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
11	1,3-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
12	1,3-Dichloropropane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
13	1,4-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
14	1,3-Dichloropropene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
15	2,4,5-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
16	2,4,6-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
17	2,4-D	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
18	2,4-Dichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
19	2,4-Dimethylphenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
20	2,4-Dinitrophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
21	2,4-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
22	2,6-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
23	2-Chlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
24	2-Methylnaphthalene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
25	2-Methylphenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
26	3,3'-Dichlorobenzidine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]

27 Acenaphthene...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
27	Acenaphthene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
28	Acetone	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
29	Aldrin	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
30	Anthracene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
31	Antimony	1) Digestion, Inductively Coupled Plasma Method ^[6] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
32	Arsenic	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
33	Atrazine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
34	Barium	1) Digestion, Inductively Coupled Plasma Method ^[6] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
35	Benzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
36	Benzo(a)anthracene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
37	Benzo(a)pyrene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
38	Benzo(b)fluoranthene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
39	Benzo(ghi)perylene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
40	Benzo(k)fluoranthene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]

41 Benzoic acid...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
41	Benzoic acid	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
42	Beryllium	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
43	Bis(2-chloroethyl)ether	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
44	Bis(2-ethylhexyl)phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
45	Bromodichloromethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
46	Bromoform	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
47	Butyl benzyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
48	Cadmium	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
49	Carbazole	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
50	Carbon disulfide	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
51	Carbon tetrachloride	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
52	Chlordane	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
53	Chlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
54	Chlorodibromomethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
55	Chloroform	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]

56 Chromium...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
56	Chromium	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
57	Chromium (III)	Calculation ^[4]
58	Chromium (VI)	Colorimetric Method ^[4]
59	Chrysene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
60	cis-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
61	Cyanide	Total Cyanide after Distillation, Colorimetric Method ^[4]
62	DDD	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
63	DDE	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
64	DDT	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
65	Dibenz(a,h)anthracene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
66	Dieldrin	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
67	Diethyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
68	Di-n-butyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
69	Di-n-Octyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
70	Endosulfan	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
71	Endrin	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]

72 Ethylbenzene...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
72	Ethylbenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
73	Fluoranthene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
74	Fluorene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
75	Heptachlor	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
76	Heptachlor Epoxide	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
77	Hexachloro-1,3-butadiene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
78	Hexachlorobenzene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
79	Hexachlorocyclopentadiene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
80	Hexachloroethane	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
81	Indeno(1,2,3-cd)pyrene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
82	Isophorone	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
83	Lead	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
84	Manganese	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
85	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^[4]

86 Methoxychlor...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
86	Methoxychlor	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
87	Methyl bromide	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
88	Methyl tert-butyl ether	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
89	Methylene chloride	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
90	m-Xylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
91	Naphthalene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
92	n-Hexane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
93	Nickel	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
94	Nitrobenzene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
95	N-Nitrosodi-n-propylamine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
96	N-Nitrosodiphenylamine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
97	o-Xylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
98	p-Chloroaniline	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
99	Pentachlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
100	pH	Electrometric Method ^[4]
101	Phenanthrene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]

102 Phenol...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
102	Phenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
103	p-Xylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
104	Pyrene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
105	Selenium	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
106	Silver	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
107	Styrene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
108	Tetrachloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
109	Toluene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
110	Toxaphene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
111	TPH (C5-C8)	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
112	TPH (C>8-C16)	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
113	TPH (C>16-C35)	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
114	trans-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
115	Trichloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]

116 Vanadium...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
116	Vanadium	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
117	Vinyl Acetate	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
118	Vinyl chloride	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
119	Xylene (Total)	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[4]
120	Zinc	1) Digestion, Inductively Coupled Plasma Method ^[4] 2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method ^[4]
121	α-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method ^[4]
122	β-BHC	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]
123	γ-HCH	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ^[4]

อากาศเสีย (ปล่อยระบาย) จำนวน 28 รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	Antimony	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
2	Arsenic	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
3	Beryllium	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
4	Cadmium	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
5	Carbon Monoxide	Instrumental Analyzer Method ^[5]
6	Chlorine	Isokinetic Sampling, Ion Chromatographic Method ^[5]

7 Chromium...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
7	Chromium	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
8	Cobalt	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
9	Copper	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
10	Cresol	Adsorption Sampling, Gas Chromatographic/Mass Spectrometric Method ^[5]
11	Dioxins/Furans	Isokinetic Sampling ^[5]
12	Hydrogen Chloride	Isokinetic Sampling, Ion Chromatographic Method ^[5]
13	Hydrogen Fluoride	Isokinetic Sampling, Ion Chromatographic Method ^[5]
14	Hydrogen Sulfide	Absorption Sampling, Iodometric Method ^[5]
15	Lead	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
16	Manganese	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
17	Mercury	Isokinetic Sampling, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^[5]
18	Nickel	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
19	Opacity	Ringelmann's Method ^[1]
20	Oxides of Nitrogen	1) Instrumental Analyzer Method ^[5] 2) Absorption Sampling, Alkaline Permanganate/Colorimetric Method ^[5]
21	Selenium	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
22	Sulfur Dioxide	1) Absorption Sampling, Barium-Thorin Titrimetric Method ^[5] 2) Instrumental Analyzer Method ^[5]
23	Sulfuric acid	Isokinetic Sampling, Barium-Thorin Titrimetric Method ^[5]
24	Tellurium	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]

25 Tin...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
25	Tin	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
26	Total Suspended Particulate	Isokinetic Sampling, Gravimetric Method ^[5]
27	Vanadium	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ^[5]
28	Xylene	Adsorption Sampling, Gas Chromatographic Method ^[5]

สิ่งปลูกสรหรือวัสดุที่ไม่ใช่แล้ว จำนวน ๓๗ รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	2,4-D	Ultrasonic Extraction, Gas Chromatographic Method ^[6]
2	Aldrin	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]
3	Antimony	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[1,9,10]
4	Arsenic	1) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[9,11] 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[1,9,11]
5	Barium	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
6	Beryllium	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
7	Cadmium	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
8	Chlordane	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]

9 Chromium...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
9	Chromium	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
10	Chromium (III)	Calculation ^[1,9,10,12]
11	Chromium (VI)	1) Alkaline Digestion, Colorimetric Method ^[12] 2) Waste Extraction, Colorimetric Method ^[1,12]
12	Cobalt	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
13	Copper	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
14	DDD	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]
15	DDE	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]
16	DDT	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]
17	Dieldrin	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]
18	Endrin	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]
19	Heptachlor	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]
20	Kepone	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
21	Lead	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
22	Lindane	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]

23 Mercury...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
23	Mercury	1) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^[15] 2) Waste Extraction, Digestion, Thermal Decomposition Atomic Absorption Spectrometric Method ^[1,15]
24	Methoxychlor	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]
25	Mirex	Ultrasonic Extraction, Gas Chromatographic Method ^[7,8]
26	Molybdenum	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
27	Nickel	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
28	PCBs	Ultrasonic Extraction, Gas Chromatographic Method ^[8,16]
29	Pentachlorophenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
30	Selenium	1) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[9,11] 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[1,9,11]
31	Silver	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
32	Silvex	Ultrasonic Extraction, Gas Chromatographic Method ^[6]
33	Thallium	1) Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[9,11] 2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[1,9,11]

34 Toxaphene...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
34	Toxaphene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
35	Trichloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
36	Vanadium	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]
37	Zinc	1) Digestion, Inductively Coupled Plasma Method ^[9,10] 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^[1,9,10]

ดิน จำนวน ๑๒๓ รายการ

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
1	1,1,1-Trichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
2	1,1,2,2-Tetrachloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
3	1,1,2-Trichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
4	1,1-Dichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
5	1,1-Dichloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
6	1,2,4-Trichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
7	1,2-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
8	1,2-Dichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
9	1,2-Dichloropropane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]

10 1,3,5-Trimethylbenzene...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
10	1,3,5-Trimethylbenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
11	1,3-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
12	1,3-Dichloropropane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
13	1,3-Dichloropropene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
14	1,4-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
15	2,4,5-Trichlorophenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
16	2,4,6-Trichlorophenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
17	2,4-D	Ultrasonic Extraction, Gas Chromatographic Method ^[6]
18	2,4-Dichlorophenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
19	2,4-Dimethylphenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
20	2,4-Dinitrophenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
21	2,4-Dinitrotoluene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
22	2,6-Dinitrotoluene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
23	2-Chlorophenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
24	2-Methylnaphthalene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
25	2-Methylphenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]

26 3,3'-Dichlorobenzidine...

ดับที่	สารมลพิษ	วิธีวิเคราะห์
26	3,3'-Dichlorobenzidine	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
27	Acenaphthene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
28	Acetone	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
29	Aldrin	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
30	Anthracene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
31	Antimony	Digestion, Inductively Coupled Plasma Method ^[10,19]
32	Arsenic	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[11,19]
33	Atrazine	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
34	Barium	Digestion, Inductively Coupled Plasma Method ^[10,19]
35	Benzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
36	Benzo(a)anthracene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
37	Benzo(a)pyrene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
38	Benzo(b)fluoranthene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
39	Benzo(ghi)perylene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
40	Benzo(k)fluoranthene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
41	Benzoic acid	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]

42 Beryllium...

ดับที่	สารมลพิษ	วิธีวิเคราะห์
42	Beryllium	Digestion, Inductively Coupled Plasma Method ^[10,19]
43	Bis(2-chloroethyl)ether	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
44	Bis(2-ethylhexyl)phthalate	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
45	Bromodichloromethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
46	Bromoform	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
47	Butyl benzyl phthalate	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
48	Cadmium	Digestion, Inductively Coupled Plasma Method ^[10,19]
49	Carbazole	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
50	Carbon disulfide	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
51	Carbon tetrachloride	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
52	Chlordane	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
53	Chlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
54	Chlorodibromomethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
55	Chloroform	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
56	Chromium	Digestion, Inductively Coupled Plasma Method ^[10,19]
57	Chromium (III)	Calculation ^[9,10,12]
58	Chromium (VI)	Alkaline Digestion, Colorimetric Method ^[12]
59	Chrysene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]

60 cis-1,2-Dichloroethylene...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
60	cis-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
61	Cyanide	Extraction, Distillation, Colorimetric Method ^[20,21,22]
62	DDD	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
63	DDE	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
64	DDT	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
65	Dibenz(a,h)anthracene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
66	Dieldrin	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
67	Diethyl phthalate	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
68	Di-n-butyl phthalate	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
69	Di-n-Octyl phthalate	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
70	Endosulfan	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
71	Endrin	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
72	Ethylbenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
73	Fluoranthene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
74	Fluorene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
75	Heptachlor	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]

76 Heptachlor Epoxide...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
76	Heptachlor Epoxide	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
77	Hexachloro-1,3-butadiene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
78	Hexachlorobenzene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
79	Hexachlorocyclopentadiene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
80	Hexachloroethane	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
81	Indeno(1,2,3-cd)pyrene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
82	Isophorone	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
83	Lead	Digestion, Inductively Coupled Plasma Method ^[10,19]
84	Manganese	Digestion, Inductively Coupled Plasma Method ^[10,19]
85	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^[15]
86	Methoxychlor	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
87	Methyl bromide	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
88	Methyl tert-butyl ether	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
89	Methylene chloride	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
90	m-Xylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
91	Naphthalene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]

92 n-Hexane...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
92	n-Hexane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
93	Nickel	Digestion, Inductively Coupled Plasma Method ^[10,19]
94	Nitrobenzene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
95	N-Nitrosodi-n-propylamine	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
96	N-Nitrosodiphenylamine	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
97	o-Xylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
98	PCBs	Ultrasonic Extraction, Gas Chromatographic Method ^[8,16]
99	p-Chloroaniline	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
100	Pentachlorophenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
101	Phenanthrene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
102	Phenol	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
103	p-Xylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
104	Pyrene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
105	Selenium	Digestion, Inductively Coupled Plasma/Mass Spectrometric Method ^[11,19]
106	Silver	Digestion, Inductively Coupled Plasma Method ^[10,19]
107	Styrene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
108	Tetrachloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]

109 Toluene...

ลำดับที่	สารมลพิษ	วิธีวิเคราะห์
109	Toluene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
110	Toxaphene	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
111	TPH (C5-C8)	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17]
112	TPH (C>8-C16)	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^[8]
113	TPH (C>16-C35)	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^[8]
114	trans-1,2-Dichloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
115	Trichloroethylene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
116	Vanadium	Digestion, Inductively Coupled Plasma Method ^[10,19]
117	Vinyl Acetate	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
118	Vinyl chloride	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
119	Xylene (Total)	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^[17,18]
120	Zinc	Digestion, Inductively Coupled Plasma Method ^[10,19]
121	α-HCH	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
122	β-HCH	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]
123	γ-HCH	Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method ^[13,14]

เอกสารอ้างอิง...

เอกสารอ้างอิง

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การตรวจสอบและรับรองข้อกำหนดสำหรับหน่วยตรวจ
(Conformity assessment — Requirements for the operation of various types of bodies performing inspection)

หมายเลขการรับรองที่ หน่วยตรวจ ๐๐๓๔
(Accreditation No. Inspection 0034)

โดยมีรายละเอียดสาขาและขอบข่ายที่ได้รับรอง แสดงไว้ใน QR CODE และ www.tisi.go.th
(Details of the scheme and scope of the certificate are shown in QR CODE and www.tisi.go.th)

ออกให้ ณ วันที่ ๒๔ เมษายน พ.ศ. ๒๕๖๔
(Issue date : 24 April B.E. 2564 (2021))



96R55de

Signed by ผู้อำนวยการสำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม (Gen.)
Thai Industrial Standards Institute (TISI)
Date: 2021-04-24 10:04:08 (GMT+7:00)

กระทรวงอุตสาหกรรม สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม
(Ministry of Industry Thailand, Thai Industrial Standards Institute)




รายละเอียดแนบท้ายใบรับรองระบบงานหน่วยตรวจ
ใบรับรองเลขที่ 25-IB0009



ชื่อหน่วยตรวจ : บริษัท เอสจีเอส (ประเทศไทย) จำกัด

ที่ตั้งสถานประกอบการของหน่วยตรวจและข้อมูลติดต่อ

ที่ตั้งสำนักงานใหญ่
238 อาคารไทยรุ่งเรือง ชั้น 19-21 ถนนราชมารดา แขวงคลองบางกอกใหญ่ เขตยานนาวา กรุงเทพมหานคร

ที่ตั้งสำนักงานสาขา (กรณีแตกต่างจากที่ตั้งสำนักงานใหญ่)

- 1) สำนักงานศรีราชา
165/61-62 หมู่ 10 ตำบลสุรศักดิ์ อำเภอศรีราชา จังหวัดชลบุรี
- 2) สำนักงานนครราชสีมา
1340/46 ถนนสุรนารายณ์ ตำบลในเมือง อำเภอเมืองนครราชสีมา จังหวัดนครราชสีมา
- 3) สาขาหาดใหญ่
57, 59, 61 ซอย 1 ถนนพหลโยธิน ตำบลหาดใหญ่ อำเภอหาดใหญ่ จังหวัดสงขลา

หมายเลขการรับรอง : หน่วยตรวจ 0034

ประเภทของหน่วยตรวจ : ประเภท A

หมวดหมู่ / สาขาการตรวจ	ขั้นตอนและช่วงการตรวจ	ข้อกำหนดที่ใช้
1. เครื่องแต่งกาย : เสื้อผ้าสำเร็จรูป (เฉพาะสำนักงานใหญ่)	การตรวจสอบการผลิตและการตรวจก่อนการ ส่งออก ในรายการต่อไปนี้ - ลักษณะทั่วไป - รูปแบบและขนาด - ปริมาณและการบรรจุ (เฉพาะการ ตรวจก่อนการส่งออก)	- วิธีปฏิบัติงานของบริษัทหมายเลข P-INSP-WI-SL-001 - ข้อกำหนดของลูกค้า
2. ผลิตภัณฑ์อาหาร : การตรวจผลิตภัณฑ์อาหาร (เฉพาะสำนักงานใหญ่และ สาขาหาดใหญ่)	การตรวจระหว่างการผลิตและการตรวจก่อน การส่งออก สำหรับกลุ่มผลิตภัณฑ์อาหารแช่ แข็งและกลุ่มผลิตภัณฑ์อาหารกระป๋อง	- ขั้นตอนการดำเนินงานของบริษัท หมายเลข P-CORP-I-09 - ข้อกำหนดของลูกค้า
3. ยานยนต์ : รถยนต์ (เฉพาะสำนักงานใหญ่และ สำนักงานศรีราชา)	การตรวจสอบสภาพทั่วไปก่อนการส่งออก ใน รายการต่อไปนี้ - จำนวน - สภาพความสมบูรณ์ภายนอกของ รถยนต์ เช่น สภาพของกระจก สภาพ ทั่วไปของตัวถัง สภาพยางและล้อ ความสะอาด และอื่น ๆ ที่ผู้ขายนอก	- ขั้นตอนการดำเนินงานของบริษัท หมายเลข PR-TH-NR-OGC-IN-001 และ PR-TH-NR-OGC-IN-002 - เอกสาร New Vehicle Receiving and Inspection Procedures Issued May 1, 1989 ของ Federal Chamber of Automotive Industries

ออกให้ครั้งแรกเมื่อวันที่ 11 กันยายน พ.ศ. 2561
กระทรวงอุตสาหกรรม สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม

หน้า 1/5

รายละเอียดแนบท้ายใบรับรองระบบงานหน่วยตรวจ
ใบรับรองเลขที่ 25-IB0009



ชื่อหน่วยตรวจ : บริษัท เอสจีเอส (ประเทศไทย) จำกัด

หมายเลขการรับรอง : หน่วยตรวจ 0034

ประเภทของหน่วยตรวจ : ประเภท A

ชื่อหน่วยตรวจ : บริษัท เอสจีเอส (ประเทศไทย) จำกัด

ที่ตั้งสถานประกอบการของหน่วยตรวจและข้อมูลติดต่อ

ที่ตั้งสำนักงานใหญ่
238 อาคารไทยรุ่งเรือง ชั้น 19-21 ถนนราชมารดา แขวงคลองบางกอกใหญ่ เขตยานนาวา กรุงเทพมหานคร

หมายเลขการรับรอง : หน่วยตรวจ 0034

ประเภทของหน่วยตรวจ : ประเภท A

หมวดหมู่ / สาขาการตรวจ	ขั้นตอนและช่วงการตรวจ	ข้อกำหนดที่ใช้
4. เครื่องจักรกล : ถังก๊าซปิโตรเลียมเหลว (เฉพาะสำนักงานใหญ่)	การตรวจกระบวนการผลิตและการควบคุม คุณภาพ ในรายการต่อไปนี้ - การตรวจชิ้นส่วนประกอบการผลิต - การตรวจระหว่างการประกอบ - การทำงานกระบวนการทางความร้อน - การทดสอบทั้งทางกล การวัด การขยายตัวและการระเบิด และ การตรวจสอบปริมาณ - การตรวจสอบก่อนการส่งออก	- ขั้นตอนการดำเนินงานของบริษัท หมายเลข PR-TH-IE-IN-071 - ข้อกำหนดของลูกค้า
5. สินค้าเกษตร : ข้าวหอมมะลิไทย (เฉพาะสำนักงานใหญ่และ สำนักงานศรีราชา)	การตรวจในขั้นตรวจปล่อย ในรายการต่อไปนี้ - ปริมาณ - คุณภาพทางกายภาพและลักษณะ ทั่วไป ดังต่อไปนี้ • ประสิทธิภาพ • ความบริสุทธิ์ • ความชื้น • ขนาดของเมล็ดข้าว • ส่วนผสม (ข้าวเต็มเมล็ด ข้าวหัก คั้นข้าว) • ข้าวและสิ่งที่ยังมีปนได้ (เมล็ดเสีย เมล็ดเหี่ยว เมล็ดท้องไข เมล็ดแดง ฯลฯ) • ไม่มีเมล็ดที่ยังมีชีวิต • ระดับการขัดสี ไม่ครอบคลุมการตรวจความบริสุทธิ์ด้วยวิธี วิเคราะห์ในห้องปฏิบัติการในการ ปริมาณอมิโลส (Amylose content) และ ค่าการละลายเมล็ดข้าวในด่าง (Alkali spreading value)	- ประกาศกระทรวงพาณิชย์ เรื่อง หลักเกณฑ์และวิธีการการจัดให้มีการ ตรวจสอบมาตรฐานสินค้าข้าวหอม มะลิไทย - ขั้นตอนการดำเนินงานของบริษัท หมายเลข PR-TH-NR-AGR-IN-004 และ PR-TH-NR-AGR-IN-005 - ข้อกำหนดของลูกค้า

รายละเอียดแนบท้ายใบรับรองระบบงานหน่วยตรวจ
ใบรับรองเลขที่ 25-IB0009



ชื่อหน่วยตรวจ : บริษัท เอสจีเอส (ประเทศไทย) จำกัด

หมายเลขการรับรอง : หน่วยตรวจ 0034

ประเภทของหน่วยตรวจ : ประเภท A

ชื่อหน่วยตรวจ : บริษัท เอสจีเอส (ประเทศไทย) จำกัด

ที่ตั้งสถานประกอบการของหน่วยตรวจและข้อมูลติดต่อ

ที่ตั้งสำนักงานใหญ่
238 อาคารไทยรุ่งเรือง ชั้น 19-21 ถนนราชมารดา แขวงคลองบางกอกใหญ่ เขตยานนาวา กรุงเทพมหานคร

หมายเลขการรับรอง : หน่วยตรวจ 0034

ประเภทของหน่วยตรวจ : ประเภท A

หมวดหมู่ / สาขาการตรวจ	ขั้นตอนและช่วงการตรวจ	ข้อกำหนดที่ใช้
6. สินค้าเกษตร : น้ำตาลทรายขาวและ น้ำตาลทรายดิบ (เฉพาะสำนักงานใหญ่ สำนักงานศรีราชา และ สำนักงานนครราชสีมา)	การตรวจลักษณะทั่วไปและปริมาณ ทั้งนี้ไม่รวมผลวิเคราะห์ในห้องปฏิบัติการ	- ขั้นตอนการดำเนินงานของบริษัท หมายเลข PR-TH-NR-AGR-IN-002 และ PR-TH-NR-AGR-IN-003 - ข้อกำหนดของลูกค้า
7. สินค้าเกษตร : ถั่วเหลือง ถั่วเขียว ถั่วลิสง ป่นถั่วเหลือง และ กากถั่วเหลือง (เฉพาะสำนักงานใหญ่ สำนักงานศรีราชา และ สาขาหาดใหญ่)	การตรวจสอบสภาพทั่วไปและการสุ่มตัวอย่าง	- ขั้นตอนการดำเนินงานของบริษัท หมายเลข PR-TH-NR-MIN-IN-001 และ PR-TH-NR-MIN-IN-002
8. การตรวจโรงงานเพื่อการรับรอง คุณภาพผลิตภัณฑ์ (เฉพาะสำนักงานใหญ่)	การตรวจกระบวนการผลิต ระบบคุณภาพ และการตรวจประเมินผลิตภัณฑ์ สำหรับกลุ่ม ผลิตภัณฑ์ ดังต่อไปนี้ - วัสดุก่อสร้าง คอนกรีต สแตนเลส เซรามิก และเครื่องเรือน - บรรจุภัณฑ์สิ่งของ - ไฟฟ้ากำลัง - เครื่องใช้ไฟฟ้า - เครื่องใช้อิเล็กทรอนิกส์ - โภคภัณฑ์ และของเล่น - ยาง เคมี สิ่งทอ ปิโตรเลียม และอาหาร - ยานยนต์ ชิ้นส่วนยานยนต์ และ เครื่องกล	- หลักเกณฑ์การตรวจสอบเพื่อการ อนุญาตของสำนักงานมาตรฐาน ผลิตภัณฑ์อุตสาหกรรม - หลักเกณฑ์เฉพาะในการตรวจสอบเพื่อ การอนุญาตผลิตภัณฑ์ที่เกี่ยวข้อง และ มาตรฐานผลิตภัณฑ์อุตสาหกรรมที่ เกี่ยวข้อง - เอกสารขั้นตอนการดำเนินงานของ บริษัทหมายเลข THLP.01

ออกให้ครั้งแรกเมื่อวันที่ 11 กันยายน พ.ศ. 2561
กระทรวงอุตสาหกรรม สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม

หน้า 2/5

ออกให้ครั้งแรกเมื่อวันที่ 11 กันยายน พ.ศ. 2561
กระทรวงอุตสาหกรรม สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม

หน้า 3/5



ชื่อหน่วยตรวจ : บริษัท เอสจีเอส (ประเทศไทย) จำกัด
หมายเลขการรับรอง : หน่วยตรวจ 0034
ประเภทของหน่วยตรวจ : ประเภท A

หมวดหมู่ / สาขาการตรวจ	ขั้นตอนและช่วงการตรวจ	ข้อกำหนดที่ใช้
9. สิ่งแวดล้อม (เฉพาะสำนักงานใหญ่)	การตรวจคุณภาพสิ่งแวดล้อมภายในอาคาร ในรายการต่อไปนี้ - ระดับเสียง - ความร้อนสะสม - ปริมาณ CO, CO ₂ , PM-10, Ozone, Total VOCs - อุณหภูมิ - ความชื้นสัมพัทธ์ - ความเร็วลม - ระดับความเข้มแสง	- ขั้นตอนการดำเนินงานของบริษัท หมายเลข PR-TH-IE-IN-035, PR-TH-IE-IN-036, PR-TH-IE-IN-038, PR-TH-IE-IN-050, PR-TH-IE-IN-051, PR-TH-IE-IN-052, PR-TH-IE-IN-054 และ PR-TH-IE-IN-055 - ข้อกำหนดของลูกค้า - กฎหมาย กฎและระเบียบต่าง ๆ ที่เกี่ยวข้อง
	การตรวจคุณภาพสิ่งแวดล้อมภายนอกอาคาร ในรายการต่อไปนี้ - ระบบการตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติอย่างต่อเนื่อง (Continuous Emission Monitoring Systems : CEMS) ด้วยเครื่องมือหรือเครื่องอุปกรณ์พิเศษ (ปริมาณ CO, SO ₂ , NO ₂ , O ₂ , CO ₂ , NO และ NO _x)	- ขั้นตอนการดำเนินงานของบริษัท หมายเลข PR-TH-IE-IN-015 และ PR-TH-IE-IN-032 - ข้อกำหนดของลูกค้า - กฎหมาย กฎและระเบียบต่าง ๆ ที่เกี่ยวข้อง
	การตรวจคุณภาพน้ำ ในรายการ - การเก็บตัวอย่างน้ำ - ลักษณะทางกายภาพ (สี กลิ่น รส) - ความเป็นกรด-ด่าง - อุณหภูมิ - ปริมาณออกซิเจนที่ละลายน้ำ (Dissolved Oxygen : DO) - ค่าการนำไฟฟ้า - ค่าความเค็ม - ค่าความขุ่น ทั้งนี้ไม่รวมถึงวิเคราะห์ในห้องปฏิบัติการ	- ขั้นตอนการดำเนินงานของบริษัท หมายเลข PR-TH-IE-IN-043 - ข้อกำหนดของลูกค้า - กฎหมาย กฎและระเบียบต่าง ๆ ที่เกี่ยวข้อง

ออกให้ครั้งแรกเมื่อวันที่ 11 กันยายน พ.ศ. 2561
กระทรวงอุตสาหกรรม สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม

หน้า 4/5



ชื่อหน่วยตรวจ : บริษัท เอสจีเอส (ประเทศไทย) จำกัด
หมายเลขการรับรอง : หน่วยตรวจ 0034
ประเภทของหน่วยตรวจ : ประเภท A

หมวดหมู่ / สาขาการตรวจ	ขั้นตอนและช่วงการตรวจ	ข้อกำหนดที่ใช้
10. สินค้าเกษตร : ข้าวสาลีและกากถั่วเหลือง (เฉพาะสำนักงานใหญ่และสำนักงานศรีราชา)	การตรวจสอบสภาพทั่วไป การสุ่มตัวอย่าง และการสังเกตการณ์การขึ้นน้ำหนัก	- GAFTA Weighing Rules No. 123 - GAFTA Sampling Rules No. 124 - วิธีปฏิบัติงานของบริษัทหมายเลข PR-TH-NR-AGR-IN-006 - ข้อกำหนดของลูกค้า
11. การตรวจสอบสถานประกอบการผลิตวัตถุอันตราย (ที่สำนักงานคณะกรรมการอาหารและยาได้รับจัดสอบ) (เฉพาะสำนักงานใหญ่)	การตรวจสอบสถานที่ และกระบวนการผลิตด้านการจัดการระบบคุณภาพ การสุขาภิบาล และความปลอดภัย	- หลักเกณฑ์วิธีการที่ดีในการผลิตวัตถุอันตราย ที่สำนักงานคณะกรรมการอาหารและยาได้รับจัดสอบ (GMP) - ขั้นตอนการดำเนินงานของบริษัท หมายเลข TH.LPP.3100

ตั้งแต่ วันที่ 26 กุมภาพันธ์ พ.ศ. 2568
ถึง วันที่ 10 กันยายน พ.ศ. 2569
ออกให้ ณ วันที่ 24 เมษายน พ.ศ. 2568

ออกให้ครั้งแรกเมื่อวันที่ 11 กันยายน พ.ศ. 2561
กระทรวงอุตสาหกรรม สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม

หน้า 5/5

Scope of Accreditation for Inspection Body
Certificate No. 25-IB0009



Name of Inspection Body : SGS (Thailand) Limited

Addresses and contact details

Head office or primary location	Additional Locations (if different from Head Office)
238 TRR Tower, 19th-21st Floor, Naradhiwas Rajanagarindra Road, Chong Nonsee, Yannawa, Bangkok	1) Sriracha Office 165/61-62 Moo 10, Surasak, Sriracha, Chonburi
	2) Nakhon Ratchasima Office 1340/46 Suranarai Road, Nai-Muang, Muang Nakhonratchasima, Nakhonratchasima
	3) Hat Yai Branch 57, 59 and 61 Soi 10, Phetkasem Road, Hat Yai, Hat Yai, Songkhla

Accreditation No. : INSPECTION 0034
Type of Inspection Body : Type A

Category / Field of Inspection	Stage and Range of Inspection	Inspection Requirements or Criteria
1. Apparel : Readymade Garment (Head office)	In-line process and Pre-shipment inspection of readymade garment with the items as follows : - General appearance - Style, Size and Weight of unit - Quantity and Packing (Pre-shipment inspection)	- Work instruction of SGS (Thailand) Limited : P-INSP-WI-SL-001 - Customer's requirements
2. Food Products : Food Inspection (Head Office and Hat Yai Branch)	During process inspection and Pre-shipment inspection of food products covering frozen food products and canned food products	- Operating procedure of SGS (Thailand) Limited : P-CORP-4-09 - Customer's requirements
3. Motor Vehicle : Automotive (Head Office and Sriracha Office)	Pre-shipment inspection of general condition of vehicle with the items as follows : - Quantity - Visual inspection of external condition e.g. glass, body, tires, wheels, cleanliness etc.	- Operating procedure of SGS (Thailand) Limited : PR-TH-NR-OGC-IN-001 and PR-TH-NR-OGC-IN-002 - New Vehicle Receiving and Inspection Procedures Issued May 1, 1989 of Federal Chamber of Automotive Industries

Scope of Accreditation for Inspection Body
Certificate No. 25-IB0009



Name of Inspection Body : SGS (Thailand) Limited

Accreditation No. : INSPECTION 0034

Type of Inspection Body : Type A

Category / Field of Inspection	Stage and Range of Inspection	Inspection Requirements or Criteria
4. Machinery : LPG Cylinder (Head Office)	Production process and quality control inspection with the items as follows : - Component parts - During assembly - Heat treatment - Mechanical, Hydraulic pressure leak, Volumetric expansion, Burst test and Capacity check - Pre-delivery inspection	- Operating procedure of SGS (Thailand) Limited : PR-TH-IE-IN-071 - Customer's requirements
5. Agricultural Products : Thai Hom Mali Rice (Head Office and Nakhon Ratchasima Office)	Pre-shipment inspection with the items as follows : - Quantity - Physical quality and general feature as follows : • Type, Grade • Purity • Moisture • Kernel size • Composition (whole kernel, broken, head rice) • Rice and matters that may be present (damaged kernel, yellow kernel, chalky kernel, red kernel, etc.) • No live insects • Milling degree Not covering the purity check by laboratory analysis for determination of Amylose content and Alkali spreading value	- Notification of Ministry of Commerce on Criteria and procedures of organizing the inspection of commodity standards and the inspection of the standards of Thai Hom Mali Rice - Operating procedure of SGS (Thailand) Limited : PR-TH-NR-AGR-IN-004 and PR-TH-NR-AGR-IN-005 - Customer's requirements



Name of Inspection Body : SGS (Thailand) Limited
Accreditation No. : INSPECTION 0034
Type of Inspection Body : Type A

Category / Field of Inspection	Stage and Range of Inspection	Inspection Requirements or Criteria
6. Agricultural Products : White sugar and raw sugar (Head Office, Sriracha Office and Nakhon Ratchasima Office)	General appearance and quantity inspection Excluding analysis by laboratory testing	- Operating procedure of SGS (Thailand) Limited : PR-TH-NR-AGR- IN-002 and PR-TH-NR-AGR-IN-003 - Customer's requirements
7. Bulk Solids : Coal, cement, gypsum, clinker, limestone and sedimentary rock (Head Office, Sriracha Office and Hat Yai Branch)	General appearance inspection and sampling	- Operating procedure of SGS (Thailand) Limited : PR-TH-NR-MIN- IN-001 and PR-TH-NR-MIN-IN-002
8. Manufacturing inspection for product certification (Head Office)	Production process and quality control system inspection including the evaluation of the following group of products : - Construction materials, concretes, sanitary wares, ceramics, and furniture - Electrical lighting and similar equipment - Electrical power devices - Electrical appliances - Electronic apparatus, parts, and components - Consumer goods and toys - Rubbers, chemicals, textiles, petroleum, and food products - Automotive products, parts, and mechanical products	- Criteria for product certification of Thai Industrial Standards Institute - Criteria for the relevant particular requirements and Thai Industrial Standards for product certification - Operating procedure of SGS (Thailand) Limited : THLPP.01

Date of Initial Issue : 11 September BE. 2561 (2018)
Ministry of Industry Thailand, Thai Industrial Standards Institute
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Name of Inspection Body : SGS (Thailand) Limited
Accreditation No. : INSPECTION 0034
Type of Inspection Body : Type A

Category / Field of Inspection	Stage and Range of Inspection	Inspection Requirements or Criteria
9. Environmental (Head Office)	Indoor Environment Inspection with the items as follows : - Sound level - Heat stress - CO, CO ₂ , PM-10, Ozone, Total VOCs - Temperature - Relative humidity - Air velocity - Light intensity	- Operating procedure of SGS (Thailand) Limited : PR-TH-IE-IN-035, PR-TH-IE-IN-036, PR-TH-IE-IN-038, PR-TH-IE-IN-050, PR-TH-IE-IN-051, PR-TH-IE-IN-052, PR-TH-IE-IN-054, and PR-TH-IE-IN-055 - Customer's requirement - Related laws and regulations
	Outdoor Environment Inspection, the items as follows : - Continuous Emission Monitoring System : CEMS (CO, SO ₂ , NO ₂ , O ₂ , CO ₂ , NO, and NO _x)	- Operating procedure of SGS (Thailand) Limited : PR-TH-IE-IN- 015 and PR-TH-IE-IN-032 - Customer's requirement - Related laws and regulations
	Water Inspection, the items as follows : - Water sampling - Physical appearance (Color, Suspended Solids) - pH - Temperature - Dissolved Oxygen : DO - Conductivity - Salinity - Turbidity Excludes laboratory analysis result	- Operating procedure of SGS (Thailand) Limited : PR-TH-IE-IN- 043 - Customer's requirement - Related laws and regulations

Date of Initial Issue : 11 September BE. 2561 (2018)
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Name of Inspection Body : SGS (Thailand) Limited
Accreditation No. : INSPECTION 0034
Type of Inspection Body : Type A

Category / Field of Inspection	Stage and Range of Inspection	Inspection Requirements or Criteria
10. Agricultural Products : Wheat and soybean meal (Head Office and Sriracha Office)	General appearance inspection, Sampling, and weighing observation	- GAFTA Weighing Rules No. 123 - GAFTA Sampling Rules No.124 - Operating procedure of SGS (Thailand) Limited : PR-TH-NR-AGR- IN-006 - Customer's requirement
11. Factory inspection of hazardous substance manufacturer (under the responsibility of the Food and Drug Administration) (Head office)	Inspection of physical location and production processes regarding the management of quality, sanitation and safety	- Criteria for Good Manufacturing Practice for Hazardous Substances under the Responsibility of the Food and Drug Administration - Procedure of SGS (Thailand) Limited : THLPP.3100

Valid from : 26 February B.E. 2568 (2025)
Until : 10 September B.E. 2569 (2026)
Issue Date : 24 April B.E. 2568 (2025)



ใบรับรองระบบงาน
(Certificate of Accreditation)

อาศัยอำนาจตามความในพระราชบัญญัติการมาตรฐานแห่งชาติ พ.ศ. ๒๕๕๑
(By Virtue of National Standardization Act B.E. 2551 (2008))

เลขาธิการสำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม
(Secretary-General, Thai Industrial Standards Institute)

ออกใบรับรองฉบับนี้ให้
(Issues this certificate to)

บริษัท เอสจีเอส (ประเทศไทย) จำกัด ห้องปฏิบัติการทดสอบสิ่งแวดล้อม (สาขารอยง)
(SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch))

ตั้งอยู่เลขที่
(Address)

๑/๒๐๔ และ ๑/๒๐๕ หมู่ที่ ๑ ตำบลบ้านฉาง อำเภอบ้านฉาง จังหวัดระยอง
(1/209 and 1/211 Moo 1, Ban Chang, Ban Chang, Rayong)

ได้รับการรับรองความสามารถ
(Certificate of competence)

ตามมาตรฐานเลขที่ มอก. ๑๗๐๒๕ - ๒๕๖๑
(Standard No. TIS 17025-2561 (2018) (ISO/IEC 17025: 2017))

ข้อกำหนดทั่วไปว่าด้วยความสามารถของ ห้องปฏิบัติการทดสอบและห้องปฏิบัติการสอบเทียบ
General requirements for the competence of testing and calibration laboratories

หมายเลขการรับรองที่ ทดสอบ ๐๔๗๐
(Accreditation No. Testing 0470)

โดยมีรายละเอียดสาขาและขอบข่ายที่ได้ใบรับรอง แสดงไว้ใน QR CODE และ www.tisi.go.th
(Details of the scheme and scope of the certificate are shown in QR CODE and www.tisi.go.th)

ออกให้ ณ วันที่ ๒๐ กุมภาพันธ์ พ.ศ. ๒๕๖๖
(Issue date : 20 February B.E. 2566 (2023))

รองเลขาธิการสำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม
ปฏิบัติราชการแทน
เลขาธิการสำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม




กระทรวงอุตสาหกรรม สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม
(Ministry of Industry Thailand, Thai Industrial Standards Institute)

Certificate Of Conformance

This is to certify that the Quality Management System of:

SGS (Thailand) Limited
238 TRR Tower, 19th-21st Floor Naradhiwas Rajanagarindra Road, Chong Nonsi
Yannawa Bangkok 10120
Thailand
(WITH ADDITIONAL FACILITIES LISTED ON ATTACHED ANNEX)

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

ISO 9001:2015

The Quality Management System is applicable to:

Provision of Physical Inspection, Fumigation, and Laboratory Testing and Calibration

Certificate No: **52229**
Certification Date: **30 JUL 2015**
Effective Date: **06 AUG 2025**
Expiration Date: **24 JUL 2026**
Revision Date: **06 AUG 2025**


Dominic Townsend, President



This certificate's validity is subject to the organization maintaining their system in accordance with ABS Quality Evaluations, Inc. 1701 City Plaza Dr Spring, TX 77389 USA requirements for certification. It is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof. Validity may be confirmed (www.abs-qe.com) or assessed (the code to the right with a smartphone). For certificates issued in the People's Republic of China information may also be verified on the Certification Administration of the People's Republic of China's website (www.cca.gov.cn). The certificate remains the property of ABS Quality Evaluations, Inc. to whom it must be returned upon request.

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ISO 9001:2015

Certificate Of Conformance ANNEX

Certificate No: 52229

SGS (Thailand) Limited

At the below facilities

FACILITY NAME	FACILITY ACTIVITY	ADDRESS
SGS (Thailand) Limited	Management of QMS and Inspection Service	238 TRR Tower, 19th-21st Floor Naradhiwas Rajanagarindra Road, Chong Nonsi Yannawa Bangkok 10120, Thailand
Rayong Branch	Inspection and Testing Service	1/209 and 1/211 Moo 1, T. Ban Chang, A. Ban Chang Rayong 21130, Thailand
Siracha Office	Inspection and Fumigation Service	165/6-162 Moo 10 Surasak, Siracha Chonburi 20110, Thailand
Nakornratchasima Office	Inspection and Fumigation Service	1140/46 Surasarak Road, T. Nak-Muang, A. Muang Nakornratchasima 30000, Thailand
Hat Yai Branch	Inspection and Testing Service	57, 59 and 61 Soi 10 Phetkasem Road, T. Hat Yai, A. Hat Yai Songkhla 90110, Thailand
Rama III Branch, Laboratory Services	Testing Service	10,10/1-12 Rama III Road, Soi 59 Chongnonsi, Yannawa Bangkok 10120, Thailand
SGS (Cambodia) Limited	Inspection Service	No.1076 A-2, Street 371, Phum Teas 8, Sangkat Siem Reap, Phnom Penh, Cambodia
Rama III Branch - Soft Line & Hard goods Laboratory Services	Testing Service	1025/1 Soi Rama III 61, Rama III Road Chongnonsi, Yannawa Bangkok 10120, Thailand

This certificate's validity is subject to the organization maintaining their system in accordance with ABS Quality Evaluations, Inc. 1701 City Plaza Dr Spring, TX 77389 USA requirements for certification. It is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof. Validity may be confirmed (www.abs-qe.com) or assessed (the code to the right with a smartphone). For certificates issued in the People's Republic of China information may also be verified on the Certification Administration of the People's Republic of China's website (www.cca.gov.cn). The certificate remains the property of ABS Quality Evaluations, Inc. to whom it must be returned upon request.

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Certificate Of Conformance

This is to certify that the Occupational Health and Safety Management System of:

SGS (Thailand) Limited
238 TRR Tower, 19th-21st Floor Naradhiwas Rajanagarindra Road, Chong Nonsi
Yannawa Bangkok 10120
Thailand
(WITH ADDITIONAL FACILITIES LISTED ON ATTACHED ANNEX)

has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

ISO 45001:2018

The Occupational Health and Safety Management System is applicable to:

Provision of Physical Inspection, Fumigation, and Laboratory Testing and Calibration

Certificate No: **61139**
Certification Date: **07 SEP 2020**
Effective Date: **08 AUG 2025**
Expiration Date: **06 SEP 2026**
Revision Date: **08 AUG 2025**


Dominic Townsend, President



This certificate's validity is subject to the organization maintaining their system in accordance with ABS Quality Evaluations, Inc. 1701 City Plaza Dr Spring, TX 77389 USA requirements for certification. It is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof. Validity may be confirmed (www.abs-qe.com) or assessed (the code to the right with a smartphone). For certificates issued in the People's Republic of China information may also be verified on the Certification Administration of the People's Republic of China's website (www.cca.gov.cn). The certificate remains the property of ABS Quality Evaluations, Inc. to whom it must be returned upon request.

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ISO 45001:2018

Certificate Of Conformance ANNEX

Certificate No: 61139

SGS (Thailand) Limited

At the below facilities

FACILITY NAME	FACILITY ACTIVITY	ADDRESS
SGS (Thailand) Limited	Management of OHS and Inspection Services	238 TRR Tower, 19th-21st Floor Naradhiwas Rajanagarindra Road, Chong Nonsi Yannawa Bangkok 10120, Thailand
Rayong Branch	Inspection and Testing Service	1/209 and 1/211 Moo 1, T. Ban Chang, A. Ban Chang Rayong 21130, Thailand
Siracha Office	Inspection and Fumigation Service	165/6-162 Moo 10 Surasak, Siracha Chonburi 20110, Thailand
Nakornratchasima Office	Inspection and Fumigation Service	1140/46 Surasarak Road, T. Nak-Muang, A. Muang Nakornratchasima 30000, Thailand
Hat Yai Branch	Inspection and Testing Service	57, 59 and 61 Soi 10 Phetkasem Road, T. Hat Yai, A. Hat Yai Songkhla 90110, Thailand
Rama III Branch, Laboratory Services	Testing Service	10,10/1-12 Rama III Road, Soi 59 Chongnonsi, Yannawa Bangkok 10120, Thailand
Eastern Seaboard Office, Automotive Laboratory Services	Testing Service	Eastern Seaboard Industrial Estate 300/109 Moo 1, Ta Su, Phukdaeng Rayong 21140, Thailand
Rama III Branch - Soft Line & Hard goods Laboratory Services	Testing Service	1025/1 Soi Rama III 61, Rama III Road Chongnonsi, Yannawa Bangkok 10120, Thailand
Amata City Chonburi Branch	Testing Service	700/693 Moo7, T. Don Hua Roh, A. Muang Chonburi Chonburi 20000, Thailand

This certificate's validity is subject to the organization maintaining their system in accordance with ABS Quality Evaluations, Inc. 1701 City Plaza Dr Spring, TX 77389 USA requirements for certification. It is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof. Validity may be confirmed (www.abs-qe.com) or assessed (the code to the right with a smartphone). For certificates issued in the People's Republic of China information may also be verified on the Certification Administration of the People's Republic of China's website (www.cca.gov.cn). The certificate remains the property of ABS Quality Evaluations, Inc. to whom it must be returned upon request.

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