# ภาคผนวก

# ภาคผนวก ก

## สำเนาหนังสือเห็นชอบจากสผ. และเงื่อนไขที่โครงการต้องปฏิบัติตามรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม



ที่ ทส ๑๐๐๙.๗/ ๘๘๐๘

สำนักงานนโยบายและแผน
ทรัพยากรธรรมชาติและสิ่งแวดล้อม
ถนนพระรามที่ ๖ แขวงสามเสนใน
เขตพญาไท กรุงเทพฯ ๑๐๔๐๐

๒๗ กรกฎาคม ๒๕๕๘

เรื่อง แจ้งผลการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังความร้อนร่วมโรจนะเพาเวอร์ ๓ จังหวัดพระนครศรีอยุธยา ของบริษัท โรจนะเพาเวอร์ จำกัด

เรียน กรรมการผู้จัดการบริษัท โรจนะเพาเวอร์ จำกัด

อ้างถึง ๑. หนังสือสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ที่ ทส ๑๐๐๙.๗/๓๘๔๒ ลงวันที่ ๒๗ มีนาคม ๒๕๕๘
๒. หนังสือบริษัท โรจนะเพาเวอร์ จำกัด ที่ RP2015/175 ลงวันที่ 29 พฤษภาคม 2558

สิ่งที่ส่งมาด้วย ๑. มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังความร้อนร่วมโรจนะเพาเวอร์ ๓ จังหวัดพระนครศรีอยุธยา ของบริษัท โรจนะเพาเวอร์ จำกัด ตั้งอยู่ที่ตำบลอุทัยและตำบลสามบัณฑิต อำเภออุทัย จังหวัดพระนครศรีอยุธยา ต้องยึดถือปฏิบัติอย่างเคร่งครัด
๒. แนวทางการเสนอรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม สำหรับโครงการด้านอุตสาหกรรม โครงการนิคมอุตสาหกรรมหรือโครงการที่มีลักษณะเดียวกับนิคมอุตสาหกรรม และโครงการด้านพลังงาน

ตามหนังสือที่อ้างถึง ๑ และ ๒ สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ได้แจ้งมติคณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม ด้านโรงไฟฟ้าพลังความร้อน ในการประชุมครั้งที่ ๘/๒๕๕๘ เมื่อวันที่ ๑๙ มีนาคม ๒๕๕๘ ไม่ให้ความเห็นชอบรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังความร้อนร่วมโรจนะเพาเวอร์ ๓ จังหวัดพระนครศรีอยุธยา ของบริษัท โรจนะเพาเวอร์ จำกัด ตั้งอยู่ที่ตำบลอุทัยและตำบลสามบัณฑิต อำเภออุทัย จังหวัดพระนครศรีอยุธยา โดยให้บริษัทฯ ทำการแก้ไขเพิ่มเติมตามแนวทางหรือรายละเอียดที่คณะกรรมการผู้ชำนาญการฯ กำหนด และบริษัท โรจนะเพาเวอร์ จำกัด ให้เสนอรายงานข้อมูลเพิ่มเติมครั้งที่ ๒ สำหรับรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังความร้อนร่วมโรจนะเพาเวอร์ ๓ จังหวัดพระนครศรีอยุธยา ของบริษัท โรจนะเพาเวอร์ จำกัด จัดทำโดยบริษัท ทีม คอนซัลติ้ง เอนจิเนียริ่ง แอนด์ แมเนจเมนท์ จำกัด ให้สำนักงานนโยบายฯ พิจารณา ความละเอียดแจ้งแล้ว นั้น

สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ได้พิจารณานำรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังความร้อนร่วมโรจนะเพาเวอร์ ๓ จังหวัดพระนครศรีอยุธยา ของบริษัท โรจนะเพาเวอร์ จำกัด เสนอต่อคณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม ด้านโรงไฟฟ้าพลังความร้อน ตามลำดับขั้นตอนการพิจารณา และในการประชุมคณะกรรมการผู้ชำนาญการฯ ครั้งที่ ๑๖/๒๕๕๘ เมื่อวันที่ ๔ มิถุนายน ๒๕๕๘ คณะกรรมการ



ผู้ชำนาญการฯ มีมติให้ความเห็นชอบรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงไฟฟ้าพลังความร้อนร่วมโรจนะเพาเวอร์ ๓ จังหวัดพระนครศรีอยุธยา ของบริษัท โรจนะเพาเวอร์ จำกัด ตั้งอยู่ที่ตำบลอุทัยและตำบลสามบัณฑิต อำเภออุทัย จังหวัดพระนครศรีอยุธยา โดยให้โครงการฯ ปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมอย่างเคร่งครัด รายละเอียดตามสิ่งที่ส่งมาด้วย ๑ ทั้งนี้ หากบริษัท โรจนะเพาเวอร์ จำกัด ได้รับอนุญาตจากหน่วยงานอนุญาตแล้ว สำนักงานนโยบายฯ ขอความร่วมมือบริษัท โรจนะเพาเวอร์ จำกัด ส่งสำเนาใบอนุญาตพร้อมเงื่อนไขให้สำนักงานนโยบายฯ ทราบด้วย สำหรับการรายงานผลการปฏิบัติตามมาตรการด้านสิ่งแวดล้อมที่นำเสนอไว้ในรายงานฯ ให้เป็นไปตามแนวทางการเสนอรายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม รายละเอียดตามสิ่งที่ส่งมาด้วย ๒ อนึ่ง สำนักงานนโยบายฯ ขอให้บริษัท โรจนะเพาเวอร์ จำกัด ประสานผู้จัดทำรายงานฯ ให้ดำเนินการรวบรวมรายละเอียดข้อมูลทั้งหมดเรียงตามลำดับการพิจารณาของคณะกรรมการผู้ชำนาญการฯ จำนวน ๑ เล่ม พร้อมแผ่นบันทึกข้อมูล (CD-ROM) ในรูปของ Digital File (pdf) Adobe Acorbat จำนวน ๒ แผ่น พร้อมทั้งให้จัดทำรายงานฉบับสมบูรณ์ที่ปรับปรุงตามข้อคิดเห็นของคณะกรรมการผู้ชำนาญการฯ จำนวน ๓ เล่ม พร้อมแผ่นบันทึกข้อมูล (CD-ROM) ในรูปของ Digital File (pdf) Adobe Acrobat จำนวน ๘ แผ่น เสนอให้สำนักงานนโยบายฯ ภายในเวลา ๑ เดือน เพื่อใช้เป็นเอกสารอ้างอิงและส่งให้หน่วยงานที่เกี่ยวข้องต่อไป ทั้งนี้ สำนักงานนโยบายฯ ได้มีสำเนาหนังสือแจ้งบริษัท ทีม คอนซัลติ้ง เอนจิเนียริ่ง แอนด์ แมเนจเมนท์ จำกัด เพื่อดำเนินการในส่วนที่เกี่ยวข้องต่อไปด้วยแล้ว

จึงเรียนมาเพื่อโปรดทราบและพิจารณาดำเนินการต่อไป

ขอแสดงความนับถือ

[redacted]

(นางบัวผัน เตมานิตย์นาวิน)
รองเลขาธิการฯ ปฏิบัติราชการแทน
**เลขาธิการสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม**

สำนักวิเคราะห์ผลกระทบสิ่งแวดล้อม
โทรศัพท์ ๐ ๒๒๖๕ ๖๖๒๘
โทรสาร ๐ ๒๒๖๕ ๖๖๑๖

# ภาคผนวก ข

# ใบรับรองผลการตรวจวิเคราะห์

# ภาคผนวก ข- 1

# ใบรับรองผลการตรวจวิเคราะห์

# คุณภาพอากาศจากปล่องระบาย

Docusign Envelope ID: 7D033990-CE5B-49C5-9011-428EFDA66666

SGS

**Report No. : 2025-500005674-3 / 001-1 (Page 1 of 2)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Emission Air
**Sampling Location** : HRSG 1 Stack (CTG#1), Rojana Power Plant 3, Ayutthaya Province
**Sampling By** : Nawat Chailoed (ว-197-จ-0009)
: Winit Khaundee (ว-197-จ-0010)
**Laboratory Name** : SGS (Thailand) Limited (ว-197)

**Sampling Date** : November 26, 2025
**Sampling Time** : 11:15-12:15 hrs. (For TSP)
: 11:21-11:50 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 | 3.0 | - | - | - | - |
| Stack Height | | m | 40.0 | - | - | - | - |
| Stack Temperature | | $^{o}C$ | 98.4 | - | - | - | - |
| Absolute Stack Pressure | | mm.Hg | 759.7 | - | - | - | - |
| Air Velocity | | m/s | 15.64 | - | - | - | U.S. EPA Method 2 |
| Volumetric Flow Rate at actual $O_2$ | | $Nm^3/hr.$ | 292,535 | - | - | - | |
| Moisture | | % | 8.29 | - | - | - | U.S. EPA Method 4 |
| $O_2$ | | % | 15.65 | - | - | - | U.S. EPA Method 3A |
| $CO_2$ | | % | 2.80 | - | - | - | |
| TSP | at actual $O_2$ | $mg/Nm^3$ | 0.14 | - | - | - | U.S. EPA Method 5 |
| | at 7% $O_2$ | $mg/Nm^3$ | 0.37 | 10 | 60 | 320 | |
| | Emission rate | g/sec | 0.011 | 0.51 | - | - | |
| $SO_2$ | at actual $O_2$ | ppm | N.D. | - | - | - | U.S. EPA Method 6C |
| | at 7% $O_2$ | ppm | N.D. | 10 | 20 | 60 | |
| | Emission rate | g/sec | N.D. | 1.33 | - | - | |
| $NO_x$ as $NO_2$ | at actual $O_2$ | ppm | 14.36 | - | - | - | U.S. EPA Method 7E |
| | at 7% $O_2$ | ppm | 37.99 | 60 | 120 | 200 | |
| | Emission rate | g/sec | 2.196 | 5.74 | - | - | |
| CO | at actual $O_2$ | ppm | 55.00 | - | - | - | U.S. EPA Method 10 |
| | at 7% $O_2$ | ppm | 145.51 | - | - | 690 | |
| | Emission rate | g/sec | 5.118 | - | - | - | |

**Remarks :** - N = Normal condition means reference condition at temperature of 25 $^{o}C$, pressure of 1 atm or 760 mm.Hg, dry basis.
- N.D. = Not Detected, Detection Limit of $SO_2$ at actual $O_2$ <0.0001 ppm (<0.00002 g/sec).

**Sources :** 1/ Emission standard of Rojana Power Plant, according to approved EIA of Rojana Power Plant as approval letter No. Tor Sor 1009.7/8808 dated July 27, B.E. 2558 (2015).
2/ Emission standard for Determination of Air Pollutant Emission Limits from Power Plants, Notification of the Ministry Industry, B.E. 2567 (2024).
3/ Emission standard for industry, Notification of the Ministry of Industry, B.E. 2549 (2006).

Reviewed by [redacted]
(Phatsakorn Soonthornwiphat)
Technical Specialist Section Head
License ID: ว-197-ค-0004

Approved by [redacted]
(Thepsan Yommana)
Technical Specialist Manager
License ID: ว-197-ค-0005

SGS (THAILAND) LIMITED

TY/OC/KK/KK

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

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**Report No. : 2025-500005674-3 / 001-1 (Page 2 of 2)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Emission Air
**Sampling Location** : HRSG 1 Stack (CTG#1), Rojana Power Plant 3, Ayutthaya Province
**Sampling By** : Nawat Chailoed
: Winit Khaundee

**Sampling Date** : November 26, 2025
**Sampling Time** : 10:10-11:10 hrs. (For PM-10)
**Received Date** : November 28, 2025
**Analysis Date** : December 8-17, 2025
**Laboratory Name** : SGS (Thailand) Limited

| Parameter | | Unit | Value | Standard[1/] | Standard[2/] | Standard[3/] | Analytical Method |
|---|---|---|---|---|---|---|---|
| PM-10 | at actual $O_2$ | $mg/Nm^3$ | N.D. | - | - | - | U.S. EPA Method 201A |
| | at 7% $O_2$ | $mg/Nm^3$ | N.D. | 10 | - | - | |
| | Emission rate | g/sec | N.D. | 0.51 | - | - | |

**Remarks :** - N = Normal condition means reference condition at temperature of 25 $^{o}C$, pressure of 1 atm or 760 mm.Hg, dry basis.
- N.D. = Not Detected, Detection Limit of PM-10 at actual $O_2$ <0.08 $mg/Nm^3$ (<0.006 g/sec).

**Sources :** 1/ Emission standard of Rojana Power Plant, according to approved EIA of Rojana Power Plant as approval letter No. Tor Sor 1009.7/8808 dated July 27, B.E. 2558 (2015).
2/ Emission standard for Determination of Air Pollutant Emission Limits from Power Plants, Notification of the Ministry Industry, B.E. 2567 (2024).
3/ Emission standard for industry, Notification of the Ministry of Industry, B.E. 2549 (2006).

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

Approved by [redacted]
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Technical Specialist Manager

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**Report No. : 2025-500005674-3 / 001-2 (Page 1 of 2)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Emission Air
**Sampling Location** : HRSG 2 Stack (CTG#2), Rojana Power Plant 3, Ayutthaya Province
**Sampling By** : Nawat Chailoed (ว-197-จ-0009)
: Winit Khaundee (ว-197-จ-0010)
**Laboratory Name** : SGS (Thailand) Limited (ว-197)

**Sampling Date** : November 27, 2025
**Sampling Time** : 11:20-12:20 hrs. (For TSP)
: 11:21-11:50 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 | 3.0 | - | - | - | - |
| Stack Height | | m | 40.0 | - | - | - | - |
| Stack Temperature | | °C | 99.4 | - | - | - | - |
| Absolute Stack Pressure | | mm.Hg | 761.2 | - | - | - | - |
| Air Velocity | | m/s | 13.57 | - | - | - | U.S. EPA Method 2 |
| Volumetric Flow Rate at actual $O_2$ | | $Nm^3/hr.$ | 252,906 | - | - | - | |
| Moisture | | % | 8.60 | - | - | - | U.S. EPA Method 4 |
| $O_2$ | | % | 15.69 | - | - | - | U.S. EPA Method 3A |
| $CO_2$ | | % | 2.86 | - | - | - | |
| TSP | at actual $O_2$ | $mg/Nm^3$ | 0.16 | - | - | - | U.S. EPA Method 5 |
| | at 7% $O_2$ | $mg/Nm^3$ | 0.42 | 10 | 60 | 320 | |
| | Emission rate | g/sec | 0.011 | 0.51 | - | - | |
| $SO_2$ | at actual $O_2$ | ppm | N.D. | - | - | - | U.S. EPA Method 6C |
| | at 7% $O_2$ | ppm | N.D. | 10 | 20 | 60 | |
| | Emission rate | g/sec | N.D. | 1.33 | - | - | |
| $NO_x$ as $NO_2$ | at actual $O_2$ | ppm | 14.83 | - | - | - | U.S. EPA Method 7E |
| | at 7% $O_2$ | ppm | 39.59 | 60 | 120 | 200 | |
| | Emission rate | g/sec | 1.960 | 5.74 | - | - | |
| CO | at actual $O_2$ | ppm | 49.82 | - | - | - | U.S. EPA Method 10 |
| | at 7% $O_2$ | ppm | 133.01 | - | - | 690 | |
| | Emission rate | g/sec | 4.008 | - | - | - | |

**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 $SO_2$ at actual $O_2$ <0.0001 ppm (<0.00002 g/sec).

**Sources :** 1/ Emission standard of Rojana Power Plant, according to approved EIA of Rojana Power Plant as approval letter No. Tor Sor 1009.7/8808 dated July 27, B.E. 2558 (2015).
2/ Emission standard for Determination of Air Pollutant Emission Limits from Power Plants, Notification of the Ministry Industry, B.E. 2567 (2024).
3/ Emission standard for industry, Notification of the Ministry of Industry, B.E. 2549 (2006).

Reviewed by [redacted]
(Phatsakorn Soonthornwiphat)
Technical Specialist Section Head
License ID: ว-197-ค-0004

Approved by [redacted]
(Thepsan Yommana)
Technical Specialist Manager
License ID: ว-197-ค-0005

SGS (THAILAND) LIMITED

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**Report No. : 2025-500005674-3 / 001-2 (Page 2 of 2)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Emission Air
**Sampling Location** : HRSG 2 Stack (CTG#2), Rojana Power Plant 3, Ayutthaya Province
**Sampling By** : Nawat Chailoed
: Winit Khaundee

**Sampling Date** : November 27, 2025
**Sampling Time** : 10:10-10:59 hrs. (For PM-10)
**Received Date** : November 28, 2025
**Analysis Date** : December 8-17, 2025
**Laboratory Name** : SGS (Thailand) Limited

| Parameter | | Unit | Value | Standard[1/] | Standard[2/] | Standard[3/] | Analytical Method |
|---|---|---|---|---|---|---|---|
| PM-10 | at actual $O_2$ | $mg/Nm^3$ | N.D. | - | - | - | U.S. EPA Method 201A |
| | at 7% $O_2$ | $mg/Nm^3$ | N.D. | 10 | - | - | |
| | Emission rate | g/sec | N.D. | 0.51 | - | - | |

**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 PM-10 at actual $O_2$ <0.10 $mg/Nm^3$ (<0.008 g/sec).

**Sources :** 1/ Emission standard of Rojana Power Plant, according to approved EIA of Rojana Power Plant as approval letter No. Tor Sor 1009.7/8808 dated July 27, B.E. 2558 (2015).
2/ Emission standard for Determination of Air Pollutant Emission Limits from Power Plants, Notification of the Ministry Industry, B.E. 2567 (2024).
3/ Emission standard for industry, Notification of the Ministry of Industry, B.E. 2549 (2006).

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

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

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# ภาคผนวก ข- 2

# ใบรับรองผลการตรวจวิเคราะห์

# คุณภาพอากาศในบรรยากาศโดยทั่วไป

SGS

**Report No.** : **2025-500005674-3/ 002-1 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : วัดโตนดเตี้ย
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| Sampling Date | Parameter | |
|---|---|---|
| | TSP ($mg/m^3$) | PM-10 ($mg/m^3$) |
| 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)

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

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**Report No.** : **2025-500005674-3/ 002-1 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : วัดโตนดเตี้ย
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| 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 [redacted]
(Thepsan Yommana)
Technical Specialist Manager
SGS (THAILAND) LIMITED

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**Report No.** : **2025-500005674-3/ 002-1 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : วัดโนนตเดี้ย
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| 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** | | | | | | |

**Sources :** * 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 [redacted]
(Thepsan Yommana)
Technical Specialist Manager

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**Report No.** : **2025-500005674-3/ 002-2 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : อบต. บ้านช้าง
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| Sampling Date | Parameter | |
|---|---|---|
| | TSP ($mg/m^3$) | PM-10 ($mg/m^3$) |
| 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)

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

SGS (THAILAND) LIMITED

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**Report No.** : **2025-500005674-3/ 002-2 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : อบต. บ้านช้าง
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| 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 [redacted]
(Thepsan Yommana)
Technical Specialist Manager

SGS (THAILAND) LIMITED

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**Report No.** : **2025-500005674-3/ 002-2 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : อบต. บ้านช้าง
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| 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** | | | | | | |

**Sources :** * 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 [redacted]
(Thepsan Yommana)
Technical Specialist Manager

SGS (THAILAND) LIMITED

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

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**Report No.** : **2025-500005674-3/ 002-3 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : สำนักงานโครงการ
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| Sampling Date | Parameter | |
|---|---|---|
| | TSP ($mg/m^3$) | PM-10 ($mg/m^3$) |
| Nov 24-25, 2025 | 0.081 | 0.026 |
| Nov 25-26, 2025 | 0.115 | 0.036 |
| Nov 26-27, 2025 | 0.110 | 0.036 |
| Nov 27-28, 2025 | 0.128 | 0.037 |
| Nov 28-29, 2025 | 0.121 | 0.036 |
| Nov 29-30, 2025 | 0.134 | 0.058 |
| Nov 30-Dec 1, 2025 | 0.142 | 0.059 |
| **Standard*** | **≤0.33** | **≤0.12** |

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

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

SGS (THAILAND) LIMITED

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**Report No.** : **2025-500005674-3/ 002-3 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : สำนักงานโครงการ
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| 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 | 0.010 | 0.013 | 0.013 | 0.010 | 0.009 | 0.009 | 0.009 |
| 12:00-13:00 | 0.009 | 0.016 | 0.013 | 0.010 | 0.011 | 0.007 | 0.011 |
| 13:00-14:00 | 0.008 | 0.012 | 0.011 | 0.010 | 0.010 | 0.005 | 0.012 |
| 14:00-15:00 | 0.009 | 0.012 | 0.011 | 0.009 | 0.012 | 0.008 | 0.008 |
| 15:00-16:00 | 0.009 | 0.008 | 0.008 | 0.007 | 0.012 | 0.007 | 0.006 |
| 16:00-17:00 | 0.006 | 0.008 | 0.008 | 0.006 | 0.010 | 0.008 | 0.007 |
| 17:00-18:00 | 0.004 | 0.006 | 0.007 | 0.007 | 0.008 | 0.009 | 0.010 |
| 18:00-19:00 | 0.005 | 0.005 | 0.005 | 0.009 | 0.008 | 0.006 | 0.006 |
| 19:00-20:00 | 0.005 | 0.009 | 0.007 | 0.012 | 0.006 | 0.010 | 0.009 |
| 20:00-21:00 | 0.004 | 0.007 | 0.006 | 0.014 | 0.007 | 0.008 | 0.007 |
| 21:00-22:00 | 0.007 | 0.008 | 0.006 | 0.005 | 0.007 | 0.008 | 0.008 |
| 22:00-23:00 | 0.006 | 0.010 | 0.013 | 0.006 | 0.009 | 0.006 | 0.009 |
| 23:00-00:00 | 0.008 | 0.006 | 0.011 | 0.008 | 0.010 | 0.011 | 0.013 |
| 00:00-01:00 | 0.006 | 0.005 | 0.010 | 0.006 | 0.007 | 0.007 | 0.013 |
| 01:00-02:00 | 0.008 | 0.007 | 0.007 | 0.008 | 0.007 | 0.008 | 0.007 |
| 02:00-03:00 | 0.008 | 0.006 | 0.008 | 0.006 | 0.009 | 0.009 | 0.007 |
| 03:00-04:00 | 0.006 | 0.011 | 0.012 | 0.008 | 0.010 | 0.012 | 0.012 |
| 04:00-05:00 | 0.010 | 0.009 | 0.005 | 0.009 | 0.012 | 0.011 | 0.014 |
| 05:00-06:00 | 0.011 | 0.010 | 0.008 | 0.007 | 0.011 | 0.009 | 0.009 |
| 06:00-07:00 | 0.006 | 0.007 | 0.013 | 0.009 | 0.012 | 0.006 | 0.008 |
| 07:00-08:00 | 0.009 | 0.006 | 0.006 | 0.007 | 0.008 | 0.006 | 0.010 |
| 08:00-09:00 | 0.010 | 0.009 | 0.007 | 0.005 | 0.007 | 0.009 | 0.008 |
| 09:00-10:00 | 0.012 | 0.011 | 0.009 | 0.006 | 0.005 | 0.010 | 0.007 |
| 10:00-11:00 | 0.012 | 0.012 | 0.009 | 0.006 | 0.008 | 0.006 | 0.008 |
| **1 hr.-Minimum** | **0.004** | **0.005** | **0.005** | **0.005** | **0.005** | **0.005** | **0.006** |
| **1 hr.-Maximum** | **0.012** | **0.016** | **0.013** | **0.014** | **0.012** | **0.012** | **0.014** |
| **Standard* (avg. 1 hr.)** | **≤0.17** | | | | | | |

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

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

SGS (THAILAND) LIMITED

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**Report No.** : **2025-500005674-3/ 002-3 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : สำนักงานโครงการ
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| 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 | 0.001 | 0.004 | 0.004 | 0.002 | 0.004 | 0.004 | 0.003 |
| 12:00-13:00 | 0.003 | 0.003 | 0.005 | 0.003 | 0.004 | 0.003 | 0.002 |
| 13:00-14:00 | 0.003 | 0.003 | 0.003 | 0.002 | 0.002 | 0.003 | 0.003 |
| 14:00-15:00 | 0.003 | 0.002 | 0.006 | 0.002 | 0.002 | 0.002 | 0.002 |
| 15:00-16:00 | 0.002 | 0.003 | 0.006 | 0.004 | 0.002 | 0.003 | 0.004 |
| 16:00-17:00 | 0.004 | 0.004 | 0.003 | 0.003 | 0.004 | 0.002 | 0.002 |
| 17:00-18:00 | 0.001 | 0.003 | 0.004 | 0.004 | 0.004 | 0.003 | 0.004 |
| 18:00-19:00 | 0.004 | 0.003 | 0.003 | 0.004 | 0.003 | 0.004 | 0.003 |
| 19:00-20:00 | 0.001 | 0.003 | 0.005 | 0.004 | 0.004 | 0.005 | 0.002 |
| 20:00-21:00 | 0.003 | 0.004 | 0.004 | 0.003 | 0.003 | 0.003 | 0.002 |
| 21:00-22:00 | 0.004 | 0.004 | 0.005 | 0.003 | 0.003 | 0.003 | 0.003 |
| 22:00-23:00 | 0.003 | 0.002 | 0.004 | 0.004 | 0.002 | 0.003 | 0.002 |
| 23:00-00:00 | 0.002 | 0.003 | 0.004 | 0.004 | 0.003 | 0.004 | 0.003 |
| 00:00-01:00 | 0.001 | 0.003 | 0.006 | 0.004 | 0.004 | 0.006 | 0.002 |
| 01:00-02:00 | 0.003 | 0.004 | 0.005 | 0.004 | 0.004 | 0.003 | 0.002 |
| 02:00-03:00 | 0.005 | 0.007 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 03:00-04:00 | 0.002 | 0.006 | 0.003 | 0.005 | 0.003 | 0.005 | 0.003 |
| 04:00-05:00 | 0.002 | 0.005 | 0.002 | 0.004 | 0.005 | 0.002 | 0.002 |
| 05:00-06:00 | 0.006 | 0.004 | 0.005 | 0.005 | 0.005 | 0.003 | 0.003 |
| 06:00-07:00 | 0.006 | 0.005 | 0.004 | 0.003 | 0.003 | 0.005 | 0.002 |
| 07:00-08:00 | 0.006 | 0.002 | 0.004 | 0.003 | 0.004 | 0.004 | 0.002 |
| 08:00-09:00 | 0.005 | 0.003 | 0.004 | 0.003 | 0.004 | 0.003 | 0.003 |
| 09:00-10:00 | 0.005 | 0.005 | 0.003 | 0.002 | 0.005 | 0.004 | 0.002 |
| 10:00-11:00 | 0.003 | 0.002 | 0.004 | 0.002 | 0.005 | 0.004 | 0.003 |
| **1 hr.-Minimum** | **0.001** | **0.002** | **0.002** | **0.002** | **0.002** | **0.002** | **0.002** |
| **1 hr.-Maximum** | **0.006** | **0.007** | **0.006** | **0.005** | **0.005** | **0.006** | **0.004** |
| **Average 24 hrs.** | **0.003** | **0.004** | **0.004** | **0.003** | **0.004** | **0.004** | **0.003** |
| **Standard* (avg. 1 hr.)** | **≤0.30** | | | | | | |
| **Standard** (avg. 24 hrs.)** | **≤0.12** | | | | | | |

**Sources :** * 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 [redacted]
(Thepsan Yommana)
Technical Specialist Manager

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**Report No.** : **2025-500005674-3/ 002-4 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : โรงพยาบาลส่งเสริมสุขภาพตำบลบ้านข้าง
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| Sampling Date | Parameter | |
|---|---|---|
| | TSP ($mg/m^3$) | PM-10 ($mg/m^3$) |
| Nov 24-25, 2025 | 0.049 | 0.036 |
| Nov 25-26, 2025 | 0.059 | 0.050 |
| Nov 26-27, 2025 | 0.055 | 0.039 |
| Nov 27-28, 2025 | 0.010 | 0.006 |
| Nov 28-29, 2025 | 0.043 | 0.038 |
| Nov 29-30, 2025 | 0.055 | 0.049 |
| Nov 30-Dec 1, 2025 | 0.038 | 0.028 |
| **Standard*** | **≤0.33** | **≤0.12** |

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

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

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**Report No.** : **2025-500005674-3/ 002-4 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : โรงพยาบาลส่งเสริมสุขภาพตำบลบ้านช้าง
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| 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 | 0.003 | 0.003 | 0.003 | 0.002 | 0.003 | 0.003 | 0.003 |
| 12:00-13:00 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| 13:00-14:00 | 0.006 | 0.003 | 0.006 | 0.007 | 0.004 | 0.003 | 0.003 |
| 14:00-15:00 | 0.010 | 0.003 | 0.005 | 0.007 | 0.003 | 0.003 | 0.003 |
| 15:00-16:00 | 0.007 | 0.003 | 0.005 | 0.006 | 0.004 | 0.003 | 0.003 |
| 16:00-17:00 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 | 0.003 | 0.003 |
| 17:00-18:00 | 0.004 | 0.005 | 0.004 | 0.004 | 0.006 | 0.003 | 0.003 |
| 18:00-19:00 | 0.005 | 0.005 | 0.003 | 0.004 | 0.005 | 0.003 | 0.007 |
| 19:00-20:00 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | 0.003 | 0.006 |
| 20:00-21:00 | 0.004 | 0.004 | 0.005 | 0.003 | 0.003 | 0.003 | 0.007 |
| 21:00-22:00 | 0.003 | 0.004 | 0.005 | 0.003 | 0.003 | 0.004 | 0.013 |
| 22:00-23:00 | 0.006 | 0.006 | 0.007 | 0.005 | 0.005 | 0.005 | 0.016 |
| 23:00-00:00 | 0.006 | 0.007 | 0.008 | 0.011 | 0.006 | 0.008 | 0.012 |
| 00:00-01:00 | 0.006 | 0.005 | 0.004 | 0.007 | 0.008 | 0.006 | 0.009 |
| 01:00-02:00 | 0.006 | 0.003 | 0.004 | 0.006 | 0.007 | 0.006 | 0.005 |
| 02:00-03:00 | 0.003 | 0.003 | 0.003 | 0.005 | 0.005 | 0.004 | 0.004 |
| 03:00-04:00 | 0.003 | 0.009 | 0.004 | 0.056 | 0.004 | 0.004 | 0.004 |
| 04:00-05:00 | 0.003 | 0.016 | 0.003 | 0.062 | 0.004 | 0.004 | 0.004 |
| 05:00-06:00 | 0.004 | 0.003 | 0.003 | 0.003 | 0.003 | 0.005 | 0.004 |
| 06:00-07:00 | 0.003 | 0.003 | 0.003 | 0.004 | 0.003 | 0.003 | 0.004 |
| 07:00-08:00 | 0.003 | 0.004 | 0.003 | 0.005 | 0.003 | 0.003 | 0.004 |
| 08:00-09:00 | 0.006 | 0.003 | 0.002 | 0.005 | 0.003 | 0.003 | 0.003 |
| 09:00-10:00 | 0.002 | 0.002 | 0.003 | 0.006 | 0.003 | 0.002 | 0.002 |
| 10:00-11:00 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 | 0.003 | 0.003 |
| **1 hr.-Minimum** | **0.002** | **0.002** | **0.002** | **0.002** | **0.003** | **0.002** | **0.002** |
| **1 hr.-Maximum** | **0.010** | **0.016** | **0.008** | **0.062** | **0.008** | **0.008** | **0.016** |
| **Standard* (avg. 1 hr.)** | **≤0.17** | | | | | | |

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

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

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**Report No.** : **2025-500005674-3/ 002-4 (Page 1 of 6)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Air
**Sampling Location** : โรงพยาบาลส่งเสริมสุขภาพตำบลบ้านช้าง
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited

**Sampling Date** : November 24-December 1, 2025
**Received Date** : December 2, 2025
**Analysis Date** : December 2-17, 2025

| 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 | 0.002 | 0.002 | 0.006 | 0.002 | 0.002 | 0.002 |
| 12:00-13:00 | 0.001 | 0.004 | 0.002 | 0.009 | 0.003 | 0.002 | 0.002 |
| 13:00-14:00 | 0.002 | 0.001 | 0.001 | 0.008 | 0.008 | 0.005 | 0.002 |
| 14:00-15:00 | 0.002 | 0.002 | 0.012 | 0.001 | 0.013 | 0.001 | 0.003 |
| 15:00-16:00 | 0.002 | 0.001 | 0.018 | 0.010 | 0.003 | 0.003 | 0.001 |
| 16:00-17:00 | 0.004 | 0.006 | 0.002 | 0.001 | 0.002 | 0.003 | 0.001 |
| 17:00-18:00 | 0.002 | 0.002 | 0.002 | 0.004 | 0.002 | 0.003 | 0.004 |
| 18:00-19:00 | 0.003 | 0.002 | 0.003 | 0.005 | 0.002 | 0.002 | 0.004 |
| 19:00-20:00 | 0.002 | 0.002 | 0.001 | 0.005 | 0.004 | 0.002 | 0.005 |
| 20:00-21:00 | 0.001 | 0.004 | 0.003 | 0.004 | 0.002 | 0.002 | 0.005 |
| 21:00-22:00 | 0.006 | 0.001 | 0.001 | 0.005 | 0.003 | 0.001 | 0.006 |
| 22:00-23:00 | 0.002 | 0.002 | 0.004 | 0.005 | 0.003 | 0.004 | 0.002 |
| 23:00-00:00 | 0.002 | 0.001 | 0.002 | 0.002 | 0.002 | 0.004 | 0.001 |
| 00:00-01:00 | 0.004 | 0.002 | 0.003 | 0.002 | 0.001 | 0.002 | 0.002 |
| 01:00-02:00 | 0.002 | 0.003 | 0.003 | 0.002 | 0.003 | 0.002 | 0.002 |
| 02:00-03:00 | 0.002 | 0.002 | 0.003 | 0.003 | 0.011 | 0.003 | 0.002 |
| 03:00-04:00 | 0.003 | 0.003 | 0.003 | 0.003 | 0.008 | 0.003 | 0.002 |
| 04:00-05:00 | 0.003 | 0.004 | 0.003 | 0.003 | 0.006 | 0.003 | 0.004 |
| 05:00-06:00 | 0.002 | 0.002 | 0.002 | 0.003 | 0.001 | 0.004 | 0.003 |
| 06:00-07:00 | 0.002 | 0.004 | 0.002 | 0.002 | 0.002 | 0.003 | 0.002 |
| 07:00-08:00 | 0.004 | 0.001 | 0.006 | 0.002 | 0.004 | 0.002 | 0.002 |
| 08:00-09:00 | 0.005 | 0.007 | 0.001 | 0.002 | 0.004 | 0.002 | 0.003 |
| 09:00-10:00 | 0.002 | 0.001 | 0.010 | 0.001 | 0.003 | 0.003 | 0.001 |
| 10:00-11:00 | 0.006 | 0.001 | 0.003 | 0.001 | 0.001 | 0.001 | 0.002 |
| **1 hr.-Minimum** | **0.001** | **0.001** | **0.001** | **0.001** | **0.001** | **0.001** | **0.001** |
| **1 hr.-Maximum** | **0.006** | **0.007** | **0.018** | **0.010** | **0.013** | **0.005** | **0.006** |
| **Average 24 hrs.** | **0.003** | **0.003** | **0.004** | **0.004** | **0.004** | **0.003** | **0.003** |
| **Standard* (avg. 1 hr.)** | **≤0.30** | | | | | | |
| **Standard** (avg. 24 hrs.)** | **≤0.12** | | | | | | |

**Sources :** * 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 [redacted]
(Thepsan Yommana)
Technical Specialist Manager

SGS (THAILAND) LIMITED

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

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**Report No.** : 2025-500006574-3 / 003-1 (Page 2 of 3) **Issued date:** December 20, 2025

**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wind speed and Direction **Sampling Date** : November 24-December 1, 2025

**Measurement Location** : วัดโตนดเตี้ย **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 [redacted]

(Thepsan Yommana)

Technical Specialist Manager

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**Report No.** : 2025-500006574-3 / 003-1 (Page 3 of 3) **Issued date:** December 20, 2025

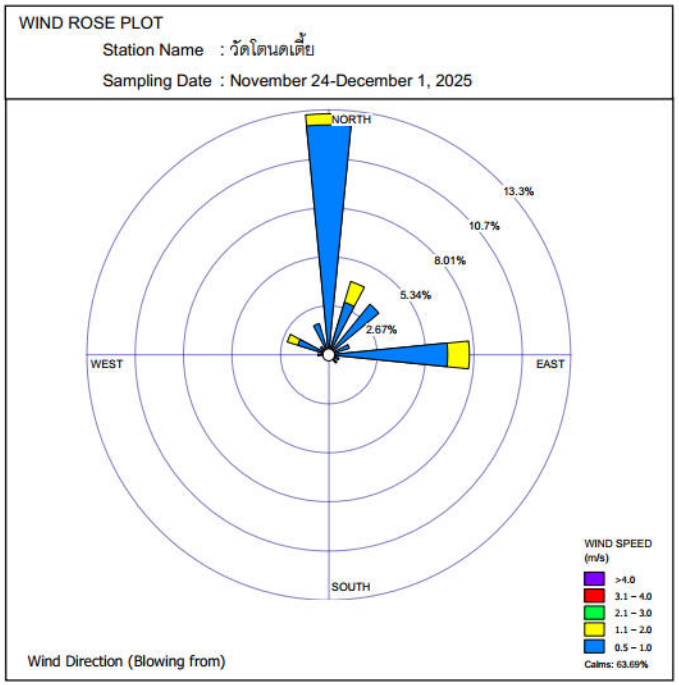
**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wind speed and Direction **Sampling Date** : November 24-December 1, 2025

**Measurement Location** : วัดโตนดเตี้ย **Measured By** : Oran Boonphan




Approved by [redacted]

(Thepsan Yommana)

Technical Specialist Manager

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**Report No.** : 2025-500006574-3 / 003-2 (Page 1 of 3) **Issued date:** December 20, 2025

**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, 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 [redacted]

(Thepsan Yommana)

Technical Specialist Manager

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**Report No.** : 2025-500006574-3 / 003-2 (Page 2 of 3) **Issued date:** December 20, 2025

**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, 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 Direction \ Wind Speed | 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 [redacted]

(Thepsan Yommana)

Technical Specialist Manager

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**Report No.** : 2025-500006574-3 / 003-2 (Page 3 of 3) **Issued date:** December 20, 2025

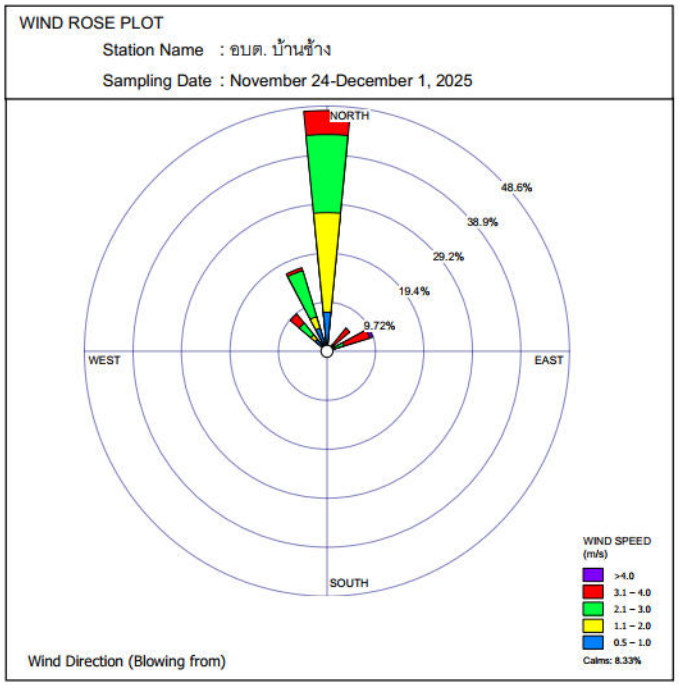
**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, 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 [redacted]

(Thepsan Yommana)

Technical Specialist Manager

SGS (THAILAND) LIMITED

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**Report No.** : 2025-500006574-3 / 003-3 (Page 1 of 3) **Issued date:** December 20, 2025

**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wind speed and Direction **Sampling Date** : November 24-December 1, 2025

**Measurement Location** : สำนักงานโครงการ **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 | 4.5 | NE | 4.0 | NE | 4.0 | NE | 4.9 | NNE | 3.6 | N | 2.2 | N | 2.7 |
| 12:00-13:00 | NNE | 4.5 | NE | 4.0 | NE | 4.0 | NE | 5.4 | NNE | 4.0 | N | 2.2 | N | 2.7 |
| 13:00-14:00 | NNE | 4.5 | NE | 4.0 | NE | 4.0 | NE | 4.9 | NNE | 3.6 | N | 2.7 | NW | 2.7 |
| 14:00-15:00 | NE | 3.6 | NE | 4.0 | NNE | 3.6 | NE | 4.9 | NNE | 4.0 | N | 2.7 | N | 2.2 |
| 15:00-16:00 | NE | 3.6 | NE | 4.0 | NE | 3.6 | NNE | 4.0 | NNE | 3.6 | N | 3.1 | NW | 2.2 |
| 16:00-17:00 | NE | 3.1 | NE | 3.6 | NE | 3.1 | NE | 4.0 | NNE | 3.1 | NW | 2.7 | NW | 2.2 |
| 17:00-18:00 | NNE | 2.2 | NE | 2.7 | NE | 2.7 | NE | 3.1 | NNE | 2.2 | NW | 2.7 | NW | 2.2 |
| 18:00-19:00 | NNE | 0.9 | NNE | 2.7 | NNE | 1.8 | NNE | 2.2 | NNE | 1.3 | NW | 2.2 | NW | 1.3 |
| 19:00-20:00 | NNE | 0.9 | NNE | 1.8 | NNE | 1.3 | NE | 1.8 | - | Calm | NW | 1.3 | NW | 0.9 |
| 20:00-21:00 | NNE | 1.8 | NNE | 1.3 | NNE | 1.3 | NE | 0.9 | N | 0.9 | NW | 1.3 | NW | 0.9 |
| 21:00-22:00 | NNE | 0.9 | NNE | 1.8 | NNE | 1.3 | NNE | 1.3 | - | Calm | NW | 1.3 | NW | 0.9 |
| 22:00-23:00 | NNE | 0.9 | NNE | 1.3 | NNE | 1.3 | NNE | 0.9 | N | 0.9 | N | 0.9 | WNW | 0.9 |
| 23:00-00:00 | N | 1.3 | N | 1.3 | NNE | 2.2 | NNE | 0.9 | NNE | 0.9 | N | 1.3 | WNW | 0.9 |
| 00:00-01:00 | N | 0.9 | N | 1.8 | NNE | 2.2 | N | 0.9 | - | Calm | - | Calm | NW | 0.9 |
| 01:00-02:00 | N | 0.9 | N | 2.7 | N | 1.8 | N | 1.8 | - | Calm | - | Calm | N | 0.9 |
| 02:00-03:00 | N | 1.3 | N | 2.2 | N | 1.3 | N | 1.8 | N | 0.9 | - | Calm | - | Calm |
| 03:00-04:00 | NNE | 1.8 | N | 2.7 | NNE | 2.2 | N | 2.2 | NNE | 0.9 | - | Calm | - | Calm |
| 04:00-05:00 | NNE | 2.2 | NNE | 2.7 | NNE | 2.7 | N | 2.2 | N | 0.9 | N | 0.9 | - | Calm |
| 05:00-06:00 | NNE | 2.2 | NNE | 2.7 | N | 2.7 | N | 2.7 | N | 1.3 | - | Calm | - | Calm |
| 06:00-07:00 | NNE | 2.2 | NNE | 2.2 | NNE | 3.1 | N | 3.1 | N | 1.3 | - | Calm | - | Calm |
| 07:00-08:00 | NE | 2.7 | NNE | 2.2 | NNE | 3.1 | N | 3.1 | N | 1.8 | - | Calm | - | Calm |
| 08:00-09:00 | NE | 4.0 | NNE | 3.1 | NNE | 3.6 | N | 3.1 | N | 2.2 | N | 1.3 | N | 0.9 |
| 09:00-10:00 | NE | 4.0 | NE | 3.6 | NE | 4.9 | N | 3.6 | N | 2.2 | N | 1.8 | NNE | 1.8 |
| 10:00-11:00 | NE | 4.0 | NE | 4.0 | NE | 5.4 | NNE | 4.0 | N | 2.2 | N | 2.2 | - | Calm |

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

Approved by [redacted]

(Thepsan Yommana)

Technical Specialist Manager

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**Report No.** : 2025-500006574-3 / 003-3 (Page 2 of 3) **Issued date:** December 20, 2025

**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wind speed and Direction **Sampling Date** : November 24-December 1, 2025

**Measurement Location** : สำนักงานโครงการ **Measured By** : Oran Boonphan

| Wind Direction \ Wind Speed | 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 | 6.55 | 8.33 | 10.71 | 2.98 | - |
| NNE | 4.76 | 8.33 | 8.93 | 7.74 | 1.19 |
| NE | 0.60 | 0.60 | 1.79 | 12.50 | 4.17 |
| ENE | - | - | - | - | - |
| E | - | - | - | - | - |
| ESE | - | - | - | - | - |
| SE | - | - | - | - | - |
| SSE | - | - | - | - | - |
| S | - | - | - | - | - |
| SSW | - | - | - | - | - |
| SW | - | - | - | - | - |
| WSW | - | - | - | - | - |
| W | - | - | - | - | - |
| WNW | 1.19 | - | - | - | - |
| NW | 2.38 | 2.38 | 4.17 | - | - |
| NNW | - | - | - | - | - |
| **CALMS** | **10.71** | | | | |

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

Approved by [redacted]

(Thepsan Yommana)

Technical Specialist Manager

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**Report No.** : 2025-500006574-3 / 003-3 (Page 3 of 3) **Issued date:** December 20, 2025

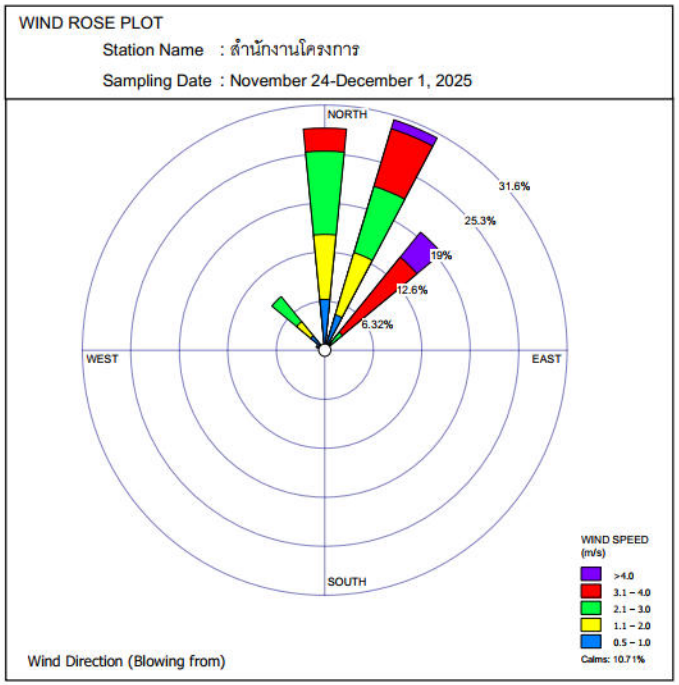
**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wind speed and Direction **Sampling Date** : November 24-December 1, 2025

**Measurement Location** : สำนักงานโครงการ **Measured By** : Oran Boonphan




Approved by [redacted]

(Thepsan Yommana)

Technical Specialist Manager

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**Report No.** : 2025-500006574-3 / 003-4 (Page 1 of 3) **Issued date:** December 20, 2025

**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wind speed and Direction **Sampling Date** : November 24-December 1, 2025

**Measurement Location** : โรงพยาบาลส่งเสริมสุขภาพตำบลบ้านช้าง **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 | NNE | 2.7 | NNE | 3.1 | N | 2.7 | NE | 3.1 | NE | 3.1 | NW | 2.2 | N | 2.2 |
| 12:00-13:00 | NNE | 2.7 | N | 3.1 | N | 2.7 | N | 4.0 | NE | 3.1 | NNW | 2.7 | NW | 2.7 |
| 13:00-14:00 | NE | 3.1 | N | 2.7 | N | 3.1 | N | 3.6 | NE | 3.1 | NNW | 2.2 | NNW | 2.7 |
| 14:00-15:00 | NE | 2.7 | N | 2.7 | N | 3.1 | N | 3.6 | NNE | 3.1 | N | 2.2 | N | 2.7 |
| 15:00-16:00 | N | 2.7 | N | 3.1 | N | 3.1 | N | 3.6 | NE | 2.7 | NW | 3.1 | NW | 2.2 |
| 16:00-17:00 | NNE | 3.1 | N | 3.1 | N | 2.7 | N | 3.1 | N | 2.7 | NNW | 3.1 | NW | 2.2 |
| 17:00-18:00 | NNE | 3.1 | ENE | 2.7 | N | 2.7 | N | 2.7 | NNW | 2.7 | NW | 3.1 | NW | 2.2 |
| 18:00-19:00 | N | 1.8 | ENE | 2.7 | N | 1.8 | N | 2.7 | NNE | 1.8 | NW | 3.1 | NW | 2.2 |
| 19:00-20:00 | NNE | 1.8 | N | 2.2 | N | 1.8 | N | 1.8 | N | 1.3 | NW | 1.8 | NW | 1.3 |
| 20:00-21:00 | NNE | 1.8 | N | 1.8 | N | 2.2 | N | 1.8 | - | Calm | WNW | 1.3 | - | Calm |
| 21:00-22:00 | N | 1.3 | N | 1.8 | N | 2.2 | N | 1.8 | NNW | 1.3 | NW | 1.3 | NNW | 0.9 |
| 22:00-23:00 | NNE | 1.8 | N | 1.3 | N | 2.2 | N | 1.3 | NNW | 1.3 | NNW | 0.9 | - | Calm |
| 23:00-00:00 | N | 1.8 | N | 1.3 | N | 2.7 | N | 1.8 | NNW | 1.3 | NW | 1.3 | NW | 0.9 |
| 00:00-01:00 | NW | 1.3 | N | 1.8 | N | 1.8 | N | 1.8 | N | 1.3 | NW | 0.9 | - | Calm |
| 01:00-02:00 | N | 2.2 | N | 1.8 | N | 2.2 | N | 2.2 | NNE | 1.3 | NW | 1.3 | N | 0.9 |
| 02:00-03:00 | N | 2.2 | N | 1.8 | N | 2.2 | N | 2.2 | NW | 1.3 | NW | 1.3 | N | 1.3 |
| 03:00-04:00 | NNE | 2.2 | N | 2.2 | N | 2.2 | N | 2.2 | N | 1.8 | N | 0.9 | N | 1.3 |
| 04:00-05:00 | NE | 2.2 | N | 2.2 | N | 2.2 | N | 2.7 | N | 1.8 | - | Calm | NW | 0.9 |
| 05:00-06:00 | NNE | 2.7 | N | 2.2 | N | 2.7 | N | 3.1 | NNW | 2.2 | - | Calm | NNW | 1.3 |
| 06:00-07:00 | N | 2.7 | N | 2.2 | N | 2.7 | N | 2.7 | N | 2.2 | NNW | 0.9 | NW | 4.0 |
| 07:00-08:00 | NE | 2.2 | N | 2.7 | NNE | 3.1 | N | 3.1 | NNE | 2.2 | - | Calm | NW | 4.0 |
| 08:00-09:00 | NE | 2.7 | N | 2.7 | N | 3.1 | N | 3.1 | NW | 1.8 | - | Calm | NNW | 4.9 |
| 09:00-10:00 | NNE | 2.7 | N | 2.2 | N | 3.1 | NNE | 3.1 | NNE | 2.2 | NW | 1.3 | NW | 4.0 |
| 10:00-11:00 | N | 2.7 | NE | 2.7 | N | 3.1 | NE | 3.1 | NNW | 2.2 | N | 1.8 | NW | 2.7 |

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

Approved by [redacted]

(Thepsan Yommana)

Technical Specialist Manager

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**Report No.** : 2025-500006574-3 / 003-4 (Page 2 of 3) **Issued date:** December 20, 2025

**Client** : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wind speed and Direction **Sampling Date** : November 24-December 1, 2025

**Measurement Location** : โรงพยาบาลส่งเสริมสุขภาพตำบลบ้านช้าง **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 | 1.19 | 15.48 | 24.40 | 10.12 | - |
| NNE | - | 2.98 | 4.17 | 3.57 | - |
| NE | - | - | 3.57 | 3.57 | - |
| ENE | - | - | 1.19 | - | - |
| E | - | - | - | - | - |
| ESE | - | - | - | - | - |
| SE | - | - | - | - | - |
| SSE | - | - | - | - | - |
| S | - | - | - | - | - |
| SSW | - | - | - | - | - |
| SW | - | - | - | - | - |
| WSW | - | - | - | - | - |
| W | - | - | - | - | - |
| WNW | - | 0.60 | - | - | - |
| NW | 1.79 | 5.95 | 4.17 | 3.57 | - |
| NNW | 1.79 | 2.38 | 3.57 | 0.60 | 0.60 |
| **CALMS** | **4.76** | | | | |

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

Approved by [redacted]

(Thepsan Yommana)

Technical Specialist Manager

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**Report No.** : **2025-500006574-3 / 003-4 (Page 3 of 3)** **Issued date:** December 20, 2025

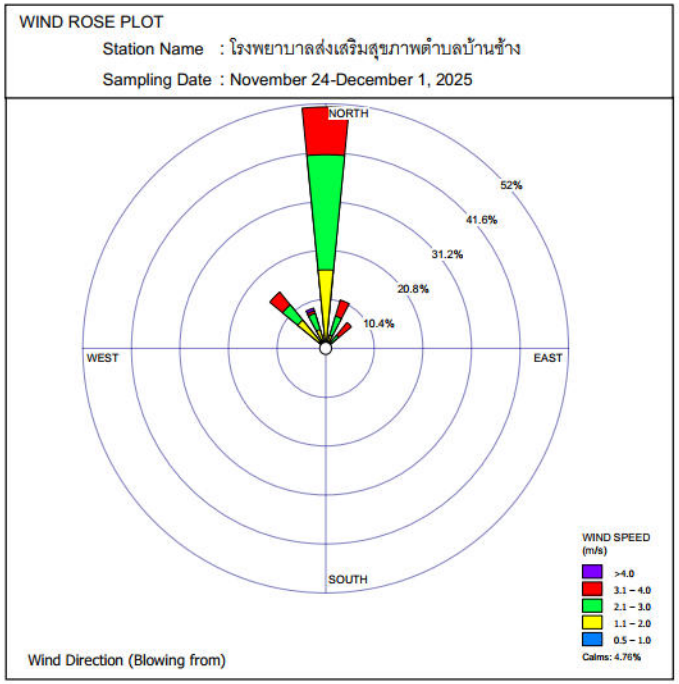
**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**

**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wind speed and Direction **Sampling Date** : November 24-December 1, 2025

**Measurement Location** : โรงพยาบาลส่งเสริมสุขภาพตำบลบ้านช้าง **Measured By** : Oran Boonphan




Approved by [redacted]

(Thepsan Yommana)

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**Report No. : 2025-500005674-3 / 004-1 (Page 1 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : บ้านเลขที่ 42 หมู่ที่ 2 บ้านตลาด **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. 00452073

| Time | Noise Level [dB(A)] | | | | | | | | | | | | Standard 1/, 2/ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nov 24-25, 2025 | | | | Nov 25-26, 2025 | | | | Nov 26-27, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 56.7 | 77.5 | 53.2 | 59.9 | 55.7 | 78.6 | 52.1 | 59.6 | 55.4 | 74.0 | 52.3 | 57.9 | |
| 12:00-13:00 | 55.3 | 76.9 | 50.9 | 58.9 | 54.1 | 69.5 | 52.0 | 56.1 | 54.5 | 77.6 | 51.1 | 57.8 | |
| 13:00-14:00 | 53.8 | 79.5 | 51.1 | 56.1 | 54.8 | 77.1 | 52.2 | 57.5 | 55.0 | 75.3 | 51.4 | 58.4 | |
| 14:00-15:00 | 53.8 | 76.3 | 50.6 | 56.2 | 54.4 | 73.4 | 52.1 | 56.3 | 54.3 | 76.1 | 51.7 | 56.8 | |
| 15:00-16:00 | 54.4 | 74.9 | 50.4 | 57.5 | 54.1 | 76.3 | 51.8 | 56.3 | 53.4 | 68.2 | 50.6 | 55.5 | |
| 16:00-17:00 | 54.6 | 74.6 | 51.6 | 57.7 | 55.4 | 78.6 | 51.9 | 58.8 | 54.6 | 79.9 | 52.1 | 57.8 | |
| 17:00-18:00 | 56.4 | 90.3 | 51.9 | 59.6 | 55.7 | 82.5 | 52.4 | 58.9 | 57.2 | 85.6 | 52.7 | 61.2 | |
| 18:00-19:00 | 56.7 | 85.7 | 52.9 | 60.0 | 55.0 | 76.1 | 52.8 | 57.7 | 54.9 | 78.7 | 52.2 | 58.6 | |
| 19:00-20:00 | 56.4 | 84.2 | 52.3 | 57.8 | 55.1 | 83.1 | 52.1 | 57.8 | 53.9 | 75.6 | 51.2 | 57.4 | |
| 20:00-21:00 | 54.3 | 72.5 | 51.8 | 57.2 | 56.1 | 78.4 | 52.0 | 59.1 | 54.8 | 79.2 | 50.1 | 57.4 | |
| 21:00-22:00 | 52.9 | 75.6 | 49.1 | 57.0 | 54.0 | 81.8 | 49.8 | 57.4 | 51.9 | 78.1 | 45.8 | 57.2 | |
| 22:00-23:00 | 51.7 | 80.1 | 47.9 | 54.0 | 53.3 | 82.1 | 49.3 | 57.4 | 50.8 | 76.8 | 45.0 | 55.8 | |
| 23:00-00:00 | 50.5 | 77.2 | 46.6 | 54.7 | 51.0 | 66.6 | 49.0 | 53.6 | 50.3 | 77.3 | 44.8 | 55.8 | |
| 00:00-01:00 | 50.6 | 77.5 | 46.0 | 52.8 | 49.7 | 64.2 | 45.7 | 52.5 | 48.0 | 72.7 | 42.1 | 51.9 | |
| 01:00-02:00 | 50.3 | 74.3 | 45.8 | 56.2 | 49.1 | 70.0 | 44.2 | 53.7 | 47.8 | 69.3 | 42.2 | 52.1 | |
| 02:00-03:00 | 48.6 | 70.6 | 45.0 | 52.1 | 49.3 | 70.9 | 44.8 | 52.2 | 48.0 | 69.4 | 43.2 | 51.3 | |
| 03:00-04:00 | 47.7 | 63.6 | 44.4 | 51.2 | 49.0 | 73.3 | 45.4 | 51.9 | 48.1 | 68.0 | 44.8 | 50.8 | |
| 04:00-05:00 | 50.9 | 78.1 | 45.1 | 54.0 | 51.8 | 78.6 | 46.9 | 53.5 | 49.7 | 75.6 | 45.4 | 52.6 | |
| 05:00-06:00 | 57.3 | 77.1 | 49.3 | 63.2 | 55.6 | 84.8 | 49.1 | 61.8 | 55.3 | 75.5 | 48.3 | 60.9 | |
| 06:00-07:00 | 57.5 | 81.8 | 52.8 | 62.7 | 58.1 | 81.7 | 54.5 | 61.2 | 56.3 | 76.8 | 53.7 | 59.1 | |
| 07:00-08:00 | 57.6 | 83.4 | 55.0 | 61.1 | 58.4 | 82.8 | 55.9 | 62.1 | 58.2 | 85.6 | 56.1 | 59.9 | |
| 08:00-09:00 | 56.2 | 86.3 | 53.4 | 58.3 | 56.8 | 76.6 | 54.5 | 60.4 | 57.9 | 76.5 | 55.0 | 61.0 | |
| 09:00-10:00 | 55.1 | 75.2 | 52.5 | 58.1 | 54.8 | 70.4 | 52.6 | 57.6 | 56.4 | 74.0 | 53.8 | 58.7 | |
| 10:00-11:00 | 58.6 | 87.0 | 53.4 | 61.4 | 55.5 | 75.7 | 53.2 | 59.1 | 56.4 | 74.7 | 53.8 | 59.1 | |
| **Leq 24 hrs.** | **55.0** | - | - | - | **54.7** | - | - | - | **54.5** | - | - | - | **70** |
| **Ldn** | **60.0** | - | - | - | **59.9** | - | - | - | **58.9** | - | - | - | - |
| **Lmax** | - | **90.3** | - | - | - | **84.8** | - | - | - | **85.6** | - | - | **115** |
| **L90** | - | - | **44.4-55.0** | - | - | - | **44.2-55.9** | - | - | - | **42.1-56.1** | - | - |
| **L5** | - | - | - | **51.2-63.2** | - | - | - | **51.9-62.1** | - | - | - | **50.8-61.2** | - |

**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 [redacted]
(Thepsan Vommana)
Technical Specialist Manager
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**Report No. : 2025-500005674-3 / 004-1 (Page 2 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : บ้านเลขที่ 42 หมู่ที่ 2 บ้านตลาด **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. 00452073

| Time | Noise Level [dB(A)] | | | | | | | | Standard 1/, 2/ |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 27-28, 2025 | | | | Nov 28-29, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 57.2 | 73.1 | 54.2 | 60.0 | 54.8 | 76.3 | 51.5 | 57.7 | |
| 12:00-13:00 | 56.4 | 72.3 | 54.1 | 58.4 | 54.2 | 73.5 | 50.8 | 57.5 | |
| 13:00-14:00 | 55.6 | 86.3 | 51.9 | 57.9 | 53.7 | 74.1 | 51.0 | 56.6 | |
| 14:00-15:00 | 54.4 | 72.7 | 51.9 | 56.4 | 54.6 | 75.3 | 52.0 | 57.9 | |
| 15:00-16:00 | 54.9 | 79.6 | 51.0 | 57.2 | 54.3 | 73.3 | 51.7 | 57.3 | |
| 16:00-17:00 | 54.5 | 78.3 | 51.2 | 57.8 | 54.3 | 75.1 | 51.7 | 57.2 | |
| 17:00-18:00 | 55.4 | 78.3 | 52.1 | 58.0 | 56.2 | 80.5 | 53.1 | 60.3 | |
| 18:00-19:00 | 54.7 | 74.2 | 52.2 | 57.8 | 55.7 | 74.6 | 52.5 | 60.4 | |
| 19:00-20:00 | 54.5 | 82.7 | 51.2 | 57.5 | 53.7 | 72.6 | 50.5 | 56.0 | |
| 20:00-21:00 | 54.9 | 80.0 | 49.7 | 61.1 | 53.8 | 71.2 | 50.6 | 57.3 | |
| 21:00-22:00 | 50.5 | 71.8 | 46.8 | 53.4 | 52.2 | 76.4 | 48.4 | 54.7 | |
| 22:00-23:00 | 52.7 | 78.7 | 45.5 | 54.7 | 50.7 | 74.2 | 46.9 | 53.4 | |
| 23:00-00:00 | 50.2 | 77.2 | 43.8 | 53.7 | 51.1 | 74.6 | 45.1 | 55.8 | |
| 00:00-01:00 | 48.3 | 70.5 | 42.3 | 52.1 | 48.7 | 65.7 | 44.6 | 51.5 | |
| 01:00-02:00 | 48.3 | 74.0 | 42.5 | 51.5 | 49.0 | 66.6 | 44.2 | 52.3 | |
| 02:00-03:00 | 47.5 | 68.1 | 42.9 | 52.0 | 47.2 | 64.1 | 43.5 | 50.4 | |
| 03:00-04:00 | 47.8 | 71.3 | 42.8 | 52.5 | 47.6 | 66.0 | 43.0 | 51.7 | |
| 04:00-05:00 | 50.2 | 76.7 | 44.5 | 53.0 | 49.7 | 75.5 | 43.9 | 51.8 | |
| 05:00-06:00 | 52.6 | 77.9 | 48.8 | 56.1 | 54.5 | 73.6 | 47.2 | 61.2 | |
| 06:00-07:00 | 57.7 | 78.2 | 53.7 | 62.1 | 57.4 | 82.4 | 52.8 | 61.4 | |
| 07:00-08:00 | 57.4 | 77.1 | 55.2 | 60.6 | 57.3 | 76.8 | 54.6 | 59.8 | |
| 08:00-09:00 | 56.1 | 74.6 | 53.2 | 59.1 | 55.9 | 75.8 | 53.0 | 58.2 | |
| 09:00-10:00 | 54.7 | 77.7 | 51.3 | 58.4 | 55.8 | 81.8 | 50.9 | 59.4 | |
| 10:00-11:00 | 54.6 | 77.6 | 51.5 | 58.6 | 53.6 | 80.7 | 49.3 | 56.2 | |
| **Leq 24 hrs.** | **54.3** | - | - | - | **54.0** | - | - | - | **70** |
| **Ldn** | **59.0** | - | - | - | **59.0** | - | - | - | - |
| **Lmax** | - | **86.3** | - | - | - | **82.4** | - | - | **115** |
| **L90** | - | - | **42.3-55.2** | - | - | - | **43.0-54.6** | - | - |
| **L5** | - | - | - | **51.5-62.1** | - | - | - | **50.4-61.4** | - |

**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 [redacted]
(Thepsan Vommana)
Technical Specialist Manager
SGS (THAILAND) LIMITED

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**Report No. : 2025-500005674-3 / 004-1 (Page 3 of 3)** **Issued date:** December 20, 2025

**Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210**

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : บ้านเลขที่ 42 หมู่ที่ 2 บ้านตลาด **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. 00452073

| Time | Noise Level [dB(A)] | | | | | | | | Standard[1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 29-30, 2025 | | | | Nov 30-Dec 1, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 54.1 | 76.6 | 50.7 | 58.0 | 53.0 | 69.5 | 49.9 | 56.5 | |
| 12:00-13:00 | 53.8 | 77.0 | 51.1 | 56.2 | 53.3 | 78.3 | 50.6 | 55.5 | |
| 13:00-14:00 | 54.1 | 80.7 | 50.5 | 56.4 | 54.3 | 77.0 | 49.9 | 56.9 | |
| 14:00-15:00 | 54.0 | 71.7 | 51.4 | 56.4 | 55.5 | 87.1 | 51.5 | 57.2 | |
| 15:00-16:00 | 54.0 | 75.1 | 50.9 | 56.7 | 54.1 | 74.8 | 51.6 | 57.2 | |
| 16:00-17:00 | 54.8 | 76.1 | 52.1 | 57.5 | 54.7 | 74.7 | 52.1 | 57.2 | |
| 17:00-18:00 | 56.5 | 78.6 | 53.4 | 60.3 | 55.6 | 74.8 | 52.1 | 60.1 | |
| 18:00-19:00 | 55.7 | 77.1 | 52.9 | 58.7 | 56.4 | 74.8 | 54.2 | 59.1 | |
| 19:00-20:00 | 55.5 | 80.8 | 51.5 | 59.6 | 56.4 | 81.1 | 52.8 | 58.8 | |
| 20:00-21:00 | 55.8 | 78.1 | 51.6 | 59.6 | 56.3 | 74.4 | 52.4 | 59.1 | |
| 21:00-22:00 | 52.9 | 76.9 | 47.0 | 58.0 | 55.6 | 84.0 | 49.7 | 56.1 | |
| 22:00-23:00 | 51.7 | 74.0 | 47.6 | 55.9 | 53.3 | 73.3 | 48.0 | 58.4 | |
| 23:00-00:00 | 49.8 | 71.6 | 45.4 | 53.5 | 52.9 | 80.3 | 46.4 | 57.6 | |
| 00:00-01:00 | 49.1 | 77.4 | 43.7 | 52.9 | 51.6 | 76.0 | 45.4 | 56.2 | |
| 01:00-02:00 | 49.3 | 76.7 | 44.5 | 54.0 | 49.5 | 72.7 | 42.9 | 56.6 | |
| 02:00-03:00 | 49.5 | 74.5 | 43.2 | 55.0 | 48.2 | 73.5 | 42.3 | 51.1 | |
| 03:00-04:00 | 47.0 | 68.3 | 42.9 | 51.3 | 47.4 | 76.0 | 42.8 | 51.0 | |
| 04:00-05:00 | 50.1 | 71.4 | 44.5 | 55.8 | 50.6 | 76.3 | 44.7 | 57.0 | |
| 05:00-06:00 | 55.8 | 76.8 | 46.3 | 61.8 | 58.8 | 80.5 | 49.3 | 63.6 | |
| 06:00-07:00 | 56.6 | 80.8 | 51.7 | 61.0 | 56.2 | 81.3 | 53.3 | 58.8 | |
| 07:00-08:00 | 55.3 | 73.4 | 52.7 | 58.1 | 57.9 | 82.9 | 54.2 | 62.5 | |
| 08:00-09:00 | 54.4 | 76.3 | 51.5 | 56.7 | 54.5 | 71.9 | 51.6 | 57.6 | |
| 09:00-10:00 | 53.0 | 72.0 | 50.5 | 55.5 | 54.1 | 76.0 | 50.8 | 57.0 | |
| 10:00-11:00 | 53.2 | 77.0 | 50.7 | 56.4 | 53.3 | 74.6 | 50.0 | 55.9 | |
| **Leq 24 hrs.** | **53.8** | **-** | **-** | **-** | **54.7** | **-** | **-** | **-** | **70** |
| **Ldn** | **59.0** | **-** | **-** | **-** | **60.3** | **-** | **-** | **-** | **-** |
| **Lmax** | **-** | **80.8** | **-** | **-** | **-** | **87.1** | **-** | **-** | **115** |
| **L90** | **-** | **-** | **42.9-53.4** | **-** | **-** | **-** | **42.3-54.2** | **-** | **-** |
| **L5** | **-** | **-** | **-** | **51.3-61.8** | **-** | **-** | **-** | **51.0-63.6** | **-** |

**Source :** 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 [redacted]
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**Report No. : 2025-500005674-3 / 004-2 (Page 1 of 3)** **Issued date:** December 20, 2025

**Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210**

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : บ้านเลขที่ 17/1 หมู่ที่ 3 บ้านตลาด **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. 00541048

| Time | Noise Level [dB(A)] | | | | | | | | | | | | Standard 1/, 2/ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nov 24-25, 2025 | | | | Nov 25-26, 2025 | | | | Nov 26-27, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 57.9 | 78.2 | 52.8 | 61.6 | 54.1 | 73.8 | 49.6 | 57.5 | 50.3 | 69.7 | 47.9 | 52.4 | |
| 12:00-13:00 | 53.0 | 83.8 | 47.9 | 57.8 | 50.2 | 73.3 | 47.2 | 53.9 | 50.2 | 69.6 | 46.3 | 52.9 | |
| 13:00-14:00 | 57.8 | 85.1 | 49.2 | 63.8 | 50.8 | 69.0 | 47.0 | 53.9 | 51.0 | 72.0 | 47.6 | 55.3 | |
| 14:00-15:00 | 62.7 | 82.5 | 49.1 | 70.4 | 52.2 | 71.5 | 48.5 | 57.0 | 49.5 | 69.2 | 46.7 | 52.0 | |
| 15:00-16:00 | 50.4 | 72.5 | 47.8 | 52.9 | 51.6 | 71.6 | 47.6 | 55.0 | 51.5 | 72.2 | 47.5 | 54.3 | |
| 16:00-17:00 | 51.5 | 74.3 | 48.8 | 54.8 | 49.8 | 67.3 | 47.5 | 52.9 | 50.7 | 74.5 | 48.5 | 53.7 | |
| 17:00-18:00 | 49.0 | 65.1 | 46.9 | 51.1 | 49.8 | 67.9 | 46.9 | 51.8 | 50.7 | 68.6 | 47.8 | 54.6 | |
| 18:00-19:00 | 49.9 | 68.5 | 47.4 | 52.7 | 50.0 | 74.2 | 46.2 | 53.9 | 49.2 | 74.5 | 45.9 | 52.9 | |
| 19:00-20:00 | 50.5 | 76.0 | 46.5 | 53.3 | 49.6 | 67.4 | 46.6 | 52.2 | 58.7 | 67.8 | 46.9 | 62.3 | |
| 20:00-21:00 | 51.0 | 76.0 | 47.3 | 53.2 | 50.9 | 73.0 | 47.9 | 52.5 | 61.4 | 67.6 | 61.0 | 62.1 | |
| 21:00-22:00 | 47.0 | 66.9 | 44.4 | 50.6 | 49.1 | 71.5 | 47.4 | 51.2 | 60.4 | 71.2 | 59.9 | 61.1 | |
| 22:00-23:00 | 45.6 | 65.6 | 42.4 | 48.7 | 60.5 | 70.5 | 48.9 | 64.5 | 60.7 | 66.3 | 60.3 | 61.1 | |
| 23:00-00:00 | 45.1 | 66.5 | 41.9 | 48.4 | 64.3 | 69.6 | 64.1 | 64.6 | 51.9 | 73.8 | 44.9 | 60.0 | |
| 00:00-01:00 | 44.7 | 66.8 | 41.0 | 47.1 | 63.9 | 68.3 | 63.8 | 64.1 | 49.6 | 65.2 | 44.7 | 52.4 | |
| 01:00-02:00 | 43.6 | 63.0 | 40.6 | 46.6 | 63.7 | 66.0 | 63.6 | 63.9 | 52.6 | 65.8 | 52.0 | 53.3 | |
| 02:00-03:00 | 43.8 | 66.6 | 40.9 | 47.4 | 60.4 | 66.5 | 45.2 | 64.0 | 52.3 | 60.9 | 51.6 | 53.0 | |
| 03:00-04:00 | 43.9 | 62.1 | 41.2 | 46.6 | 46.4 | 67.2 | 43.0 | 52.1 | 46.8 | 65.6 | 41.1 | 52.1 | |
| 04:00-05:00 | 44.1 | 67.4 | 40.4 | 46.7 | 44.7 | 60.9 | 41.0 | 48.9 | 45.4 | 68.3 | 42.0 | 50.1 | |
| 05:00-06:00 | 47.5 | 65.4 | 43.5 | 51.6 | 45.9 | 63.1 | 42.3 | 50.1 | 49.4 | 75.2 | 43.7 | 50.9 | |
| 06:00-07:00 | 52.0 | 75.1 | 48.9 | 54.3 | 52.3 | 76.7 | 49.6 | 55.5 | 52.8 | 72.9 | 49.2 | 57.2 | |
| 07:00-08:00 | 52.7 | 73.4 | 49.7 | 56.6 | 51.5 | 76.0 | 49.3 | 54.5 | 52.6 | 76.8 | 50.3 | 55.2 | |
| 08:00-09:00 | 52.9 | 80.1 | 49.4 | 57.6 | 52.1 | 79.2 | 49.1 | 54.7 | 55.0 | 75.8 | 52.1 | 57.7 | |
| 09:00-10:00 | 52.3 | 70.7 | 49.2 | 55.3 | 51.2 | 76.5 | 47.1 | 54.2 | 54.3 | 71.1 | 51.3 | 56.8 | |
| 10:00-11:00 | 53.6 | 73.9 | 48.1 | 57.7 | 52.2 | 79.8 | 49.4 | 56.4 | 53.1 | 69.3 | 49.2 | 55.8 | |
| **Leq 24 hrs.** | **53.3** | **-** | **-** | **-** | **57.0** | **-** | **-** | **-** | **54.8** | **-** | **-** | **-** | **70** |
| **Ldn** | **55.7** | **-** | **-** | **-** | **66.2** | **-** | **-** | **-** | **60.4** | **-** | **-** | **-** | **-** |
| **Lmax** | **-** | **85.1** | **-** | **-** | **-** | **79.8** | **-** | **-** | **-** | **76.8** | **-** | **-** | **115** |
| **L90** | **-** | **-** | **40.4-52.8** | **-** | **-** | **-** | **41.0-64.1** | **-** | **-** | **-** | **41.1-61.0** | **-** | **-** |
| **L5** | **-** | **-** | **-** | **46.6-70.4** | **-** | **-** | **-** | **48.9-64.6** | **-** | **-** | **-** | **50.1-62.3** | **-** |

**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

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**Report No. : 2025-500005674-3 / 004-2 (Page 2 of 3)** **Issued date:** December 20, 2025

**Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address :** 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type :** Ambient Noise **Measurement Date :** November 24-December 1, 2025
**Measurement Location :** บ้านเลขที่ 17/1 หมู่ที่ 3 บ้านตลาด **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. 00541048

| Time | Noise Level [dB(A)] | | | | | | | | Standard[1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 27-28, 2025 | | | | Nov 28-29, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 54.6 | 74.0 | 50.6 | 57.5 | 50.6 | 77.6 | 48.0 | 53.4 | |
| 12:00-13:00 | 53.2 | 68.7 | 48.5 | 56.6 | 50.4 | 65.1 | 46.4 | 53.3 | |
| 13:00-14:00 | 52.1 | 70.5 | 49.1 | 55.7 | 52.2 | 70.6 | 50.0 | 54.3 | |
| 14:00-15:00 | 51.3 | 70.7 | 48.7 | 54.8 | 50.6 | 72.2 | 47.2 | 54.4 | |
| 15:00-16:00 | 50.4 | 72.5 | 47.8 | 53.1 | 49.4 | 68.5 | 47.2 | 52.2 | |
| 16:00-17:00 | 50.2 | 69.1 | 46.9 | 53.5 | 50.9 | 70.1 | 48.4 | 53.7 | |
| 17:00-18:00 | 50.8 | 72.8 | 47.4 | 54.0 | 51.7 | 69.2 | 48.0 | 56.3 | |
| 18:00-19:00 | 49.9 | 72.7 | 46.1 | 53.7 | 49.5 | 73.1 | 46.8 | 53.0 | |
| 19:00-20:00 | 49.2 | 73.8 | 46.0 | 53.0 | 50.5 | 69.7 | 46.9 | 55.1 | |
| 20:00-21:00 | 48.4 | 63.9 | 45.4 | 51.9 | 48.6 | 68.1 | 45.7 | 52.4 | |
| 21:00-22:00 | 46.6 | 70.0 | 43.8 | 49.3 | 46.2 | 61.7 | 43.7 | 49.2 | |
| 22:00-23:00 | 45.8 | 64.0 | 43.5 | 48.9 | 53.7 | 71.1 | 46.3 | 55.2 | |
| 23:00-00:00 | 43.9 | 64.0 | 40.5 | 47.8 | 54.3 | 64.1 | 53.7 | 54.9 | |
| 00:00-01:00 | 42.9 | 59.1 | 39.7 | 46.6 | 54.9 | 65.4 | 54.5 | 55.3 | |
| 01:00-02:00 | 44.3 | 72.2 | 41.6 | 46.6 | 54.7 | 67.7 | 54.1 | 55.5 | |
| 02:00-03:00 | 44.5 | 65.7 | 42.1 | 46.8 | 54.2 | 59.7 | 53.9 | 54.7 | |
| 03:00-04:00 | 43.0 | 63.2 | 38.5 | 45.8 | 54.0 | 60.9 | 53.6 | 54.5 | |
| 04:00-05:00 | 46.6 | 68.2 | 41.2 | 48.9 | 51.5 | 66.2 | 40.5 | 54.2 | |
| 05:00-06:00 | 46.8 | 65.1 | 43.0 | 49.8 | 46.5 | 65.2 | 42.5 | 49.7 | |
| 06:00-07:00 | 52.9 | 73.8 | 50.0 | 55.4 | 52.4 | 74.3 | 47.3 | 56.6 | |
| 07:00-08:00 | 52.8 | 69.4 | 50.6 | 55.8 | 52.6 | 74.1 | 50.4 | 55.2 | |
| 08:00-09:00 | 55.8 | 70.8 | 52.0 | 59.1 | 58.5 | 79.5 | 49.3 | 64.4 | |
| 09:00-10:00 | 53.4 | 77.8 | 49.1 | 57.5 | 59.8 | 81.2 | 49.0 | 65.9 | |
| 10:00-11:00 | 52.6 | 74.5 | 48.4 | 55.6 | 56.0 | 77.2 | 46.5 | 61.1 | |
| **Leq 24 hrs.** | **50.7** | - | - | - | **53.5** | - | - | - | 70 |
| **Ldn** | **54.5** | - | - | - | **59.9** | - | - | - | - |
| **Lmax** | - | **77.8** | - | - | - | **81.2** | - | - | 115 |
| **L90** | - | - | **38.5-52.0** | - | - | - | **40.5-54.5** | - | - |
| **L5** | - | - | - | **45.8-59.1** | - | - | - | **49.2-65.9** | - |

**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 [redacted]
(Thepsan Vommana)
Technical Specialist Manager
SGS (THAILAND) LIMITED

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**Report No. : 2025-500005674-3 / 004-2 (Page 3 of 3)** **Issued date:** December 20, 2025

**Client : ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address :** 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type :** Ambient Noise **Measurement Date :** November 24-December 1, 2025
**Measurement Location :** บ้านเลขที่ 17/1 หมู่ที่ 3 บ้านตลาด **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. 00541048

| Time | Noise Level [dB(A)] | | | | | | | | Standard[1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 29-30, 2025 | | | | Nov 30-Dec 1, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 52.2 | 68.6 | 47.1 | 58.6 | 48.5 | 71.3 | 45.7 | 51.2 | |
| 12:00-13:00 | 48.5 | 72.4 | 45.4 | 51.6 | 48.2 | 71.2 | 44.8 | 52.0 | |
| 13:00-14:00 | 49.6 | 70.5 | 47.1 | 52.5 | 49.6 | 71.1 | 46.9 | 52.5 | |
| 14:00-15:00 | 50.0 | 71.5 | 47.9 | 52.7 | 50.0 | 69.1 | 45.9 | 53.2 | |
| 15:00-16:00 | 50.0 | 66.4 | 48.0 | 51.9 | 49.7 | 74.3 | 45.7 | 52.4 | |
| 16:00-17:00 | 50.2 | 69.0 | 47.8 | 54.1 | 49.6 | 75.3 | 47.2 | 52.6 | |
| 17:00-18:00 | 52.4 | 72.9 | 49.2 | 55.1 | 51.3 | 67.1 | 48.6 | 55.1 | |
| 18:00-19:00 | 51.2 | 76.1 | 48.0 | 55.2 | 50.1 | 66.7 | 47.9 | 52.2 | |
| 19:00-20:00 | 57.0 | 73.7 | 49.6 | 57.7 | 51.1 | 67.6 | 49.3 | 53.1 | |
| 20:00-21:00 | 51.0 | 78.0 | 48.1 | 53.7 | 49.7 | 65.4 | 46.5 | 52.0 | |
| 21:00-22:00 | 48.4 | 64.3 | 45.5 | 51.9 | 47.6 | 68.6 | 44.7 | 51.6 | |
| 22:00-23:00 | 51.1 | 63.5 | 46.1 | 55.0 | 46.8 | 69.0 | 43.4 | 50.2 | |
| 23:00-00:00 | 54.3 | 68.1 | 53.4 | 55.3 | 46.8 | 70.7 | 43.5 | 51.2 | |
| 00:00-01:00 | 54.5 | 73.3 | 54.1 | 55.1 | 45.4 | 78.4 | 41.0 | 48.0 | |
| 01:00-02:00 | 53.8 | 69.0 | 53.5 | 54.3 | 51.1 | 72.0 | 50.3 | 51.9 | |
| 02:00-03:00 | 53.5 | 69.3 | 52.8 | 54.7 | 50.5 | 63.9 | 49.9 | 51.3 | |
| 03:00-04:00 | 53.5 | 62.3 | 53.2 | 54.2 | 50.5 | 66.2 | 50.1 | 51.3 | |
| 04:00-05:00 | 54.2 | 66.5 | 53.9 | 54.8 | 51.5 | 75.5 | 50.6 | 52.2 | |
| 05:00-06:00 | 53.9 | 65.3 | 53.6 | 54.7 | 51.8 | 65.0 | 50.5 | 54.3 | |
| 06:00-07:00 | 53.9 | 71.1 | 49.5 | 56.9 | 51.7 | 73.5 | 48.5 | 54.6 | |
| 07:00-08:00 | 51.4 | 72.2 | 47.7 | 54.9 | 52.4 | 68.9 | 50.0 | 54.7 | |
| 08:00-09:00 | 52.9 | 81.7 | 47.2 | 58.3 | 50.1 | 68.8 | 46.9 | 53.1 | |
| 09:00-10:00 | 55.8 | 86.3 | 46.2 | 61.3 | 50.1 | 74.7 | 45.6 | 54.2 | |
| 10:00-11:00 | 52.0 | 74.4 | 46.1 | 56.0 | 55.0 | 76.3 | 49.0 | 58.3 | |
| **Leq 24 hrs.** | **52.9** | - | - | - | **50.4** | - | - | - | 70 |
| **Ldn** | **59.9** | - | - | - | **56.6** | - | - | - | - |
| **Lmax** | - | **86.3** | - | - | - | **78.4** | - | - | 115 |
| **L90** | - | - | **45.4-54.1** | - | - | - | **41.0-50.6** | - | - |
| **L5** | - | - | - | **51.6-61.3** | - | - | - | **48.0-58.3** | - |

**Source :** 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 [redacted]
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**Report No. : 2025-500005674-3 / 004-3 (Page 1 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : บ้านเลขที่ 46/1 หมู่ที่ 3 บ้านตลาด **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. 00452072

| Time | Noise Level [dB(A)] | | | | | | | | | | | | Standard [1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nov 24-25, 2025 | | | | Nov 25-26, 2025 | | | | Nov 26-27, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 56.3 | 81.0 | 53.8 | 58.1 | 56.3 | 76.9 | 52.5 | 60.4 | 54.6 | 71.7 | 52.5 | 57.5 | |
| 12:00-13:00 | 55.5 | 73.8 | 53.1 | 58.2 | 55.2 | 79.7 | 51.8 | 57.2 | 54.2 | 71.4 | 50.1 | 57.3 | |
| 13:00-14:00 | 55.1 | 76.8 | 51.7 | 58.2 | 55.9 | 83.3 | 52.2 | 60.0 | 54.3 | 78.1 | 51.8 | 56.4 | |
| 14:00-15:00 | 54.8 | 75.8 | 50.6 | 59.6 | 55.4 | 73.4 | 52.4 | 58.7 | 53.9 | 78.2 | 51.0 | 56.5 | |
| 15:00-16:00 | 54.2 | 68.9 | 51.2 | 57.2 | 54.8 | 75.0 | 52.2 | 58.3 | 55.0 | 83.0 | 52.2 | 57.6 | |
| 16:00-17:00 | 54.1 | 73.5 | 51.4 | 56.8 | 55.2 | 71.1 | 53.2 | 57.2 | 55.9 | 79.7 | 52.9 | 59.3 | |
| 17:00-18:00 | 54.8 | 75.5 | 52.5 | 57.9 | 55.6 | 74.4 | 53.0 | 59.1 | 54.9 | 77.6 | 51.0 | 59.0 | |
| 18:00-19:00 | 54.6 | 81.7 | 51.8 | 59.2 | 55.6 | 80.8 | 52.3 | 59.1 | 54.0 | 72.6 | 51.2 | 56.8 | |
| 19:00-20:00 | 55.3 | 75.2 | 53.3 | 57.3 | 54.3 | 71.8 | 51.6 | 57.2 | 54.4 | 71.7 | 51.1 | 57.7 | |
| 20:00-21:00 | 56.6 | 83.5 | 53.5 | 58.6 | 55.0 | 76.1 | 50.5 | 58.1 | 51.7 | 68.1 | 49.4 | 54.6 | |
| 21:00-22:00 | 55.2 | 72.9 | 53.9 | 56.8 | 52.9 | 72.9 | 49.4 | 55.8 | 51.9 | 79.8 | 48.3 | 55.9 | |
| 22:00-23:00 | 53.4 | 67.7 | 51.8 | 55.5 | 54.1 | 77.0 | 50.4 | 57.0 | 49.6 | 68.9 | 46.9 | 52.6 | |
| 23:00-00:00 | 53.4 | 73.7 | 51.5 | 56.0 | 51.2 | 70.9 | 49.5 | 54.1 | 49.9 | 72.8 | 46.0 | 53.3 | |
| 00:00-01:00 | 53.3 | 77.5 | 51.3 | 54.8 | 50.1 | 67.0 | 47.4 | 53.1 | 48.4 | 68.5 | 45.3 | 51.4 | |
| 01:00-02:00 | 52.1 | 69.4 | 50.2 | 54.2 | 50.2 | 73.0 | 47.0 | 54.3 | 47.6 | 70.7 | 44.4 | 51.3 | |
| 02:00-03:00 | 50.8 | 72.5 | 48.7 | 54.2 | 49.1 | 78.7 | 46.1 | 52.3 | 47.6 | 64.1 | 45.0 | 51.0 | |
| 03:00-04:00 | 51.3 | 76.4 | 49.6 | 52.0 | 48.8 | 71.7 | 44.9 | 52.2 | 49.9 | 74.9 | 46.1 | 51.6 | |
| 04:00-05:00 | 52.3 | 73.7 | 50.1 | 54.2 | 47.8 | 67.4 | 44.3 | 50.4 | 51.5 | 72.7 | 47.5 | 55.0 | |
| 05:00-06:00 | 51.9 | 65.1 | 49.7 | 54.3 | 46.4 | 69.6 | 43.4 | 50.2 | 54.9 | 74.4 | 51.1 | 58.4 | |
| 06:00-07:00 | 55.2 | 75.9 | 50.9 | 58.8 | 46.0 | 58.4 | 43.5 | 48.9 | 57.7 | 83.0 | 54.7 | 60.7 | |
| 07:00-08:00 | 57.2 | 74.0 | 54.5 | 59.6 | 47.7 | 67.0 | 44.6 | 50.5 | 57.0 | 73.7 | 54.6 | 59.7 | |
| 08:00-09:00 | 57.7 | 74.8 | 55.3 | 60.1 | 50.6 | 73.8 | 45.9 | 54.2 | 56.8 | 75.1 | 53.9 | 59.5 | |
| 09:00-10:00 | 56.4 | 79.6 | 52.6 | 59.5 | 54.5 | 77.4 | 52.0 | 57.6 | 55.0 | 73.1 | 52.3 | 57.8 | |
| 10:00-11:00 | 55.8 | 78.7 | 52.5 | 59.3 | 54.8 | 73.3 | 52.0 | 57.8 | 56.0 | 72.0 | 54.0 | 58.8 | |
| **Leq 24 hrs.** | **54.8** | - | - | - | **53.4** | - | - | - | **54.1** | - | - | - | **70** |
| **Ldn** | **59.8** | - | - | - | **57.5** | - | - | - | **59.1** | - | - | - | - |
| **Lmax** | - | **83.5** | - | - | - | **83.3** | - | - | - | **83.0** | - | - | **115** |
| **L90** | - | - | **48.7-55.3** | - | - | - | **43.4-53.2** | - | - | - | **44.4-54.7** | - | - |
| **L5** | - | - | - | **52.0-60.1** | - | - | - | **48.9-60.4** | - | - | - | **51.0-60.7** | - |

**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

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**Report No. : 2025-500005674-3 / 004-3 (Page 2 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : บ้านเลขที่ 46/1 หมู่ที่ 3 บ้านตลาด **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. 00452072

| Time | Noise Level [dB(A)] | | | | | | | | Standard [1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 27-28, 2025 | | | | Nov 28-29, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 56.2 | 75.9 | 53.7 | 58.3 | 54.1 | 74.3 | 50.6 | 56.9 | |
| 12:00-13:00 | 55.2 | 75.2 | 52.5 | 58.6 | 54.4 | 74.3 | 51.2 | 57.3 | |
| 13:00-14:00 | 55.0 | 76.9 | 52.4 | 57.5 | 54.5 | 73.0 | 51.7 | 57.8 | |
| 14:00-15:00 | 55.0 | 76.1 | 52.4 | 57.7 | 54.6 | 80.7 | 51.5 | 58.7 | |
| 15:00-16:00 | 55.1 | 75.3 | 52.4 | 57.3 | 54.1 | 76.6 | 51.7 | 56.6 | |
| 16:00-17:00 | 55.6 | 74.4 | 53.4 | 58.1 | 55.4 | 71.8 | 52.9 | 58.7 | |
| 17:00-18:00 | 55.0 | 74.9 | 52.4 | 59.2 | 54.6 | 73.6 | 52.0 | 57.5 | |
| 18:00-19:00 | 55.0 | 74.9 | 52.5 | 57.8 | 53.9 | 73.5 | 51.2 | 56.4 | |
| 19:00-20:00 | 55.7 | 73.2 | 53.2 | 58.4 | 54.2 | 75.2 | 51.9 | 56.3 | |
| 20:00-21:00 | 51.8 | 69.6 | 48.0 | 54.7 | 52.3 | 71.0 | 49.4 | 55.2 | |
| 21:00-22:00 | 52.0 | 70.2 | 49.1 | 55.2 | 50.7 | 67.5 | 47.3 | 53.9 | |
| 22:00-23:00 | 51.7 | 74.6 | 47.6 | 54.3 | 49.2 | 63.3 | 44.7 | 52.3 | |
| 23:00-00:00 | 50.4 | 71.6 | 46.9 | 55.1 | 47.7 | 62.3 | 44.4 | 51.2 | |
| 00:00-01:00 | 50.6 | 70.5 | 48.6 | 52.7 | 48.1 | 73.5 | 43.7 | 50.6 | |
| 01:00-02:00 | 49.8 | 67.7 | 48.3 | 52.7 | 47.0 | 62.1 | 43.8 | 50.9 | |
| 02:00-03:00 | 50.1 | 69.0 | 48.3 | 52.9 | 47.7 | 65.1 | 44.5 | 50.4 | |
| 03:00-04:00 | 51.2 | 76.3 | 46.2 | 52.7 | 48.7 | 66.9 | 46.8 | 50.5 | |
| 04:00-05:00 | 50.4 | 68.2 | 46.4 | 54.0 | 50.6 | 72.3 | 47.2 | 53.1 | |
| 05:00-06:00 | 55.1 | 83.8 | 50.8 | 57.2 | 53.2 | 73.7 | 49.4 | 56.3 | |
| 06:00-07:00 | 56.3 | 73.9 | 55.0 | 58.2 | 55.3 | 71.6 | 53.1 | 57.8 | |
| 07:00-08:00 | 56.0 | 76.2 | 53.8 | 59.5 | 55.1 | 74.8 | 51.5 | 58.3 | |
| 08:00-09:00 | 54.7 | 72.0 | 52.6 | 57.5 | 53.9 | 77.5 | 50.7 | 55.7 | |
| 09:00-10:00 | 54.8 | 75.1 | 52.0 | 58.7 | 53.3 | 72.9 | 49.8 | 56.7 | |
| 10:00-11:00 | 54.4 | 76.7 | 52.0 | 56.3 | 53.8 | 79.6 | 49.0 | 58.4 | |
| **Leq 24 hrs.** | **54.1** | - | - | - | **53.1** | - | - | - | **70** |
| **Ldn** | **59.3** | - | - | - | **57.8** | - | - | - | - |
| **Lmax** | - | **83.8** | - | - | - | **80.7** | - | - | **115** |
| **L90** | - | - | **46.2-55.0** | - | - | - | **43.7-53.1** | - | - |
| **L5** | - | - | - | **52.7-59.5** | - | - | - | **50.4-58.7** | - |

**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

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**Report No.** : **2025-500005674-3 / 004-3 (Page 3 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : บ้านเลขที่ 46/1 หมู่ที่ 3 บ้านตลาด **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. 00452072

| Time | Noise Level [dB(A)] | | | | | | | | Standard[1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 29-30, 2025 | | | | Nov 30-Dec 1, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 52.4 | 73.3 | 49.8 | 54.5 | 53.5 | 84.7 | 49.3 | 54.1 | |
| 12:00-13:00 | 52.6 | 82.7 | 49.2 | 55.1 | 53.1 | 71.5 | 49.0 | 57.0 | |
| 13:00-14:00 | 52.4 | 73.5 | 49.4 | 55.7 | 53.0 | 79.0 | 48.8 | 57.1 | |
| 14:00-15:00 | 52.4 | 70.3 | 49.2 | 55.7 | 52.2 | 69.1 | 49.1 | 55.1 | |
| 15:00-16:00 | 53.0 | 70.0 | 50.1 | 56.2 | 53.2 | 78.6 | 50.0 | 56.7 | |
| 16:00-17:00 | 54.5 | 72.8 | 51.8 | 57.5 | 54.5 | 71.1 | 51.7 | 57.8 | |
| 17:00-18:00 | 55.2 | 83.9 | 52.2 | 58.7 | 55.3 | 71.8 | 51.9 | 58.4 | |
| 18:00-19:00 | 55.8 | 78.5 | 54.1 | 57.3 | 57.4 | 69.6 | 54.8 | 59.0 | |
| 19:00-20:00 | 55.9 | 79.3 | 53.5 | 58.2 | 58.7 | 74.8 | 57.4 | 60.2 | |
| 20:00-21:00 | 54.7 | 77.3 | 52.8 | 57.4 | 54.3 | 73.5 | 50.2 | 57.7 | |
| 21:00-22:00 | 53.7 | 73.7 | 51.6 | 58.1 | 52.6 | 72.8 | 50.3 | 55.5 | |
| 22:00-23:00 | 52.3 | 70.7 | 47.3 | 57.6 | 52.6 | 74.2 | 49.1 | 56.8 | |
| 23:00-00:00 | 51.6 | 72.8 | 48.3 | 54.2 | 49.9 | 66.3 | 47.4 | 52.0 | |
| 00:00-01:00 | 51.3 | 70.3 | 47.9 | 55.1 | 50.4 | 73.6 | 47.5 | 53.3 | |
| 01:00-02:00 | 53.5 | 72.4 | 50.8 | 55.7 | 51.3 | 75.8 | 48.3 | 52.5 | |
| 02:00-03:00 | 54.8 | 68.6 | 51.8 | 56.1 | 50.5 | 75.1 | 49.0 | 52.2 | |
| 03:00-04:00 | 53.7 | 67.0 | 51.5 | 55.3 | 51.0 | 76.3 | 48.1 | 51.9 | |
| 04:00-05:00 | 54.0 | 69.6 | 52.6 | 55.6 | 51.7 | 71.5 | 49.0 | 54.2 | |
| 05:00-06:00 | 53.1 | 76.1 | 48.8 | 55.8 | 54.2 | 73.3 | 50.9 | 57.4 | |
| 06:00-07:00 | 54.5 | 74.0 | 51.6 | 57.6 | 56.1 | 73.0 | 53.4 | 59.4 | |
| 07:00-08:00 | 53.7 | 74.3 | 50.3 | 56.5 | 54.6 | 72.3 | 52.0 | 57.4 | |
| 08:00-09:00 | 52.2 | 70.5 | 49.5 | 54.5 | 54.4 | 78.4 | 51.0 | 58.2 | |
| 09:00-10:00 | 53.2 | 77.3 | 49.5 | 56.5 | 54.5 | 79.1 | 51.5 | 57.5 | |
| 10:00-11:00 | 52.5 | 76.5 | 49.3 | 57.0 | 53.6 | 74.3 | 51.5 | 55.7 | |
| **Leq 24 hrs.** | **53.6** | - | - | - | **54.0** | - | - | - | **70** |
| **Ldn** | **59.8** | - | - | - | **59.3** | - | - | - | - |
| **Lmax** | - | **83.9** | - | - | - | **84.7** | - | - | **115** |
| **L90** | - | - | **47.3-54.1** | - | - | - | **47.4-57.4** | - | - |
| **L5** | - | - | - | **54.2-58.7** | - | - | - | **51.9-60.2** | - |

**Source :** 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 [redacted]
(Thepsan Vomhlana)
Technical Specialist Manager
SGS (THAILAND) LIMITED

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**Report No.** : **2025-500005674-3 / 004-4 (Page 1 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : สำนักงานในโครงการ **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. 00452076

| Time | Noise Level [dB(A)] | | | | | | | | | | | | Standard 1/, 2/ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nov 24-25, 2025 | | | | Nov 25-26, 2025 | | | | Nov 26-27, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 54.4 | 69.1 | 53.2 | 56.0 | 55.8 | 72.3 | 54.9 | 57.0 | 54.7 | 74.5 | 53.7 | 57.5 | |
| 12:00-13:00 | 52.8 | 62.5 | 52.1 | 53.6 | 55.2 | 67.6 | 54.5 | 56.5 | 54.1 | 65.5 | 53.3 | 54.9 | |
| 13:00-14:00 | 53.3 | 75.9 | 52.4 | 53.8 | 55.2 | 75.7 | 54.3 | 56.1 | 53.8 | 69.4 | 53.0 | 54.8 | |
| 14:00-15:00 | 53.2 | 65.3 | 52.6 | 54.2 | 55.0 | 70.1 | 54.5 | 56.0 | 53.9 | 70.7 | 53.3 | 54.7 | |
| 15:00-16:00 | 53.9 | 70.2 | 53.1 | 55.1 | 55.3 | 72.0 | 54.4 | 57.1 | 53.7 | 72.6 | 52.5 | 56.3 | |
| 16:00-17:00 | 55.2 | 73.3 | 52.9 | 58.0 | 58.3 | 72.7 | 54.6 | 62.7 | 57.3 | 74.5 | 53.3 | 62.4 | |
| 17:00-18:00 | 65.3 | 77.2 | 58.2 | 69.2 | 65.5 | 77.6 | 58.3 | 70.7 | 66.6 | 78.1 | 58.5 | 70.7 | |
| 18:00-19:00 | 55.9 | 65.9 | 54.8 | 58.0 | 56.5 | 68.2 | 54.7 | 57.6 | 57.0 | 65.8 | 56.3 | 58.5 | |
| 19:00-20:00 | 55.3 | 61.7 | 55.0 | 55.6 | 56.2 | 64.6 | 54.7 | 56.9 | 56.0 | 61.7 | 54.2 | 56.8 | |
| 20:00-21:00 | 55.4 | 60.4 | 54.7 | 55.9 | 55.9 | 61.2 | 55.4 | 56.6 | 56.5 | 64.5 | 56.0 | 57.2 | |
| 21:00-22:00 | 54.6 | 60.3 | 54.2 | 55.0 | 56.0 | 60.3 | 55.5 | 56.5 | 55.8 | 59.3 | 55.3 | 56.2 | |
| 22:00-23:00 | 56.3 | 61.7 | 55.9 | 56.8 | 55.4 | 60.8 | 54.8 | 56.3 | 55.1 | 61.2 | 54.5 | 55.8 | |
| 23:00-00:00 | 55.8 | 59.5 | 55.3 | 56.5 | 54.9 | 59.4 | 54.5 | 55.5 | 54.6 | 60.7 | 54.2 | 55.2 | |
| 00:00-01:00 | 55.9 | 60.6 | 55.5 | 56.4 | 54.5 | 59.4 | 54.1 | 55.1 | 54.4 | 60.2 | 53.8 | 55.1 | |
| 01:00-02:00 | 56.0 | 59.8 | 55.5 | 56.7 | 54.3 | 59.0 | 53.8 | 55.0 | 53.8 | 58.7 | 52.9 | 54.5 | |
| 02:00-03:00 | 55.4 | 59.8 | 55.0 | 55.9 | 54.2 | 59.5 | 53.7 | 54.6 | 53.2 | 58.3 | 52.9 | 53.5 | |
| 03:00-04:00 | 54.6 | 60.5 | 54.0 | 55.2 | 54.1 | 61.4 | 53.7 | 54.5 | 53.9 | 60.1 | 53.3 | 55.1 | |
| 04:00-05:00 | 53.7 | 58.9 | 52.9 | 54.7 | 54.5 | 58.5 | 54.2 | 54.9 | 54.3 | 60.8 | 54.0 | 54.8 | |
| 05:00-06:00 | 54.9 | 58.6 | 53.9 | 55.8 | 55.1 | 62.1 | 54.6 | 55.4 | 54.7 | 59.0 | 54.4 | 55.1 | |
| 06:00-07:00 | 56.1 | 71.7 | 54.8 | 58.3 | 55.0 | 69.6 | 54.3 | 56.0 | 55.0 | 70.0 | 54.2 | 56.4 | |
| 07:00-08:00 | 54.9 | 68.7 | 54.4 | 55.5 | 55.2 | 64.9 | 54.5 | 56.1 | 54.9 | 66.2 | 54.3 | 55.6 | |
| 08:00-09:00 | 55.1 | 71.8 | 53.8 | 57.6 | 55.9 | 72.0 | 55.3 | 57.5 | 56.3 | 75.1 | 54.6 | 59.8 | |
| 09:00-10:00 | 55.0 | 69.8 | 53.6 | 56.6 | 56.0 | 79.2 | 54.7 | 57.9 | 56.4 | 78.5 | 54.8 | 59.1 | |
| 10:00-11:00 | 55.4 | 74.2 | 53.6 | 57.4 | 55.2 | 72.3 | 54.1 | 57.3 | 55.8 | 78.1 | 54.6 | 58.7 | |
| **Leq 24 hrs.** | **56.5** | - | - | - | **56.9** | - | - | - | **57.0** | - | - | - | **70** |
| **Ldn** | **62.1** | - | - | - | **61.7** | - | - | - | **61.5** | - | - | - | - |
| **Lmax** | - | **77.2** | - | - | - | **79.2** | - | - | - | **78.5** | - | - | **115** |
| **L90** | - | - | **52.1-58.2** | - | - | - | **53.7-58.3** | - | - | - | **52.5-58.5** | - | - |
| **L5** | - | - | - | **53.6-69.2** | - | - | - | **54.5-70.7** | - | - | - | **53.5-70.7** | - |

**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 [redacted]
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Technical Specialist Manager
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**Report No.** : **2025-500005674-3 / 004-4 (Page 2 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : สำนักงานในโครงการ **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. 00452076

| Time | Noise Level [dB(A)] | | | | | | | | Standard[1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 27-28, 2025 | | | | Nov 28-29, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 56.8 | 80.0 | 54.7 | 62.8 | 54.5 | 62.9 | 53.9 | 55.4 | |
| 12:00-13:00 | 54.7 | 62.8 | 54.1 | 55.5 | 54.4 | 68.8 | 53.6 | 55.1 | |
| 13:00-14:00 | 57.6 | 76.1 | 53.9 | 62.0 | 59.8 | 74.5 | 54.4 | 66.4 | |
| 14:00-15:00 | 57.2 | 72.6 | 53.3 | 62.6 | 55.8 | 81.2 | 54.3 | 55.9 | |
| 15:00-16:00 | 65.2 | 78.8 | 53.8 | 73.0 | 55.0 | 71.3 | 54.5 | 56.2 | |
| 16:00-17:00 | 56.7 | 69.6 | 54.4 | 59.6 | 56.5 | 73.2 | 55.2 | 59.4 | |
| 17:00-18:00 | 64.9 | 77.4 | 58.4 | 68.1 | 65.8 | 76.6 | 58.2 | 70.3 | |
| 18:00-19:00 | 55.4 | 62.5 | 54.5 | 57.7 | 55.9 | 62.2 | 54.8 | 57.6 | |
| 19:00-20:00 | 55.2 | 67.8 | 54.6 | 56.2 | 55.1 | 62.0 | 54.8 | 55.7 | |
| 20:00-21:00 | 55.0 | 59.2 | 54.7 | 55.4 | 54.8 | 62.5 | 54.3 | 55.3 | |
| 21:00-22:00 | 55.0 | 61.4 | 54.6 | 55.4 | 54.5 | 58.6 | 54.1 | 55.1 | |
| 22:00-23:00 | 54.7 | 66.5 | 54.0 | 55.3 | 53.8 | 60.7 | 53.0 | 54.6 | |
| 23:00-00:00 | 54.0 | 57.6 | 53.7 | 54.5 | 53.2 | 59.7 | 52.6 | 54.1 | |
| 00:00-01:00 | 54.1 | 57.9 | 53.7 | 54.6 | 53.2 | 59.9 | 52.4 | 54.4 | |
| 01:00-02:00 | 53.9 | 59.2 | 53.6 | 54.3 | 53.2 | 59.5 | 52.3 | 54.2 | |
| 02:00-03:00 | 53.8 | 59.0 | 53.5 | 54.3 | 52.7 | 57.4 | 52.2 | 53.4 | |
| 03:00-04:00 | 54.1 | 59.6 | 53.6 | 54.8 | 52.2 | 58.0 | 51.7 | 53.1 | |
| 04:00-05:00 | 54.2 | 60.3 | 53.8 | 55.0 | 52.6 | 62.6 | 52.2 | 53.3 | |
| 05:00-06:00 | 54.6 | 60.9 | 54.1 | 55.1 | 53.2 | 57.8 | 52.7 | 53.7 | |
| 06:00-07:00 | 54.8 | 70.0 | 54.1 | 55.6 | 53.7 | 71.0 | 52.7 | 54.7 | |
| 07:00-08:00 | 57.3 | 70.6 | 53.8 | 64.8 | 52.9 | 69.0 | 51.8 | 53.9 | |
| 08:00-09:00 | 71.7 | 85.9 | 54.1 | 77.9 | 51.9 | 77.3 | 51.1 | 52.4 | |
| 09:00-10:00 | 64.2 | 84.7 | 53.6 | 57.6 | 53.9 | 76.4 | 51.6 | 57.4 | |
| 10:00-11:00 | 64.2 | 77.2 | 54.0 | 70.1 | 51.7 | 64.0 | 50.8 | 53.1 | |
| **Leq 24 hrs.** | **61.4** | - | - | - | **56.3** | - | - | - | **70** |
| **Ldn** | **63.6** | - | - | - | **60.5** | - | - | - | - |
| **Lmax** | - | **85.9** | - | - | - | **81.2** | - | - | **115** |
| **L90** | - | - | **53.3-58.4** | - | - | - | **50.8-58.2** | - | - |
| **L5** | - | - | - | **54.3-77.9** | - | - | - | **52.4-70.3** | - |

**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 [redacted]
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**Report No.** : **2025-500005674-3 / 004-4 (Page 3 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : สำนักงานในโครงการ **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. 00452076

| Time | Noise Level [dB(A)] | | | | | | | | Standard[1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 29-30, 2025 | | | | Nov 30-Dec 1, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 50.4 | 64.8 | 49.7 | 50.9 | 49.0 | 63.7 | 48.3 | 50.0 | |
| 12:00-13:00 | 50.8 | 63.7 | 49.9 | 52.3 | 49.5 | 69.5 | 47.7 | 52.4 | |
| 13:00-14:00 | 51.3 | 65.8 | 50.7 | 52.5 | 48.7 | 64.3 | 48.1 | 49.4 | |
| 14:00-15:00 | 49.8 | 69.3 | 48.7 | 50.7 | 48.8 | 56.3 | 48.2 | 49.5 | |
| 15:00-16:00 | 50.8 | 72.1 | 49.0 | 52.8 | 49.6 | 64.6 | 48.5 | 50.8 | |
| 16:00-17:00 | 51.2 | 70.9 | 49.6 | 53.8 | 52.3 | 69.4 | 49.7 | 54.8 | |
| 17:00-18:00 | 62.0 | 76.6 | 55.2 | 67.8 | 64.6 | 79.1 | 56.8 | 68.1 | |
| 18:00-19:00 | 53.6 | 61.6 | 52.2 | 55.8 | 54.5 | 65.0 | 53.1 | 56.3 | |
| 19:00-20:00 | 52.5 | 64.5 | 52.1 | 53.6 | 53.7 | 64.4 | 53.1 | 54.8 | |
| 20:00-21:00 | 52.5 | 60.6 | 52.0 | 53.4 | 53.7 | 58.9 | 53.0 | 54.5 | |
| 21:00-22:00 | 52.4 | 57.1 | 51.8 | 53.6 | 52.4 | 57.2 | 51.9 | 53.0 | |
| 22:00-23:00 | 51.8 | 56.1 | 51.2 | 52.3 | 52.0 | 57.1 | 51.8 | 52.5 | |
| 23:00-00:00 | 51.6 | 57.3 | 51.4 | 52.0 | 51.5 | 56.2 | 51.3 | 51.7 | |
| 00:00-01:00 | 51.8 | 60.0 | 51.5 | 52.1 | 51.4 | 54.3 | 51.1 | 51.7 | |
| 01:00-02:00 | 51.8 | 59.5 | 51.4 | 52.3 | 51.3 | 55.8 | 50.7 | 51.8 | |
| 02:00-03:00 | 51.7 | 59.4 | 51.5 | 52.1 | 50.5 | 59.0 | 50.3 | 50.7 | |
| 03:00-04:00 | 51.7 | 54.5 | 51.5 | 52.0 | 50.7 | 54.6 | 50.4 | 51.1 | |
| 04:00-05:00 | 52.1 | 59.9 | 51.8 | 52.4 | 51.6 | 56.2 | 50.8 | 52.5 | |
| 05:00-06:00 | 53.9 | 79.2 | 52.4 | 53.7 | 52.6 | 58.3 | 52.1 | 53.3 | |
| 06:00-07:00 | 53.7 | 73.0 | 51.8 | 56.6 | 56.6 | 78.7 | 51.7 | 62.7 | |
| 07:00-08:00 | 51.6 | 70.1 | 50.3 | 53.4 | 52.9 | 70.6 | 51.8 | 54.9 | |
| 08:00-09:00 | 51.6 | 82.3 | 50.2 | 52.5 | 52.8 | 65.9 | 50.7 | 55.7 | |
| 09:00-10:00 | 51.3 | 67.8 | 49.7 | 54.2 | 54.0 | 79.5 | 51.3 | 55.9 | |
| 10:00-11:00 | 50.2 | 68.0 | 48.7 | 52.7 | 53.2 | 63.9 | 52.4 | 54.0 | |
| **Leq 24 hrs.** | **53.3** | - | - | - | **54.5** | - | - | - | **70** |
| **Ldn** | **59.0** | - | - | - | **59.4** | - | - | - | - |
| **Lmax** | - | **82.3** | - | - | - | **79.5** | - | - | **115** |
| **L90** | - | - | **48.7-55.2** | - | - | - | **47.7-56.8** | - | - |
| **L5** | - | - | - | **50.7-67.8** | - | - | - | **49.4-68.1** | - |

**Source :** 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.

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**Report No.** : **2025-500005674-3 / 004-5 (Page 1 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : ริมรั้วด้านนอกทางทิศเหนือ **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. 00541051

| Time | Noise Level [dB(A)] | | | | | | | | | | | | Standard [1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Nov 24-25, 2025 | | | | Nov 25-26, 2025 | | | | Nov 26-27, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 64.4 | 79.8 | 64.2 | 64.7 | 64.4 | 82.0 | 64.2 | 64.6 | 65.4 | 72.3 | 64.0 | 68.1 | |
| 12:00-13:00 | 64.4 | 69.7 | 64.0 | 65.2 | 64.3 | 71.2 | 64.1 | 64.5 | 64.1 | 71.2 | 63.9 | 64.3 | |
| 13:00-14:00 | 64.6 | 68.4 | 64.1 | 65.4 | 64.7 | 68.1 | 64.1 | 65.5 | 64.8 | 68.7 | 64.2 | 65.7 | |
| 14:00-15:00 | 66.0 | 79.8 | 65.4 | 66.4 | 65.9 | 79.2 | 65.5 | 66.1 | 65.6 | 77.9 | 65.3 | 65.9 | |
| 15:00-16:00 | 66.0 | 70.7 | 65.8 | 66.2 | 66.1 | 71.8 | 66.0 | 66.3 | 65.8 | 70.9 | 65.6 | 66.0 | |
| 16:00-17:00 | 66.2 | 81.6 | 65.9 | 66.7 | 66.1 | 72.8 | 66.0 | 66.3 | 65.9 | 69.9 | 65.7 | 66.0 | |
| 17:00-18:00 | 66.0 | 68.4 | 65.8 | 66.1 | 66.1 | 71.7 | 65.9 | 66.2 | 65.9 | 70.7 | 65.8 | 66.1 | |
| 18:00-19:00 | 68.6 | 73.7 | 66.1 | 70.7 | 68.6 | 72.0 | 66.2 | 70.3 | 68.7 | 71.9 | 66.2 | 70.3 | |
| 19:00-20:00 | 66.9 | 70.4 | 66.0 | 68.9 | 66.6 | 69.9 | 66.2 | 67.9 | 66.8 | 70.5 | 66.1 | 68.7 | |
| 20:00-21:00 | 66.0 | 68.7 | 65.9 | 66.1 | 66.3 | 67.6 | 66.2 | 66.4 | 66.2 | 74.3 | 66.0 | 66.3 | |
| 21:00-22:00 | 66.4 | 78.2 | 66.1 | 66.8 | 66.3 | 71.0 | 66.1 | 66.8 | 66.3 | 69.7 | 66.1 | 66.5 | |
| 22:00-23:00 | 66.3 | 67.3 | 66.1 | 66.5 | 66.2 | 68.0 | 66.1 | 66.3 | 66.4 | 67.7 | 66.3 | 66.7 | |
| 23:00-00:00 | 65.7 | 69.6 | 64.6 | 66.4 | 65.6 | 68.9 | 64.5 | 66.2 | 65.6 | 68.1 | 64.3 | 66.4 | |
| 00:00-01:00 | 64.5 | 66.1 | 64.4 | 64.7 | 64.3 | 65.9 | 64.1 | 64.5 | 64.2 | 66.1 | 64.0 | 64.5 | |
| 01:00-02:00 | 64.7 | 66.8 | 64.4 | 65.6 | 64.1 | 66.9 | 64.0 | 64.4 | 64.1 | 65.9 | 64.0 | 64.2 | |
| 02:00-03:00 | 64.5 | 66.6 | 64.4 | 64.6 | 64.0 | 65.9 | 63.9 | 64.2 | 64.2 | 69.9 | 64.1 | 64.3 | |
| 03:00-04:00 | 64.5 | 65.9 | 64.4 | 64.7 | 64.1 | 65.5 | 63.9 | 64.2 | 64.2 | 70.5 | 64.1 | 64.3 | |
| 04:00-05:00 | 64.5 | 66.2 | 64.4 | 64.7 | 64.2 | 66.0 | 64.0 | 64.4 | 64.3 | 65.7 | 64.2 | 64.4 | |
| 05:00-06:00 | 64.7 | 66.8 | 64.6 | 65.1 | 64.4 | 66.8 | 64.2 | 64.7 | 64.4 | 67.6 | 64.2 | 64.7 | |
| 06:00-07:00 | 65.6 | 72.1 | 65.2 | 66.1 | 65.3 | 69.5 | 64.8 | 65.7 | 65.2 | 68.3 | 64.8 | 65.7 | |
| 07:00-08:00 | 65.0 | 71.4 | 64.5 | 66.1 | 65.0 | 70.1 | 64.3 | 66.0 | 65.0 | 75.6 | 64.4 | 66.0 | |
| 08:00-09:00 | 64.5 | 69.4 | 64.4 | 64.6 | 64.4 | 68.7 | 64.3 | 64.5 | 64.6 | 70.2 | 64.4 | 64.9 | |
| 09:00-10:00 | 64.4 | 66.8 | 64.3 | 64.6 | 64.4 | 70.4 | 64.2 | 64.5 | 64.5 | 74.8 | 64.3 | 64.6 | |
| 10:00-11:00 | 64.4 | 71.5 | 64.3 | 64.6 | 64.3 | 77.4 | 64.1 | 64.5 | 64.4 | 78.7 | 64.3 | 64.7 | |
| **Leq 24 hrs.** | **65.5** | - | - | - | **65.4** | - | - | - | **65.4** | - | - | - | **70** |
| **Ldn** | **71.6** | - | - | - | **71.3** | - | - | - | **71.4** | - | - | - | - |
| **Lmax** | - | **81.6** | - | - | - | **82.0** | - | - | - | **78.7** | - | - | **115** |
| **L90** | - | - | **64.0-66.1** | - | - | - | **63.9-66.2** | - | - | - | **63.9-66.3** | - | - |
| **L5** | - | - | - | **64.6-70.7** | - | - | - | **64.2-70.3** | - | - | - | **64.2-70.3** | - |

**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 [redacted]
(Thepsan Vommana)
Technical Specialist Manager
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**Report No.** : **2025-500005674-3 / 004-5 (Page 2 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : ริมรั้วด้านนอกทางทิศเหนือ **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. 00541051

| Time | Noise Level [dB(A)] | | | | | | | | Standard [1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 27-28, 2025 | | | | Nov 28-29, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 64.2 | 69.7 | 64.0 | 64.4 | 64.3 | 68.1 | 64.1 | 64.5 | |
| 12:00-13:00 | 64.6 | 76.6 | 64.1 | 65.1 | 64.1 | 77.0 | 64.0 | 64.3 | |
| 13:00-14:00 | 64.6 | 70.6 | 64.2 | 65.5 | 64.5 | 69.1 | 63.9 | 65.4 | |
| 14:00-15:00 | 65.8 | 80.1 | 65.5 | 66.1 | 65.4 | 78.2 | 65.1 | 65.7 | |
| 15:00-16:00 | 65.7 | 70.6 | 65.6 | 65.9 | 65.6 | 68.1 | 65.5 | 65.8 | |
| 16:00-17:00 | 65.8 | 72.0 | 65.7 | 66.0 | 65.7 | 71.8 | 65.5 | 65.8 | |
| 17:00-18:00 | 65.8 | 69.8 | 65.7 | 66.0 | 65.8 | 68.8 | 65.7 | 65.9 | |
| 18:00-19:00 | 68.4 | 72.0 | 65.9 | 70.2 | 68.2 | 71.9 | 66.0 | 70.1 | |
| 19:00-20:00 | 66.7 | 69.9 | 66.0 | 68.4 | 66.6 | 69.9 | 66.0 | 68.2 | |
| 20:00-21:00 | 66.5 | 76.0 | 66.2 | 67.2 | 66.4 | 70.1 | 66.1 | 66.6 | |
| 21:00-22:00 | 66.4 | 69.0 | 66.3 | 66.6 | 66.7 | 70.4 | 66.5 | 67.0 | |
| 22:00-23:00 | 66.5 | 67.6 | 66.4 | 66.6 | 66.8 | 69.5 | 66.6 | 67.5 | |
| 23:00-00:00 | 65.9 | 68.1 | 64.5 | 66.7 | 66.0 | 69.9 | 64.8 | 66.7 | |
| 00:00-01:00 | 64.8 | 66.8 | 64.6 | 65.0 | 64.6 | 66.3 | 64.5 | 64.8 | |
| 01:00-02:00 | 64.7 | 66.2 | 64.6 | 64.8 | 64.6 | 66.2 | 64.5 | 64.8 | |
| 02:00-03:00 | 64.7 | 66.2 | 64.5 | 64.8 | 64.5 | 66.6 | 64.4 | 64.7 | |
| 03:00-04:00 | 64.7 | 66.7 | 64.6 | 64.8 | 64.8 | 66.6 | 64.7 | 65.0 | |
| 04:00-05:00 | 64.8 | 72.0 | 64.7 | 64.9 | 64.7 | 66.5 | 64.6 | 64.9 | |
| 05:00-06:00 | 64.8 | 66.7 | 64.7 | 65.0 | 64.8 | 67.0 | 64.7 | 64.9 | |
| 06:00-07:00 | 65.3 | 67.9 | 64.9 | 65.6 | 65.4 | 68.3 | 64.9 | 65.8 | |
| 07:00-08:00 | 65.3 | 72.2 | 64.8 | 66.1 | 65.3 | 70.7 | 64.7 | 66.2 | |
| 08:00-09:00 | 64.8 | 67.7 | 64.6 | 65.0 | 64.5 | 70.1 | 64.2 | 64.8 | |
| 09:00-10:00 | 64.6 | 67.2 | 64.4 | 64.8 | 64.1 | 80.7 | 63.9 | 64.4 | |
| 10:00-11:00 | 64.2 | 75.3 | 64.0 | 64.4 | 64.0 | 67.2 | 63.9 | 64.3 | |
| **Leq 24 hrs.** | **65.5** | - | - | - | **65.4** | - | - | - | **70** |
| **Ldn** | **71.7** | - | - | - | **71.7** | - | - | - | - |
| **Lmax** | - | **80.1** | - | - | - | **80.7** | - | - | **115** |
| **L90** | - | - | **64.0-66.4** | - | - | - | **63.9-66.6** | - | - |
| **L5** | - | - | - | **64.4-70.2** | - | - | - | **64.3-70.1** | - |

**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 [redacted]
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**Report No.** : **2025-500005674-3 / 004-5 (Page 3 of 3)** **Issued date:** December 20, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Ambient Noise **Measurement Date** : November 24-December 1, 2025
**Measurement Location** : ริมรั้วด้านนอกทางทิศเหนือ **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. 00541051

| Time | Noise Level [dB(A)] | | | | | | | | Standard[1/, 2/] |
|---|---|---|---|---|---|---|---|---|---|
| | Nov 29-30, 2025 | | | | Nov 30-Dec 1, 2025 | | | | |
| | Leq | Lmax | L90 | L5 | Leq | Lmax | L90 | L5 | |
| 11:00-12:00 | 63.9 | 65.5 | 63.8 | 64.1 | 64.0 | 76.4 | 63.6 | 64.3 | |
| 12:00-13:00 | 63.8 | 66.9 | 63.6 | 64.1 | 63.7 | 73.9 | 63.6 | 63.9 | |
| 13:00-14:00 | 64.1 | 67.2 | 63.7 | 65.1 | 63.8 | 66.1 | 63.6 | 64.0 | |
| 14:00-15:00 | 65.2 | 77.1 | 64.9 | 65.5 | 63.8 | 67.9 | 63.6 | 64.1 | |
| 15:00-16:00 | 65.4 | 66.7 | 65.3 | 65.6 | 63.8 | 66.3 | 63.6 | 64.1 | |
| 16:00-17:00 | 65.5 | 66.8 | 65.3 | 65.7 | 63.8 | 65.4 | 63.5 | 64.1 | |
| 17:00-18:00 | 65.6 | 70.5 | 65.3 | 65.9 | 63.7 | 67.1 | 63.5 | 63.9 | |
| 18:00-19:00 | 68.0 | 71.7 | 65.8 | 70.0 | 67.5 | 76.9 | 64.1 | 69.8 | |
| 19:00-20:00 | 66.7 | 70.7 | 65.9 | 68.7 | 66.8 | 70.4 | 66.0 | 68.5 | |
| 20:00-21:00 | 66.1 | 74.6 | 65.9 | 66.9 | 66.0 | 71.9 | 65.8 | 66.6 | |
| 21:00-22:00 | 66.1 | 70.0 | 65.9 | 66.4 | 66.6 | 71.6 | 66.0 | 67.6 | |
| 22:00-23:00 | 66.2 | 68.4 | 66.0 | 66.9 | 65.0 | 68.3 | 64.4 | 65.7 | |
| 23:00-00:00 | 65.4 | 69.6 | 64.2 | 66.1 | 64.2 | 65.7 | 64.0 | 64.4 | |
| 00:00-01:00 | 64.2 | 66.2 | 64.1 | 64.3 | 64.1 | 65.7 | 63.9 | 64.3 | |
| 01:00-02:00 | 64.3 | 65.8 | 64.1 | 64.5 | 64.1 | 65.6 | 64.0 | 64.2 | |
| 02:00-03:00 | 64.4 | 66.6 | 64.2 | 64.6 | 64.4 | 69.7 | 64.2 | 64.6 | |
| 03:00-04:00 | 64.5 | 66.7 | 64.4 | 64.7 | 64.2 | 66.4 | 64.1 | 64.4 | |
| 04:00-05:00 | 64.6 | 67.3 | 64.4 | 64.8 | 64.3 | 65.9 | 64.2 | 64.5 | |
| 05:00-06:00 | 65.0 | 66.8 | 64.7 | 65.3 | 64.7 | 67.7 | 64.3 | 65.0 | |
| 06:00-07:00 | 65.9 | 70.5 | 65.4 | 66.3 | 65.5 | 72.8 | 64.9 | 65.9 | |
| 07:00-08:00 | 65.3 | 70.0 | 64.7 | 66.4 | 64.9 | 72.1 | 64.3 | 66.4 | |
| 08:00-09:00 | 64.5 | 71.7 | 64.1 | 64.9 | 64.4 | 69.0 | 64.1 | 65.0 | |
| 09:00-10:00 | 64.2 | 75.3 | 63.9 | 64.6 | 64.7 | 69.4 | 64.1 | 65.9 | |
| 10:00-11:00 | 64.2 | 76.9 | 63.9 | 65.0 | 65.0 | 71.5 | 63.9 | 65.7 | |
| **Leq 24 hrs.** | **65.3** | - | - | - | **64.8** | - | - | - | **70** |
| **Ldn** | **71.5** | - | - | - | **71.0** | - | - | - | - |
| **Lmax** | - | **77.1** | - | - | - | **76.9** | - | - | **115** |
| **L90** | - | - | **63.6-66.0** | - | - | - | **63.5-66.0** | - | - |
| **L5** | - | - | - | **64.1-70.0** | - | - | - | **63.9-69.8** | - |

**Source :** 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 [redacted]
(Thepsan Vommana)
Technical Specialist Manager

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# ภาคผนวก ข- 4

# ใบรับรองผลการตรวจวิเคราะห์

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**Report No. : 2025-500004838-4 / 001-1 (Page 1 of 2)** **Issued date :** October 10, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-53, RION Serial No. 00452079

| Period | Sound Level (dB(A)) Gas Turbine Generator | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | 23/09/2025 | | 24/09/2025 | | 25/09/2025 | | 26/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 73.3 | 87.8 | 72.6 | 80.0 | 72.6 | 76.9 | 72.6 | 75.6 | |
| 2nd hour | 72.7 | 73.7 | 73.1 | 77.8 | 72.9 | 74.1 | 72.9 | 78.3 | |
| 3rd hour | 73.0 | 74.0 | 73.3 | 81.2 | 72.9 | 81.4 | 72.9 | 74.0 | |
| 4th hour | 73.1 | 74.4 | 72.8 | 74.1 | 73.3 | 76.1 | 72.8 | 74.3 | |
| 5th hour | 73.1 | 74.1 | 72.9 | 74.1 | 72.5 | 78.5 | 72.5 | 78.9 | |
| 6th hour | 73.1 | 74.2 | 73.0 | 76.8 | 72.9 | 79.0 | 72.9 | 75.1 | |
| 7th hour | 73.9 | 79.1 | 74.2 | 78.3 | 72.9 | 75.7 | 72.9 | 74.0 | |
| 8th hour | 74.1 | 77.2 | 73.0 | 74.2 | 72.9 | 76.3 | 72.8 | 74.2 | |
| **Leq 8 hr** | **73.3** | - | **73.1** | - | **72.9** | - | **72.8** | - | **≤90** |
| **Lmax** | - | **87.8** | - | **81.2** | - | **81.4** | - | **78.9** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

[redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager

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**Report No. : 2025-500004838-4 / 001-1 (Page 2 of 2)** **Issued date :** October 10, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-53, RION Serial No. 00452079

| Period | Sound Level (dB(A)) Gas Turbine Generator | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | 27/09/2025 | | 28/09/2025 | | 29/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 73.5 | 80.3 | 72.3 | 73.8 | 72.6 | 79.7 | |
| 2nd hour | 73.8 | 79.2 | 72.2 | 73.6 | 72.7 | 74.2 | |
| 3rd hour | 73.7 | 75.2 | 71.8 | 75.2 | 72.8 | 73.9 | |
| 4th hour | 73.3 | 76.7 | 71.6 | 74.2 | 72.7 | 74.3 | |
| 5th hour | 72.9 | 79.7 | 71.7 | 73.1 | 72.3 | 79.9 | |
| 6th hour | 73.2 | 79.7 | 71.5 | 73.2 | 72.7 | 84.2 | |
| 7th hour | 73.1 | 74.3 | 71.5 | 72.6 | 72.6 | 74.3 | |
| 8th hour | 73.1 | 74.7 | 71.6 | 73.0 | 72.6 | 74.1 | |
| **Leq 8 hr** | **73.3** | - | **71.8** | - | **72.6** | - | **≤90** |
| **Lmax** | - | **80.3** | - | **75.2** | - | **84.2** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

[redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager

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**Report No. : 2025-500004838-4 / 001-2 (Page 1 of 2)** **Issued date :** October 10, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-53, RION Serial No. 00452072

| Period | Sound Level (dB(A)) | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | Steam Turbine | | | | | | | | |
| | 23/09/2025 | | 24/09/2025 | | 25/09/2025 | | 26/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 85.6 | 88.0 | 86.4 | 90.3 | 86.5 | 88.1 | 86.6 | 88.5 | |
| 2nd hour | 86.1 | 88.4 | 85.8 | 88.1 | 85.6 | 88.2 | 85.6 | 90.7 | |
| 3rd hour | 85.2 | 87.5 | 85.7 | 87.9 | 85.7 | 88.1 | 85.0 | 87.3 | |
| 4th hour | 84.6 | 86.4 | 85.7 | 88.3 | 85.7 | 88.2 | 85.5 | 87.7 | |
| 5th hour | 85.1 | 87.5 | 86.4 | 90.4 | 86.4 | 90.3 | 86.6 | 90.2 | |
| 6th hour | 85.2 | 87.8 | 85.2 | 91.6 | 85.3 | 88.5 | 85.7 | 87.9 | |
| 7th hour | 85.1 | 87.6 | 84.8 | 88.8 | 86.0 | 88.3 | 85.3 | 87.6 | |
| 8th hour | 85.0 | 87.2 | 85.2 | 87.9 | 85.6 | 88.1 | 85.6 | 87.9 | |
| **Leq 8 hr** | **85.7** | **-** | **85.7** | **-** | **85.9** | **-** | **85.8** | **-** | **≤90** |
| **Lmax** | **-** | **91.6** | **-** | **91.6** | **-** | **90.3** | **-** | **90.7** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

[redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager

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**Report No. : 2025-500004838-4 / 001-2 (Page 2 of 2)** **Issued date :** October 10, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
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Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-53, RION Serial No. 00452072

| Period | Sound Level (dB(A)) | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | Steam Turbine | | | | | | |
| | 27/09/2025 | | 28/09/2025 | | 29/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 86.6 | 88.5 | 86.7 | 90.8 | 86.9 | 88.5 | |
| 2nd hour | 85.6 | 90.7 | 86.0 | 88.4 | 86.9 | 88.3 | |
| 3rd hour | 85.0 | 87.3 | 86.2 | 88.4 | 86.6 | 88.0 | |
| 4th hour | 85.5 | 87.7 | 86.0 | 88.6 | 86.6 | 88.5 | |
| 5th hour | 86.6 | 90.2 | 86.8 | 90.9 | 86.6 | 88.5 | |
| 6th hour | 85.7 | 87.9 | 85.9 | 88.6 | 86.7 | 88.4 | |
| 7th hour | 85.3 | 87.6 | 85.8 | 88.6 | 86.7 | 88.2 | |
| 8th hour | 85.6 | 87.9 | 85.7 | 88.3 | 86.8 | 90.4 | |
| **Leq 8 hr** | **85.8** | **-** | **86.2** | **-** | **86.7** | **-** | **≤90** |
| **Lmax** | **-** | **90.7** | **-** | **90.9** | **-** | **90.4** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

[redacted]
Environmental Monitoring and Compliance Audit Manager

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**Report No. : 2025-500004838-4 / 001-3 (Page 1 of 2)** **Issued date :** October 10, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
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Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-52, RION Serial No. 00710417

| Period | Sound Level (dB(A)) | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | Steam Turbine Generator | | | | | | | | |
| | 23/09/2025 | | 24/09/2025 | | 25/09/2025 | | 26/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 87.0 | 89.5 | 87.8 | 93.5 | 87.8 | 89.9 | 87.8 | 90.1 | |
| 2nd hour | 87.1 | 89.5 | 87.8 | 89.5 | 87.9 | 89.9 | 87.6 | 89.5 | |
| 3rd hour | 86.7 | 89.9 | 87.3 | 89.4 | 88.0 | 90.4 | 87.7 | 89.6 | |
| 4th hour | 86.3 | 88.9 | 86.7 | 89.5 | 87.2 | 89.4 | 87.0 | 89.0 | |
| 5th hour | 86.5 | 88.8 | 86.0 | 87.9 | 86.5 | 88.9 | 86.3 | 89.7 | |
| 6th hour | 87.2 | 89.3 | 85.5 | 88.5 | 86.0 | 88.8 | 85.8 | 88.4 | |
| 7th hour | 87.5 | 89.7 | 85.9 | 88.4 | 85.9 | 88.6 | 86.2 | 89.3 | |
| 8th hour | 87.6 | 90.4 | 85.5 | 88.6 | 85.7 | 87.8 | 85.7 | 89.0 | |
| **Leq 8 hr** | **87.0** | **-** | **86.7** | **-** | **87.0** | **-** | **86.8** | **-** | **≤90** |
| **Lmax** | **-** | **90.4** | **-** | **93.5** | **-** | **90.4** | **-** | **90.1** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

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(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager

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**Report No. : 2025-500004838-4 / 001-3 (Page 2 of 2)** **Issued date :** October 10, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
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Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-52, RION Serial No. 00710417

| Period | Sound Level (dB(A)) | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | Steam Turbine Generator | | | | | | |
| | 27/09/2025 | | 28/09/2025 | | 29/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 87.7 | 89.6 | 87.8 | 89.9 | 87.7 | 89.7 | |
| 2nd hour | 87.7 | 89.8 | 87.7 | 89.5 | 87.5 | 89.7 | |
| 3rd hour | 87.7 | 89.7 | 87.8 | 89.7 | 87.5 | 89.4 | |
| 4th hour | 87.4 | 89.4 | 87.3 | 89.5 | 87.5 | 89.5 | |
| 5th hour | 86.6 | 89.6 | 86.5 | 89.8 | 86.6 | 89.6 | |
| 6th hour | 86.1 | 88.5 | 86.1 | 88.4 | 85.9 | 88.1 | |
| 7th hour | 86.1 | 88.3 | 86.2 | 88.9 | 85.7 | 87.9 | |
| 8th hour | 86.2 | 88.7 | 85.9 | 88.4 | 85.7 | 88.0 | |
| **Leq 8 hr** | **87.0** | **-** | **87.0** | **-** | **86.8** | **-** | **≤90** |
| **Lmax** | **-** | **89.8** | **-** | **89.9** | **-** | **89.7** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

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(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager

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**Report No. : 2025-500004838-4 / 001-4 (Page 1 of 2)** **Issued date :** October 10, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-53, RION Serial No. 00452072

| Period | Sound Level (dB(A)) | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | Cooling Tower | | | | | | | | |
| | 23/09/2025 | | 24/09/2025 | | 25/09/2025 | | 26/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 79.3 | 82.4 | 79.9 | 105.4 | 84.0 | 89.4 | 79.2 | 81.0 | |
| 2nd hour | 79.3 | 80.8 | 79.5 | 82.8 | 79.2 | 80.2 | 79.2 | 86.1 | |
| 3rd hour | 79.4 | 80.7 | 79.6 | 84.2 | 79.5 | 105.0 | 79.2 | 81.6 | |
| 4th hour | 79.4 | 82.2 | 79.4 | 81.2 | 79.1 | 80.1 | 79.2 | 80.5 | |
| 5th hour | 79.4 | 80.3 | 79.7 | 104.4 | 79.0 | 82.2 | 79.5 | 104.9 | |
| 6th hour | 79.6 | 80.5 | 79.4 | 83.5 | 79.0 | 80.5 | 79.1 | 81.7 | |
| 7th hour | 81.8 | 85.0 | 79.3 | 82.7 | 79.1 | 80.5 | 79.1 | 80.0 | |
| 8th hour | 79.9 | 82.2 | 79.3 | 81.2 | 81.3 | 84.1 | 79.1 | 80.1 | |
| **Leq 8 hr** | **79.8** | - | **79.5** | - | **80.4** | - | **79.2** | - | **≤90** |
| **Lmax** | - | **85.0** | - | **105.4** | - | **105.0** | - | **104.9** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

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(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager

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**Report No. : 2025-500004838-4 / 001-4 (Page 2 of 2)** **Issued date :** October 10, 2025

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## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-53, RION Serial No. 00452072

| Period | Sound Level (dB(A)) | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | Cooling Tower | | | | | | |
| | 27/09/2025 | | 28/09/2025 | | 29/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 79.6 | 102.2 | 78.8 | 80.9 | 79.9 | 103.6 | |
| 2nd hour | 79.4 | 82.3 | 79.1 | 81.8 | 79.6 | 82.9 | |
| 3rd hour | 79.6 | 80.8 | 79.6 | 80.6 | 79.5 | 80.7 | |
| 4th hour | 79.9 | 81.4 | 79.5 | 80.7 | 79.4 | 80.6 | |
| 5th hour | 80.7 | 109.9 | 79.5 | 82.9 | 79.7 | 103.2 | |
| 6th hour | 79.8 | 80.8 | 80.2 | 88.4 | 79.4 | 82.7 | |
| 7th hour | 79.8 | 80.8 | 79.5 | 81.7 | 79.3 | 80.3 | |
| 8th hour | 79.8 | 81.3 | 80.1 | 82.9 | 79.3 | 80.7 | |
| **Leq 8 hr** | **79.8** | - | **79.6** | - | **79.5** | - | **≤90** |
| **Lmax** | - | **109.9** | - | **88.4** | - | **103.6** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

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(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager

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**Report No. : 2025-500004838-4 / 001-5 (Page 1 of 2)** **Issued date :** October 10, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
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## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-53, RION Serial No. 00452077

| Period | Sound Level (dB(A)) | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | Gas Compressor | | | | | | | | |
| | 23/09/2025 | | 24/09/2025 | | 25/09/2025 | | 26/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 81.0 | 92.5 | 82.8 | 115.9 | 78.4 | 85.3 | 82.7 | 86.1 | |
| 2nd hour | 81.4 | 84.5 | 83.1 | 84.0 | 83.6 | 84.7 | 83.2 | 84.5 | |
| 3rd hour | 83.0 | 83.9 | 83.1 | 85.3 | 83.3 | 84.4 | 83.3 | 84.7 | |
| 4th hour | 83.1 | 84.6 | 83.0 | 89.0 | 83.5 | 84.8 | 83.1 | 84.1 | |
| 5th hour | 83.0 | 83.9 | 83.4 | 116.4 | 81.0 | 116.2 | 83.3 | 116.7 | |
| 6th hour | 83.2 | 84.1 | 83.1 | 84.3 | 83.1 | 84.1 | 83.2 | 84.1 | |
| 7th hour | 83.4 | 84.8 | 82.9 | 83.8 | 83.1 | 84.0 | 83.2 | 84.1 | |
| 8th hour | 83.0 | 84.3 | 82.9 | 85.1 | 83.2 | 84.4 | 83.2 | 84.1 | |
| **Leq 8 hr** | **82.7** | **-** | **83.0** | **-** | **82.7** | **-** | **83.1** | **-** | **≤90** |
| **Lmax** | **-** | **92.5** | **-** | **116.4** | **-** | **116.2** | **-** | **116.7** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

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Environmental Monitoring and Compliance Audit Manager
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**Report No. : 2025-500004838-4 / 001-5 (Page 2 of 2)** **Issued date :** October 10, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Workplace Noise Level **MEASUREMENT DATE** : September 23-29, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, (SPP3) **MEASURED BY** : Oran Boonphan
**CALIBRATION DATA** : Model CR : 515 Serial No. 88336, Cirrus
Calibration Value Reference: 94.0 dB(A) Pre Cal. : 94.0 dB(A), Post Cal. : 94.0 dB(A)
**SOUND LEVEL METER NO.** : Model NL-53, RION Serial No. 00452077

| Period | Sound Level (dB(A)) | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | Gas Compressor | | | | | | |
| | 27/09/2025 | | 28/09/2025 | | 29/09/2025 | | |
| | Leq 8 hr | Lmax | Leq 8 hr | Lmax | Leq 8 hr | Lmax | |
| 1st hour | 83.4 | 115.8 | 78.5 | 80.5 | 80.4 | 111.4 | |
| 2nd hour | 83.3 | 84.6 | 78.2 | 79.6 | 79.3 | 80.7 | |
| 3rd hour | 83.4 | 84.3 | 78.0 | 80.0 | 79.3 | 80.4 | |
| 4th hour | 83.3 | 84.7 | 78.1 | 79.4 | 79.1 | 80.6 | |
| 5th hour | 83.8 | 117.2 | 78.4 | 80.0 | 80.1 | 111.0 | |
| 6th hour | 83.1 | 84.0 | 78.3 | 80.0 | 79.5 | 80.6 | |
| 7th hour | 83.1 | 84.0 | 78.3 | 79.6 | 79.5 | 80.7 | |
| 8th hour | 83.1 | 84.0 | 78.5 | 81.3 | 79.5 | 80.8 | |
| **Leq 8 hr** | **83.3** | **-** | **78.3** | **-** | **79.6** | **-** | **≤90** |
| **Lmax** | **-** | **117.2** | **-** | **81.3** | **-** | **111.4** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

[redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager
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**Report No. : 2025-500005674-5 / 002-1 (Page 1 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level **Measurement Date** : December 15-21, 2025
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province **Measured By** : Nuttawat Sirichoti **Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541051

| Period | Sound Level (dB(A)) Gas Turbine Generator | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | 15/12/2025 | | 16/12/2025 | | 17/12/2025 | | 18/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 74.8 | 87.3 | 75.0 | 83.4 | 75.1 | 83.2 | 74.7 | 83.5 | |
| 2nd hour | 75.1 | 85.9 | 75.2 | 82.7 | 75.2 | 85.0 | 74.6 | 88.6 | |
| 3rd hour | 74.3 | 80.2 | 74.5 | 83.5 | 74.7 | 87.5 | 74.8 | 82.5 | |
| 4th hour | 74.4 | 82.9 | 75.0 | 85.0 | 74.8 | 86.6 | 74.3 | 79.3 | |
| 5th hour | 75.5 | 83.4 | 75.1 | 94.3 | 75.4 | 81.7 | 74.8 | 81.6 | |
| 6th hour | 75.1 | 81.4 | 75.3 | 87.3 | 75.1 | 92.7 | 74.9 | 92.4 | |
| 7th hour | 75.2 | 78.5 | 75.3 | 81.7 | 74.8 | 83.5 | 75.0 | 84.4 | |
| 8th hour | 74.9 | 76.8 | 75.0 | 80.5 | 74.9 | 79.2 | 75.1 | 93.5 | |
| **Leq 8 hrs.** | **74.9** | **-** | **75.1** | **-** | **75.0** | **-** | **74.8** | **-** | **≤90** |
| **Lmax** | **-** | **87.3** | **-** | **94.3** | **-** | **92.7** | **-** | **93.5** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

Approved by [redacted]
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**Report No. : 2025-500005674-5 / 002-1 (Page 2 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level **Measurement Date** : December 15-21, 2025
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province **Measured By** : Nuttawat Sirichoti **Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541051

| Period | Sound Level (dB(A)) Gas Turbine Generator | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | 19/12/2025 | | 20/12/2025 | | 21/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 74.7 | 82.9 | 74.7 | 76.8 | 75.0 | 80.4 | |
| 2nd hour | 74.6 | 81.4 | 74.5 | 77.3 | 74.8 | 84.9 | |
| 3rd hour | 74.7 | 81.1 | 74.5 | 76.0 | 74.9 | 83.6 | |
| 4th hour | 74.5 | 83.1 | 74.5 | 77.0 | 74.9 | 81.6 | |
| 5th hour | 74.8 | 81.5 | 74.8 | 81.6 | 74.8 | 82.4 | |
| 6th hour | 74.9 | 88.2 | 74.8 | 77.6 | 75.0 | 80.8 | |
| 7th hour | 75.0 | 87.9 | 75.1 | 76.6 | 75.4 | 78.9 | |
| 8th hour | 74.9 | 79.7 | 75.3 | 78.8 | 75.6 | 77.7 | |
| **Leq 8 hr** | **74.8** | **-** | **74.8** | **-** | **75.0** | **-** | **≤90** |
| **Lmax** | **-** | **88.2** | **-** | **81.6** | **-** | **84.9** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

Approved by [redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager
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**Report No. : 2025-500005674-5 / 002-2 (Page 1 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province
**Measurement Date** : December 15-21, 2025
**Measured By** : Nuttawat Sirichoti
**Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541086

| Period | Sound Level (dB(A)) | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | Steam Turbine | | | | | | | | |
| | 15/12/2025 | | 16/12/2025 | | 17/12/2025 | | 18/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 84.8 | 89.7 | 84.9 | 87.1 | 85.1 | 86.9 | 85.1 | 86.9 | |
| 2nd hour | 84.9 | 86.9 | 85.0 | 87.4 | 85.2 | 87.2 | 85.2 | 87.2 | |
| 3rd hour | 84.8 | 86.9 | 85.0 | 86.7 | 85.1 | 86.8 | 85.1 | 86.8 | |
| 4th hour | 84.4 | 86.7 | 84.9 | 86.9 | 84.9 | 86.5 | 84.9 | 86.5 | |
| 5th hour | 83.8 | 89.2 | 84.2 | 86.3 | 84.2 | 88.9 | 84.2 | 88.9 | |
| 6th hour | 83.3 | 85.4 | 83.2 | 85.5 | 85.0 | 86.8 | 85.0 | 86.8 | |
| 7th hour | 83.1 | 84.7 | 83.1 | 84.7 | 85.3 | 86.9 | 85.3 | 86.9 | |
| 8th hour | 83.2 | 85.3 | 83.0 | 84.9 | 85.1 | 87.1 | 85.1 | 87.1 | |
| **Leq 8 hrs.** | **84.1** | **-** | **84.2** | **-** | **85.0** | **-** | **85.0** | **-** | **≤90** |
| **Lmax** | **-** | **89.7** | **-** | **87.4** | **-** | **88.9** | **-** | **88.9** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

Approved by [redacted]
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Environmental Monitoring and Compliance Audit Manager
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**Report No. : 2025-500005674-5 / 002-2 (Page 2 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province
**Measurement Date** : December 15-21, 2025
**Measured By** : Nuttawat Sirichoti
**Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541086

| Period | Sound Level (dB(A)) | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | Steam Turbine | | | | | | |
| | 19/12/2025 | | 20/12/2025 | | 21/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 85.3 | 87.6 | 85.4 | 88.0 | 86.6 | 87.9 | |
| 2nd hour | 85.2 | 86.9 | 85.3 | 87.5 | 86.0 | 89.5 | |
| 3rd hour | 85.9 | 88.3 | 85.5 | 87.1 | 85.5 | 87.4 | |
| 4th hour | 85.8 | 87.5 | 85.6 | 87.6 | 86.0 | 88.5 | |
| 5th hour | 85.7 | 87.8 | 85.7 | 87.9 | 86.2 | 88.4 | |
| 6th hour | 85.5 | 87.1 | 85.6 | 87.9 | 85.8 | 87.9 | |
| 7th hour | 85.2 | 86.7 | 85.2 | 86.6 | 85.4 | 86.7 | |
| 8th hour | 85.4 | 86.5 | 85.5 | 86.6 | 85.7 | 87.2 | |
| **Leq 8 hr** | **85.5** | **-** | **85.5** | **-** | **85.9** | **-** | **≤90** |
| **Lmax** | **-** | **88.3** | **-** | **88.0** | **-** | **89.5** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

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Environmental Monitoring and Compliance Audit Manager
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**Report No. : 2025-500005674-5 / 002-3 (Page 1 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province
**Measurement Date** : December 15-21, 2025
**Measured By** : Nuttawat Sirichoti
**Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541084

| Period | Sound Level (dB(A)) | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | Steam Turbine Generator | | | | | | | | |
| | 15/12/2025 | | 16/12/2025 | | 17/12/2025 | | 18/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 85.8 | 88.0 | 85.8 | 87.1 | 85.9 | 87.6 | 86.0 | 87.4 | |
| 2nd hour | 85.8 | 87.1 | 85.6 | 87.3 | 85.8 | 87.4 | 85.8 | 87.3 | |
| 3rd hour | 85.7 | 87.5 | 85.6 | 87.0 | 85.7 | 87.3 | 85.8 | 87.2 | |
| 4th hour | 85.1 | 88.1 | 85.5 | 87.3 | 85.7 | 87.6 | 85.6 | 87.2 | |
| 5th hour | 84.2 | 86.7 | 85.0 | 87.3 | 85.1 | 88.3 | 85.0 | 88.0 | |
| 6th hour | 84.0 | 85.7 | 83.9 | 86.1 | 83.8 | 86.3 | 84.0 | 87.2 | |
| 7th hour | 83.9 | 85.7 | 83.8 | 86.3 | 83.7 | 85.8 | 83.9 | 85.7 | |
| 8th hour | 83.8 | 85.7 | 83.6 | 85.4 | 83.6 | 85.7 | 83.9 | 85.8 | |
| **Leq 8 hrs.** | **84.9** | **-** | **84.9** | **-** | **85.0** | **-** | **85.1** | **-** | **≤90** |
| **Lmax** | **-** | **88.1** | **-** | **87.3** | **-** | **88.3** | **-** | **88.0** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

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**Report No. : 2025-500005674-5 / 002-3 (Page 2 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province
**Measurement Date** : December 15-21, 2025
**Measured By** : Nuttawat Sirichoti
**Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541084

| Period | Sound Level (dB(A)) | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | Steam Turbine Generator | | | | | | |
| | 19/12/2025 | | 20/12/2025 | | 21/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 85.7 | 87.0 | 85.8 | 87.8 | 85.7 | 87.2 | |
| 2nd hour | 85.7 | 87.0 | 85.7 | 86.8 | 85.8 | 87.1 | |
| 3rd hour | 85.7 | 87.4 | 85.7 | 87.0 | 85.7 | 89.8 | |
| 4th hour | 85.5 | 87.0 | 85.6 | 87.1 | 85.3 | 86.8 | |
| 5th hour | 85.0 | 87.8 | 85.0 | 88.0 | 85.3 | 86.7 | |
| 6th hour | 84.0 | 85.8 | 83.7 | 86.5 | 85.6 | 87.3 | |
| 7th hour | 83.9 | 86.0 | 83.8 | 86.3 | 85.5 | 87.0 | |
| 8th hour | 84.0 | 85.8 | 83.8 | 85.4 | 85.4 | 87.2 | |
| **Leq 8 hr** | **85.0** | **-** | **85.0** | **-** | **85.5** | **-** | **≤90** |
| **Lmax** | **-** | **87.8** | **-** | **88.0** | **-** | **89.8** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

Approved by [redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager
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**Report No. : 2025-500005674-5 / 002-4 (Page 1 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level **Measurement Date** : December 15-21, 2025
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province **Measured By** : Nuttawat Sirichoti **Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541087

| Period | Sound Level (dB(A)) | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | Cooling Tower | | | | | | | | |
| | 15/12/2025 | | 16/12/2025 | | 17/12/2025 | | 18/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 79.8 | 94.2 | 79.9 | 81.4 | 79.9 | 82.2 | 79.9 | 88.0 | |
| 2nd hour | 79.8 | 80.6 | 79.8 | 80.7 | 79.9 | 81.1 | 79.8 | 82.9 | |
| 3rd hour | 79.8 | 80.6 | 79.8 | 87.5 | 79.9 | 81.1 | 83.9 | 89.5 | |
| 4th hour | 80.3 | 106.7 | 79.8 | 85.4 | 79.7 | 80.8 | 79.9 | 80.8 | |
| 5th hour | 79.7 | 81.8 | 79.7 | 81.8 | 80.2 | 105.1 | 80.5 | 107.1 | |
| 6th hour | 79.7 | 80.8 | 79.7 | 81.7 | 79.8 | 89.7 | 79.8 | 85.5 | |
| 7th hour | 79.7 | 81.5 | 79.8 | 82.3 | 79.8 | 88.5 | 79.8 | 81.2 | |
| 8th hour | 79.8 | 81.8 | 79.8 | 90.8 | 79.8 | 81.2 | 79.8 | 80.8 | |
| **Leq 8 hrs.** | **79.8** | **-** | **79.8** | **-** | **79.9** | **-** | **80.7** | **-** | **≤90** |
| **Lmax** | **-** | **106.7** | **-** | **90.8** | **-** | **105.1** | **-** | **107.1** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

Approved by [redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager
SGS (THAILAND) LIMITED

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**Report No. : 2025-500005674-5 / 002-4 (Page 2 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level **Measurement Date** : December 15-21, 2025
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province **Measured By** : Nuttawat Sirichoti **Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541087

| Period | Sound Level (dB(A)) | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | Cooling Tower | | | | | | |
| | 19/12/2025 | | 20/12/2025 | | 21/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 79.8 | 81.0 | 79.9 | 81.8 | 79.7 | 81.6 | |
| 2nd hour | 79.8 | 84.2 | 79.8 | 80.8 | 79.7 | 81.0 | |
| 3rd hour | 79.7 | 86.1 | 79.7 | 80.7 | 80.2 | 85.8 | |
| 4th hour | 79.8 | 80.7 | 79.7 | 80.6 | 79.6 | 80.7 | |
| 5th hour | 80.4 | 107.5 | 80.2 | 106.6 | 79.7 | 80.9 | |
| 6th hour | 79.7 | 85.0 | 79.5 | 80.4 | 79.7 | 80.5 | |
| 7th hour | 79.8 | 90.5 | 79.5 | 81.2 | 79.7 | 80.5 | |
| 8th hour | 79.7 | 82.0 | 79.6 | 80.6 | 79.7 | 80.7 | |
| **Leq 8 hr** | **79.9** | **-** | **79.7** | **-** | **79.7** | **-** | **≤90** |
| **Lmax** | **-** | **107.5** | **-** | **106.6** | **-** | **85.8** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

Approved by [redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager
SGS (THAILAND) LIMITED

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**Report No. : 2025-500005674-5 / 002-5 (Page 1 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level **Measurement Date** : December 15-21, 2025
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province **Measured By** : Nuttawat Sirichoti **Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541052

| Period | Sound Level (dB(A)) | | | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|---|---|
| | Gas compressor | | | | | | | | |
| | 15/12/2025 | | 16/12/2025 | | 17/12/2025 | | 18/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 76.9 | 95.6 | 76.7 | 77.6 | 76.9 | 77.9 | 77.6 | 82.7 | |
| 2nd hour | 76.8 | 78.5 | 76.7 | 78.3 | 76.9 | 77.8 | 77.2 | 78.1 | |
| 3rd hour | 76.8 | 77.8 | 76.7 | 79.6 | 76.7 | 77.7 | 78.5 | 81.1 | |
| 4th hour | 84.1 | 117.0 | 76.6 | 79.0 | 76.5 | 77.8 | 77.2 | 78.2 | |
| 5th hour | 83.8 | 84.7 | 80.1 | 85.0 | 84.4 | 117.2 | 83.9 | 116.6 | |
| 6th hour | 83.8 | 84.7 | 83.6 | 84.6 | 83.8 | 89.1 | 83.8 | 85.6 | |
| 7th hour | 83.9 | 84.7 | 83.7 | 84.6 | 83.9 | 85.2 | 83.7 | 84.7 | |
| 8th hour | 84.3 | 85.0 | 83.8 | 85.2 | 83.9 | 84.7 | 84.0 | 85.2 | |
| **Leq 8 hrs.** | **82.4** | **-** | **80.9** | **-** | **81.7** | **-** | **81.8** | **-** | **≤90** |
| **Lmax** | **-** | **117.0** | **-** | **85.2** | **-** | **117.2** | **-** | **116.6** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

Approved by [redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager
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**Report No. : 2025-500005674-5 / 002-5 (Page 2 of 2)** **Issued date:** December 30, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Workplace Noise Level **Measurement Date** : December 15-21, 2025
**Measurement Location** : Rojana Power Plant 3, (SPP3) Ayutthaya Province **Measured By** : Nuttawat Sirichoti **Measurement Time** : 08:30-16:30
**Calibrator Data** : Calibrator Model CR:515, Cirrus Research plc.Co., Ltd. Serial No. 88336 Calibration Value Reference: 94.0 dB (A), Pre Cal. : 93.8 dB(A), Post Cal. : 93.8 dB(A)
**Sound Level Meter** : Model NL-53, RION Serial No. 00541052

| Period | Sound Level (dB(A)) | | | | | | Standard[1/] |
|---|---|---|---|---|---|---|---|
| | Gas compressor | | | | | | |
| | 19/12/2025 | | 20/12/2025 | | 21/12/2025 | | |
| | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | Leq 8 hrs. | Lmax | |
| 1st hour | 77.4 | 78.4 | 77.4 | 78.4 | 77.6 | 78.5 | |
| 2nd hour | 77.2 | 83.4 | 77.1 | 78.1 | 77.3 | 78.4 | |
| 3rd hour | 76.9 | 79.9 | 76.6 | 77.7 | 77.1 | 78.5 | |
| 4th hour | 76.8 | 78.2 | 76.6 | 77.6 | 76.9 | 77.8 | |
| 5th hour | 84.2 | 117.8 | 84.2 | 117.0 | 77.0 | 78.0 | |
| 6th hour | 83.7 | 84.7 | 83.7 | 84.5 | 76.9 | 78.0 | |
| 7th hour | 83.8 | 84.6 | 83.7 | 84.5 | 76.8 | 77.9 | |
| 8th hour | 83.8 | 84.6 | 83.7 | 84.5 | 76.9 | 78.0 | |
| **Leq 8 hr** | **81.7** | **-** | **81.6** | **-** | **77.1** | **-** | **≤90** |
| **Lmax** | **-** | **117.8** | **-** | **117.0** | **-** | **78.5** | **≤140** |

**Sources :** [1/] Notification of the Ministry of Industry, Subject "Safety Protection Measure for Industry about Working Condition", dated December 3, B.E. 2546 (2003).

Approved by [redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager
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# ภาคผนวก ข- 5

# ใบรับรองผลการตรวจวิเคราะห์
# คุณภาพน้ำทิ้ง

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**Report No. : 2025-500004838-1 / 001 (Page 1 of 2)** **Issued date:** July 25, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis
**SAMPLING LOCATION** : Discharge Point Phase 3, Rojana Power Plant 3
**SAMPLING BY** : Oran Boonphan (ว-197-ซ-0025)
**LABORATORY NAME** : SGS (Thailand) Limited (ว-197)
**SAMPLING DATE** : July 11, 2025
**ANALYTICAL DATE** : July 11, 2025
**SAMPLING TIME** : 10:46 hrs.

| Parameter | Unit | Method | Result | Standard 1/ | Standard2/ |
|---|---|---|---|---|---|
| pH | - | APHA, 4500 -H+ B | 7.9 | 6.0-9.0 | 5.5-9.0 |
| Temperature* | °C | APHA, 2550 B (On-Site) | 29.6 | ≤45 | ≤40 |
| Total Dissolved Solids (TDS) | mg/l | APHA, 2540 C | 987 | ≤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 | 3 | - | ≤500 |

**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 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

[redacted]
(Thepsan Yommana)
Technical Manager
License ID: ว-197-ค-0005

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**Report No. : 2025-500004838-1 / 001 (Page 2 of 2)** **Issued date:** July 25, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis
**SAMPLING LOCATION** : Discharge Point Phase 3, Rojana Power Plant 3
**SAMPLING BY** : Oran Boonphan
**SAMPLING DATE** : July 11, 2025
**ANALYTICAL DATE** : July 11, 2025
**SAMPLING TIME** : 10:46 hrs.

| Parameter | Unit | Method | Result | Standard1/ | Standard2/ |
|---|---|---|---|---|---|
| Free Chlorine ($Cl_2$) | mg/l | APHA, 4500-Cl G | 0.01 | ≤1 | ≤1 |
| Potassium (K) | mg/l | APHA, 3120 B | 18.19 | - | - |
| Sodium (Na) | mg/l | APHA, 3120 B | 158.40 | - | - |
| Flow Rate* | $m^3$/hr. | Flow rate Meter | 93.23 | - | - |

**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 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

[redacted]
(Thepsan Yommana)
Technical Manager

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**Report No. : 2025-500004838-2 / 001 (Page 1 of 2)** **Issued date:** August 25, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis
**SAMPLING LOCATION** : Discharge Point Phase 3, Rojana Power Plant 3
**SAMPLING BY** : Oran Boonphan (๑-197-๙-0025)
**LABORATORY NAME** : SGS (Thailand) Limited (๑-197)
**SAMPLING DATE** : August 7, 2025
**ANALYTICAL DATE** : August 8, 2025
**SAMPLING TIME** : 14:50 hr.

| Parameter | Unit | Method | Result | Standard 1/ | Standard 2/ |
|---|---|---|---|---|---|
| pH | - | APHA, 4500 -H+ B | 7.5 | 6.0-9.0 | 5.5-9.0 |
| Temperature* | °C | APHA, 2550 B (On-Site) | 31.1 | ≤45 | ≤40 |
| Total Dissolved Solids (TDS) | mg/l | APHA, 2540 C | 1,097 | ≤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 |

**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 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

[redacted]
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**Report No. : 2025-500004838-2 / 001 (Page 2 of 2)** **Issued date:** August 25, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis
**SAMPLING LOCATION** : Discharge Point Phase 3, Rojana Power Plant 3
**SAMPLING BY** : Oran Boonphan
**SAMPLING DATE** : August 7, 2025
**ANALYTICAL DATE** : August 8, 2025
**SAMPLING TIME** : 14:50 hr.

| Parameter | Unit | Method | Result | Standard 1/ | Standard 2/ |
|---|---|---|---|---|---|
| Free Chlorine ($Cl_2$) | mg/l | APHA, 4500-Cl G | <0.01 | ≤1 | ≤1 |
| Potassium (K) | mg/l | APHA, 3120 B | 18.50 | - | - |
| Sodium (Na) | mg/l | APHA, 3120 B | 127.87 | - | - |
| Flow Rate* | $m^3$/hr. | Flow rate Meter | 132.30 | - | - |

**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 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

[redacted]
(Thepsan Yommana)
Technical Manager

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**Report No. : 2025-500004838-3 / 001 (Page 1 of 2)** **Issued date:** September 22, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis
**SAMPLING LOCATION** : Discharge Point Phase 3, Rojana Power Plant 3
**SAMPLING BY** : Watchararat Linjee (ว-197-จ-0004)
**LABORATORY NAME** : SGS (Thailand) Limited (ว-197)
**SAMPLING DATE** : September 4, 2025
**ANALYTICAL DATE** : September 5, 2025
**SAMPLING TIME** : 11:15 hr.

| Parameter | Unit | Method | Result | Standard 1/ | Standard 2/ |
|---|---|---|---|---|---|
| pH | - | APHA, 4500 -H+ B | 7.6 | 6.0-9.0 | 5.5-9.0 |
| Temperature* | °C | APHA, 2550 B (On-Site) | 30.7 | ≤45 | ≤40 |
| Total Dissolved Solids (TDS) | mg/l | APHA, 2540 C | 913 | ≤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 |

**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 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

[redacted]
(Thepsan Yommana)
Technical Manager
License ID: ว-197-ค-0005

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**Report No. : 2025-500004838-3 / 001 (Page 2 of 2)** **Issued date:** September 22, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Mr. Samart Thawekhun
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: samart.t@iome.co.th

## Analysis Report

**SAMPLE DESIGNATED AS** : Wastewater Analysis
**SAMPLING LOCATION** : Discharge Point Phase 3, Rojana Power Plant 3
**SAMPLING BY** : Watchararat Linjee
**SAMPLING DATE** : September 4, 2025
**ANALYTICAL DATE** : September 5, 2025
**SAMPLING TIME** : 11:15 hr.

| Parameter | Unit | Method | Result | Standard 1/ | Standard 2/ |
|---|---|---|---|---|---|
| Free Chlorine ($Cl_2$) | mg/l | APHA, 4500-Cl G | 0.01 | ≤1 | ≤1 |
| Potassium (K) | mg/l | APHA, 3120 B | 16.93 | - | - |
| Sodium (Na) | mg/l | APHA, 3120 B | 115.67 | - | - |
| Flow Rate* | $m^3$/hr. | Flow rate Meter | 93.39 | - | - |

**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 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

[redacted]
(Thepsan Yommana)
Technical Manager

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**Report No. : 2025-500005674-1 / 001 (Page 1 of 2)** **Issued date:** October 29, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wastewater
**Sampling Location** : Discharge Point Phase 3, Rojana Power Plant 3
**Sampling By** : Oran Boonphan (ว-197-ฆ-0025)
**Laboratory Name** : SGS (Thailand) Limited (ว-197)
**Sample Condition** : Yellow, odorless and no sediment.

**Sampling Date** : October 2, 2025
**Sampling Time** : 11:53 hr.
**Received Date** : October 3, 2025
**Analysis Date** : October 3-28, 2025

| Parameter | Unit | Method | Result | Standard 1/ | Standard2/ |
|---|---|---|---|---|---|
| pH | - | SM 4500 -H+ B | 7.8 | 6.0-9.0 | 5.5-9.0 |
| Temperature* | °C | SM 2550 B (On-Site) | 31.8 | ≤45 | ≤40 |
| Total Dissolved Solids (TDS) | mg/l | SM 2540 C | 1,247 | ≤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 |

**Remarks :** * Under Inspection Body's accredited scope
- SM = Analytical Methods followed to Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.

**Sources:** 1/ EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

Reviewed by [redacted]
Technical Specialist Section Head
License ID: ว-197-ค-0004

Approved by [redacted]
License ID: ว-197-ค-0005

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**Report No. : 2025-500005674-1 / 001 (Page 2 of 2)** **Issued date:** October 29, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wastewater
**Sampling Location** : Discharge Point Phase 3, Rojana Power Plant 3
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited
**Sample Condition** : Yellow, odorless and no sediment.

**Sampling Date** : October 2, 2025
**Sampling Time** : 11:53 hr.
**Received Date** : October 3, 2025
**Analysis Date** : October 3-28, 2025

| Parameter | Unit | Method | Result | Standard 1/ | Standard2/ |
|---|---|---|---|---|---|
| Free Chlorine ($Cl_2$) | mg/l | SM 4500-Cl G | <0.01 | ≤1 | ≤1 |
| Potassium (K) | mg/l | SM 3120 B | 22.95 | - | - |
| Sodium (Na) | mg/l | SM 3120 B | 201.93 | - | - |
| Flow Rate* | $m^3$/hr. | Flow rate Meter | 138.20 | - | - |

**Remark :** * Data from client.
- SM = Analytical Methods followed to Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.

**Sources:** 1/ EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

Reviewed by [redacted]
Technical Specialist Section Head

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

SGS (THAILAND) LIMITED

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**Report No. : 2025-500005674-2 / 001 (Page 1 of 2)** **Issued date:** November 26, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wastewater
**Sampling Location** : Discharge Point Phase 3, Rojana Power Plant 3
**Sampling By** : Oran Boonphan (ว-197-ง-0025)
**Laboratory Name** : SGS (Thailand) Limited (ว-197)
**Sample Condition** : Yellow, odorless and no sediment.

**Sampling Date** : November 6, 2025
**Sampling Time** : 10:10 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 | 8.5 | 6.0-9.0 | 5.5-9.0 |
| Temperature* | °C | SM 2550 B (On-Site) | 28.8 | ≤45 | ≤40 |
| Total Dissolved Solids (TDS) | mg/l | SM 2540 C | 1,028 | ≤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 |

**Remarks :** * Under Inspection Body's accredited scope
- SM = Analytical Methods followed to Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.

**Sources:** 1/ EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

Reviewed by [redacted]
(Phatsakorn Soonthornwiphat)
Technical Specialist Section Head
License ID: ว-197-ค-0004

Approved by [redacted]
(Thepsan Yommana)
Technical Specialist Manager
License ID: ว-197-ค-0005

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**Report No. : 2025-500005674-2 / 001 (Page 2 of 2)** **Issued date:** November 26, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wastewater
**Sampling Location** : Discharge Point Phase 3, Rojana Power Plant 3
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited
**Sample Condition** : Yellow, odorless and no sediment.

**Sampling Date** : November 6, 2025
**Sampling Time** : 10:10 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 |
| Potassium (K) | mg/l | SM 3120 B | 21.84 | - | - |
| Sodium (Na) | mg/l | SM 3120 B | 178.88 | - | - |
| Flow Rate* | $m^3$/hr. | Flow rate Meter | 133.90 | - | - |

**Remark :** * Data from client.
- SM = Analytical Methods followed to Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.

**Sources:** 1/ EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

Reviewed by [redacted]
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Technical Specialist Section Head

Approved by [redacted]
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**Report No. : 2025-500005674-5 / 001 (Page 1 of 2)** **Issued date:** December 25, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wastewater
**Sampling Location** : Discharge Point Phase 3, Rojana Power Plant 3
**Sampling By** : Oran Boonphan (ว-197-ง-0025)
**Laboratory Name** : SGS (Thailand) Limited (ว-197)
**Sample Condition** : Yellow, odorless and no sediment.

**Sampling Date** : December 11, 2025
**Sampling Time** : 11:30 hr.
**Received Date** : December 11, 2025
**Analysis Date** : December 12-24, 2025

| Parameter | Unit | Method | Result | Standard 1/ | Standard2/ |
|---|---|---|---|---|---|
| pH | - | SM 4500 -H+ B | 7.9 | 6.0-9.0 | 5.5-9.0 |
| Temperature* | °C | SM 2550 B (On-Site) | 26.2 | ≤45 | ≤40 |
| Total Dissolved Solids (TDS) | mg/l | SM 2540 C | 1,777 | ≤3,000 | ≤3,000 |
| Fat Oil & Grease (FOG) | mg/l | SM 5520 B | 2 | ≤5 | ≤10 |
| Biochemical Oxygen Demand (BOD) | mg/l | SM 5210 B | 4 | - | ≤500 |

**Remarks :** * Under Inspection Body's accredited scope
- SM = Analytical Methods followed to Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.

**Sources:** 1/ EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

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Approved by [redacted]
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Technical Specialist Manager
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**Report No. : 2025-500005674-5 / 001 (Page 2 of 2)** **Issued date:** December 25, 2025

**Client** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**Address** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210

## Analysis Report

**Sample Type** : Wastewater
**Sampling Location** : Discharge Point Phase 3, Rojana Power Plant 3
**Sampling By** : Oran Boonphan
**Laboratory Name** : SGS (Thailand) Limited
**Sample Condition** : Yellow, odorless and no sediment.

**Sampling Date** : December 11, 2025
**Sampling Time** : 11:30 hr.
**Received Date** : December 11, 2025
**Analysis Date** : December 12-24, 2025

| Parameter | Unit | Method | Result | Standard 1/ | Standard2/ |
|---|---|---|---|---|---|
| Free Chlorine ($Cl_2$) | mg/l | SM 4500-Cl G | <0.01 | ≤1 | ≤1 |
| Potassium (K) | mg/l | SM 3120 B | 22.07 | - | - |
| Sodium (Na) | mg/l | SM 3120 B | 205.01 | - | - |
| Flow Rate* | $m^3$/hr. | Flow rate Meter | 132.10 | - | - |

**Remark :** * Data from client.
- SM = Analytical Methods followed to Standard Methods for the Examination of Water and Wastewater, recommended by APHA, AWWA&WEF 24th ed., 2023.

**Sources:** 1/ EIA of Rojana Power Co., Ltd. as approval letter No. Tor Sor 1009.7/8808 dated July 28, B.E. 2558 (2015)
2/ The control values were specified by the Rojana Industrial Park

Reviewed by [redacted]
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Technical Specialist Section Head

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

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# ภาคผนวก ข- 6

# ใบรับรองผลการตรวจวัดด้านอาชีวอนามัย และความปลอดภัย

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**Report No. : 2025-500004068-1 / 005-1 (Page 1 of 1)** **Issued date**: April 24, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Khun Thanyaporn Kongsinchai
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: thanyaporn@oeg.th.com

## Analysis Report

**SAMPLE DESIGNATED AS** : Heat Stress **MEASUREMENT DATE** : April 10, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, Ayutthaya Province **MEASURED BY** : Varinthorn Jantinmathorn
**HEAT STRESS MONITER NO.**: GTG #1 : Model QT-34, 3M Serial No. TKM30027
GTG #2 : Model QT-34, 3M Serial No. TKM30023

| Stations | Periods | Type | Work Load* | Heat Stress (WBGT, °C) |
|---|---|---|---|---|
| GTG #1 | 10:58 AM-12.58 PM | Outdoor | Light work | 30.3 |
| GTG #2 | 13:26 AM-03:26 PM | Outdoor | Light work | 31.5 |
| **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 91 A, dated October 17, B.E. 2559 (2016).

[redacted]
(Buppa Sangnil)
Environmental Monitoring
and Compliance Audit Manager

SGS (THAILAND) LIMITED

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**Report No. : 2025-500004068-1 / 005-2 (Page 1 of 1)** **Issued date** : April 24, 2025

**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Khun Thanyaporn Kongsinchai
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: thanyaporn@oeg.th.com

## Analysis Report

**SAMPLE DESIGNATED AS** : Heat Stress **MEASUREMENT DATE** : April 10, 2025
**MEASUREMENT LOCATION** : Rojana Power Plant 3, Ayutthaya Province **MEASURED BY** : Varinthorn Jantinmathorn
**HEAT STRESS MONITER NO.**: Model QT-34, 3M Serial No. TEM030028

| Location | Name | Period (hrs.) | Work Load | Heat Stress (WBGT, °C) |
|---|---|---|---|---|
| Rojana Power Plant 3 | Khun Kittikhun K. | 15:15-17:15 PM | Light work | 27.4 |
| **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 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).

[redacted]
(Buppa Sangnil)
Environmental Monitoring
and Compliance Audit Manager

SGS (THAILAND) LIMITED

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**CLIENT** : **ROJANA POWER COMPANY LIMITED (ROJANA POWER PLANT 3)**
**CONTACT** : Khun Thanyaporn Kongsinchai
**ADDRESS** : 111/2 Moo 4 Rojana Industrial Park 3, Tambol U-Thai, Amphur U-Thai, Ayutthaya 13210
Tel. 081-947-9712 E-mail: thanyaporn@oeg.th.com

## Analysis Report

**SAMPLE DESIGNATED AS** : Light Intensity
**MEASUREMENT LOCATION** : Rojana Power Plant 3, Ayutthaya Province
**MEASUREMENT DATE** : April 10, 2025
**MEASURED BY** : Varinthorn Jantinmathorn

| Measurement Location | Activities/ Type of Work | Light Intensity (LUX) | Standard Value[1/] |
|---|---|---|---|
| **Day Time** | | | |
| 1. Control Room | Control monitor | 453 | 300-400 |
| 2. Control Room (Area measurement) | | | |
| 2.1 Average value | Control Room | 436 | 200 |
| 2.2 Minimum value | | 400 | 100 |
| 3. Meeting Room (CCR) (Area measurement) | | | |
| 3.1 Average value | Meeting Room | 571 | 300 |
| 3.2 Minimum value | | 402 | 150 |
| 4. Switch Gear Room (MCC) | Log Sheet | 670 | 300-400 |
| 5. Switch Gear Room (MCC) (Area measurement) | | | |
| 5.1 Average value | Switch Gear Room | 443 | 200 |
| 5.2 Minimum value | | 409 | 100 |
| 6. Water Treatment Plant (Area measurement) | | | |
| 6.1 Average value | Measuring instrument, gauge valve etc. | 417 | 200 |
| 6.2 Minimum value | | 207 | 100 |
| 7. Water Treatment Plant | Measuring instrument, gauge valve etc. | 338 | 200-300 |
| 8. Water Treatment Plant | Log Sheet | 359 | 300-400 |
| 9. Control Room (Water Treatment Plant) | Log Sheet | 541 | 300-400 |
| 10. Chiller | Log Sheet | 853 | 300-400 |
| 11. Chiller | Measuring instrument, gauge valve etc. | 853 | 200-300 |
| 12. Chiller Room (Area measurement) | | | |
| 12.1 Average value | Chiller | 1,076 | 200 |
| 12.2 Minimum value | | 500 | 100 |

**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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**MEASUREMENT DATE** : April 10, 2025
**MEASURED BY** : Varinthorn Jantinmathorn

| Measurement Location | Activities/ Type of Work | Light Intensity (LUX) | Standard Value[1/] |
|---|---|---|---|
| 13. Steam Turbine | Log Sheet | 553 | 300-400 |
| 14. Steam Turbine (Area measurement) | | | |
| 14.1 Average value | Steam Turbine | 387 | 200 |
| 14.2 Minimum value | | 310 | 100 |
| 15. Meeting Room (Area measurement) | | | |
| 15.1 Average value | Meeting Room (Office) | 648 | 300 |
| 15.2 Minimum value | | 519 | 150 |
| 16. Work shop (Area measurement) | | | |
| 16.1 Average value | Maintenance machine | 663 | 300 |
| 16.2 Minimum value | | 441 | 150 |
| 17. Maintenance Lab Room | Maintenance machine | 465 | 200-300 |
| 18. Control Emergency Pond Room | Log Sheet | 1,272 | 300-400 |
| 19. Office (Area measurement) | | | |
| 19.1 Average value | Office work | 696 | 300 |
| 19.2 Minimum value | | 543 | 150 |
| **115 KV SUB Building** | | | |
| 20. Distribution Board | Log Sheet | 763 | 300-400 |
| 21. Battery Charger | | 436 | |
| 22. 501 R/502R/Revenge meter panel | | 560 | |
| 23. 115 KV SUB Building (Area measurement) | | | |
| 23.1 Average value | Measuring instrument, gauge valve etc. | 592 | 200 |
| 23.2 Minimum value | | 450 | 100 |

**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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## Analysis Report

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MEASUREMENT DATE : April 10, 2025
MEASURED BY : Varinthorn Jantinmathorn

| Measurement Location | Activities/ Type of Work | Light Intensity (LUX) | Standard Value[1/] |
|---|---|---|---|
| **22 KV 501 Building** | | | |
| 24. Incoming TP 501/Feeder501-503 | Log Sheet | 1,014 | 300-400 |
| 25. 50 BR Panel/505R Panel | | 744 | |
| 26. Battery Charger | | 574 | |
| 27. Distribution Board | | 501 | |
| 28. 22 KV 501 Building (Area measurement) | Measuring instrument, gauge valve etc. | | |
| 28.1 Average value | | 783 | 200 |
| 28.2 Minimum value | | 515 | 100 |
| **22 KV 502 Building** | | | |
| 29. 510 R Panel | Log Sheet | 715 | 300-400 |
| 30. Battery Charger | | 612 | |
| 31. Distribution Board | | 728 | |
| 32. 22 KV 502 Building (Area measurement) | Measuring instrument, gauge valve etc. | | |
| 32.1 Average value | | 860 | 200 |
| 32.2 Minimum value | | 691 | 100 |

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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MEASUREMENT DATE : April 10, 2025
MEASURED BY : Varinthorn Jantinmathorn

| Measurement Location | Activities/ Type of Work | Light Intensity (LUX) | Standard Value[1/] |
|---|---|---|---|
| **Night Time** | | | |
| 33. Office (Area measurement) | Office Work | | |
| 33.1 Average value | | 669 | 300 |
| 33.2 Minimum value | | 459 | 150 |
| 34. Meeting Room (Office) | Meeting Room | | |
| 34.1 Average value | | 663 | 300 |
| 34.2 Minimum value | | 545 | 150 |
| 35. Work Shop | Maintenance Machine | 1,013 | 400-500 |
| 36. Work Shop (Area measurement) | Maintenance Machine | | |
| 36.1 Average value | | 723 | 300 |
| 36.2 Minimum value | | 521 | 150 |
| 37. Maintenance Lab Room (Area measurement) | Maintenance Lab | | |
| 37.1 Average value | | 555 | 300 |
| 37.2 Minimum value | | 332 | 150 |
| 38. Control Emergency Pond | Log Sheet | 863 | 300-400 |
| 39. Meeting Room (CCR) | Meeting | | |
| 39.1 Average value | | 422 | 300 |
| 39.2 Minimum value | | 401 | 150 |
| 40. Document Room (CCR) | Meeting | | |
| 40.1 Average value | | 462 | 300 |
| 40.2 Minimum value | | 412 | 150 |

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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| Measurement Location | Activities/ Type of Work | Light Intensity (LUX) | Standard Value[1/] |
|---|---|---|---|
| 41. Switch Gear Room (MCC) (Area measurement) | | | |
| 41.1 Average value | Switch Gear Room | 541 | 200 |
| 41.2 Minimum value | | 407 | 100 |
| 42. Switch Gear Room (MCC) | Log Sheet | 613 | 300-400 |
| 43. Control Room (Water Treatment Plant) | Log Sheet | 472 | 300-400 |
| 44. Control Room | Control Monitor | 472 | 300-400 |
| 45. Control Room | | | |
| 45.1 Average value | Control Room | 459 | 200 |
| 45.2 Minimum value | | 414 | 100 |
| 46. HRSG Water Sampling | Water Sampling | 876 | 200-300 |
| 47. Panel Lube Oil GT #2 | Measuring instrument, gauge valve etc. | 564 | 200-300 |
| 48. Panel Lube Oil GT #2 | Log Sheet. | 564 | 300-400 |
| 49. Infront of Sub-Station (Area measurement) | | | |
| 49.1 Average value | Walkway | 101 | 50 |
| 49.2 Minimum value | | 55 | 25 |
| 50. Fire Pump | Measuring instrument, gauge valve etc. | 413 | 200-300 |
| 51. Chemical Feed HRSG #1 | Measuring instrument, gauge valve etc. | 339 | 200-300 |
| 52. Chemical Feed HRSG #1 | Log Sheet | 411 | 300-400 |
| 53. Walk Way behind CCR | | | |
| 53.1 Average value | Walk Way | 78 | 50 |
| 53.2 Minimum value | | 52 | 25 |
| 54. Walk Way between GTG#1-Chiller | | | |
| 54.1 Average value | Walk Way | 98 | 50 |
| 54.2 Minimum value | | 54 | 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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| Measurement Location | Activities/ Type of Work | Light Intensity (LUX) | Standard Value[1/] |
|---|---|---|---|
| **115 KV SUB Building** | | | |
| 55. Distribution Board | Log Sheet | 812 | 300-400 |
| 56. Battery Charger | | 417 | |
| 57. 501 R/502R/Revenge meter panel | | 581 | |
| 58. 115 KV SUB Building (Area measurement) | | | |
| 58.1 Average value | Measuring instrument, gauge valve etc. | 503 | 200 |
| 58.2 Minimum value | | 457 | 100 |
| **22 KV 501 Building** | | | |
| 59. Incoming TP 501/Feeder501-503 | Log Sheet | 661 | 300-400 |
| 60. 50 BR Panel/505R Panel | | 585 | |
| 61. Battery Charger | | 472 | |
| 62. Distribution Board | | 480 | |
| 63. 22 KV 501 Building (Area measurement) | | | |
| 63.1 Average value | Measuring instrument, gauge valve etc. | 561 | 200 |
| 63.2 Minimum value | | 427 | 100 |

**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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| Measurement Location | Activities/ Type of Work | Light Intensity (LUX) | Standard Value[1/] |
|---|---|---|---|
| **22 KV 502 Building** | | | |
| 64. 510 R Panel | Log Sheet | 521 | 300-400 |
| 65. Battery Charger | | 568 | |
| 66. Distribution Board | | 614 | |
| 67. 22 KV 502 Building (Area measurement) | Measuring instrument, gauge valve etc. | | |
| 67.1 Average value | | 694 | 200 |
| 67.2 Minimum value | | 541 | 100 |

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

[redacted]
(Buppa Sangnil)
Environmental Monitoring and Compliance Audit Manager
SGS (THAILAND) LIMITED

BS/VJ/KK/KK

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# ภาคผนวก ค

โปรไฟล์บริษัท

- 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



ที่ อก ๐๓๑๐(๓)/ ๙๒๓๐

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) ขอต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน เลขทะเบียน ว-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 ว-๑๙๗-ค-๐๐๐๑ |
| ๒) นางสาวพรรณิภา สมจิตต์ | ทะเบียนเลขที่ ว-๑๙๗-ค-๐๐๐๒ |
| ๓) นายณัฐวัฒน์ ศิริโชติ | ทะเบียนเลขที่ ว-๑๙๗-ค-๐๐๐๓ |
| ๔) นายภาสกร สุนทรวิภาต | ทะเบียนเลขที่ ว-๑๙๗-ค-๐๐๐๔ |
| ๕) นายเทพสัน ยมนา | ทะเบียนเลขที่ ว-๑๙๗-ค-๐๐๐๕ |
| ๖) นายวศกร ประเวศโชตินันท์ | ทะเบียนเลขที่ ว-๑๙๗-ค-๐๐๐๖ |

ข. เจ้าหน้าที่ห้องปฏิบัติการวิเคราะห์เอกชน

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

๑๒) นาย เฉลิมวุฒิ ...





| | |
|---|---|
| ๑๒) นายเฉลิมวุฒิ ภูนิคม | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๑๓ |
| ๑๓) นายกรวิชญ์ มาลากุล ณ อยุธยา | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๑๔ |
| ๑๔) นายวีระเดช คนแรง | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๑๕ |
| ๑๕) นางสาวธนิฏฐา โต๊ะเจ | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๑๘ |
| ๑๖) นายสถาพร ทองวงค์ญาติ | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๑๙ |
| ๑๗) นายศุภชัย พิศาลประชารักษ์ | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๒๐ |
| ๑๘) นายชัชวาล รื่นเหลย | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๒๒ |
| ๑๙) นางสาวสุกานดา เกิดส่องแสง | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๒๔ |
| ๒๐) นายโอฬาร บุญพันธ์ | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๒๕ |
| ๒๑) นายมิ่งแมน ศิริโชติ | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๒๖ |
| ๒๒) นายกิตติคุณ ทาสีเพชร | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๒๗ |
| ๒๓) นายเชาวลิต ศรีแนน | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๒๘ |
| ๒๔) นายนพรัตน์ จำปาแขม | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๒๙ |
| ๒๕) นายสุริยะ ศรีโทมี | ทะเบียนเลขที่ ว-๑๙๗ จ ๐๐๓๐ |
| ๒๖) นางสาวสิริรัตน์ แซ่ลิ้ม | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๓๑ |
| ๒๗) นางสาวหทัยรัตน์ ลิ้นจี่ | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๓๒ |
| ๒๘) นายจิตรเทพ มีเงิน | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๓๓ |
| ๒๙) นายทีปกร ใบโพธิ์ | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๓๔ |
| ๓๐) นายพูนกริธช์ สุวรรณโยธิน | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๓๕ |
| ๓๑) นางสาวณัฐพร นิละดา | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๓๖ |
| ๓๒) นายณัฐชนน กองสีหา | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๓๗ |
| ๓๓) นางสาวกันตยา ยมหา | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๓๘ |
| ๓๔) นางสาวพรสวรรค์ สินปราณี | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๓๙ |
| ๓๕) นายธาดา สุวรรณมณี | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๔๐ |
| ๓๖) นายชนายุทธ บุญสีเงิน | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๔๑ |
| ๓๗) นายณัฐวุฒิ พลบูรณ์ | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๔๒ |
| ๓๘) นายปกครอง เกตขุนทด | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๔๓ |
| ๓๙) นายธวัชชัย คำมี | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๔๔ |
| ๔๐) นายวรินทร จันทินมาธร | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๔๕ |
| ๔๑) นายศรัณญ์ กล่ำบุญสวัสดิ์ | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๔๖ |
| ๔๒) นายวีรพงษ์ เพ็งตระกูล | ทะเบียนเลขที่ ว-๑๙๗-จ-๐๐๔๗ |

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

หนังสือฉบับนี้ ...

หนังสือฉบับนี้จะสิ้นอายุในวันที่ ๑๒ ตุลาคม ๒๕๗๒ หากประสงค์จะต่ออายุหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน ให้ยื่นคำขอต่ออายุพร้อมเอกสารประกอบคำขอต่อกรมโรงงานอุตสาหกรรมภายใน ๖๐ วัน ก่อนวันสิ้นอายุของหนังสือรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

จึงเรียนมาเพื่อทราบ

ขอแสดงความนับถือ

[redacted]

(นางสาวปัทมวรรณ คุณประเสริฐ)
ผู้อำนวยการกองวิจัยและเตือนภัยมลพิษโรงงาน
ปฏิบัติราชการแทนอธิบดีกรมโรงงานอุตสาหกรรม

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



**เอกสารแนบท้ายหนังสือต่ออายุรับขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน**
**บริษัท เอสจีเอส (ประเทศไทย) จำกัด (สาขาระยอง) เลขทะเบียน ว-๑๙๗**
**ที่ อก ๐๓๑๐(๓)/ ๙๒๓๐ ลงวันที่ ๑๓ พฤศจิกายน ๒๕๖๘**

**ขอบข่ายสารมลพิษที่ได้รับขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม จำนวน ๓๕๕ รายการ**

**น้ำ/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 Chr[redacted] Method[4] |

18 Endosulfan Sulfate...

| 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 Meth[redacted] |

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] [redacted] |

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 Chr[redacted] 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[4]<br>2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method[4] |
| 32 | Arsenic | 1) Digestion, Inductively Coupled Plasma Method[4]<br>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[4]<br>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]<br>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]<br>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]<br>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]<br>2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method[4] |
| 84 | Manganese | 1) Digestion, Inductively Coupled Plasma Method[4]<br>2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method[4] |
| 85 | Mercury | Digestion, Cold-Vapor Atomic Absorption Spectrometric Method[4] [redacted] |

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]<br>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] [redacted] |

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]<br>2) Digestion, Inductively Coupled Plasma-Mass Spectrometry Method[4] |
| 106 | Silver | 1) Digestion, Inductively Coupled Plasma Method[4]<br>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] |





| ลำดับที่ | สารมลพิษ | วิธีวิเคราะห์ |
|---|---|---|
| 116 | Vanadium | 1) Digestion, Inductively Coupled Plasma Method[4]<br>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]<br>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 (ปล่องระบาย) 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] |

| ดับที่ | 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]<br>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]<br>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...



| ดับที่ | 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] |

**สิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้ว จำนวน ๓๗ รายการ**

| ดับที่ | 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]<br>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]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method[1,9,11] |
| 5 | Barium | 1) Digestion, Inductively Coupled Plasma Method[9,10]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma Method[1,9,10] |
| 6 | Beryllium | 1) Digestion, Inductively Coupled Plasma Method[9,10]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma Method[1,9,10] |
| 7 | Cadmium | 1) Digestion, Inductively Coupled Plasma Method[9,10]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma Method[1,9,10] |
| 8 | Chlordane | Ultrasonic Extraction, Gas Chromatographic Method[7,8] |

9 Chromium...

| ดับที่ | สารมลพิษ | วิธีวิเคราะห์ |
|---|---|---|
| 9 | Chromium | 1) Digestion, Inductively Coupled Plasma Method[9,10]<br>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]<br>2) Waste Extraction, Colorimetric Method[1,12] |
| 12 | Cobalt | 1) Digestion, Inductively Coupled Plasma Method[9,10]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma Method[1,9,10] |
| 13 | Copper | 1) Digestion, Inductively Coupled Plasma Method[9,10]<br>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]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma Method[1,9,10] |
| 22 | Lindane | Ultrasonic Extraction, Gas Chroma[redacted] Method[7,8] |

[redacted]

23 Mercury...



| ดับที่ | สารมลพิษ | วิธีวิเคราะห์ |
|---|---|---|
| 23 | Mercury | 1) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method[15]<br>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]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma Method[1,9,10] |
| 27 | Nickel | 1) Digestion, Inductively Coupled Plasma Method[9,10]<br>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]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method[1,9,11] |
| 31 | Silver | 1) Digestion, Inductively Coupled Plasma Method[9,10]<br>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]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma/Mass Spectrometric Method[1,9,[redacted] |

[redacted]

34 Toxaphene...

| ดับที่ | 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]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma Method[1,9,10] |
| 37 | Zinc | 1) Digestion, Inductively Coupled Plasma Method[9,10]<br>2) Waste Extraction, Digestion, Inductively Coupled Plasma Method[1,9,10] |

<u>ดิน จำนวน ๑๒๓ รายการ</u>

| ดับที่ | 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...



| ดับที่ | 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...

| ดับที่ | 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] [redacted] |

76 Heptachlor Epoxide...



| ดับที่ | 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] [redacted] |

92 n-Hexane...

| ดับที่ | 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...



| ดับที่ | 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 | $\alpha$-HCH | Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method[13,14] |
| 122 | $\beta$-HCH | Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method[13,14] |
| 123 | $\gamma$-HCH | Microwave Extraction, Gas Chromatographic/Mass Spectrometric Method[13,14] |

เอกสารอ้างอิง...

**เอกสารอ้างอิง**

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แบบ กมช./มอก.
Form NSC/TISI 2

ใบรับรองเลขที่ 25-IB0009
(Certificate No.)

# 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
(SGS (Thailand) Limited)

**ตั้งอยู่เลขที่**
(Address)

๒๓๘ อาคารไทยรุ่งเรือง ชั้น ๑๙ - ๒๑ ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี เขตยานนาวา กรุงเทพมหานคร
(238 TRR Tower, 19th-21st Floor, Naradhiwas Rajanagarindra Road, Chong Nonsee, Yannawa, Bangkok)

**ได้รับการรับรองความสามารถ**
(Certificate of competence)

ตามมาตรฐานเลขที่ มอก. ๑๗๐๒๐ - ๒๕๕๖
(Standard No. ISO/IEC 17020 : 2012)

การตรวจสอบและรับรอง-ข้อกำหนดสำหรับหน่วยตรวจ
(Conformity assessment — Requirements for the operation of various types of bodies performing inspection)

**หมายเลขการรับรองที่ หน่วยตรวจ ๐๐๓๔**
(Accreditation No. Inspection 0034)

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 ๒๔ เมษายน พ.ศ. ๒๕๖๘
(Issue date : 24 April B.E. 2568 (2025))

[redacted]

(นายวีระศักดิ์ เพ็งหลัง)
ผู้อำนวยการสำนักงานคณะกรรมการการมาตรฐานแห่งชาติ
ปฏิบัติราชการแทน
เลขาธิการสำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม

Signed by สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม (มอก.)
Thai Industrial Standards Institute (TISI)
Date: 2025-04-24T10:04:08.669+07:00
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กระทรวงอุตสาหกรรม สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม
(Ministry of Industry Thailand, Thai Industrial Standards Institute)

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## รายละเอียดแนบท้ายใบรับรองระบบงานหน่วยตรวจ
## ใบรับรองเลขที่ 25-IB0009

**ชื่อหน่วยตรวจ** : บริษัท เอสจีเอส (ประเทศไทย) จำกัด
**ที่ตั้งสถานประกอบการของหน่วยตรวจและข้อมูลติดต่อ**

**ที่ตั้งสำนักงานใหญ่**
238 อาคารไทยรุ่งเรือง ชั้น 19-21 ถนนนราธิวาสราชนครินทร์ แขวงช่องนนทรี 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 10 ถนนเพชรเกษม ตำบลหาดใหญ่ อำเภอหาดใหญ่ จังหวัดสงขลา

**หมายเลขการรับรอง** : หน่วยตรวจ 0034
**ประเภทของหน่วยตรวจ** : ประเภท A

| หมวดหมู่ / สาขาการตรวจ | ขั้นตอนและช่วงการตรวจ | ข้อกำหนดที่ใช้ |
|---|---|---|
| 1. เครื่องแต่งกาย : เสื้อผ้าสำเร็จรูป (เฉพาะสำนักงานใหญ่) | การตรวจสายการผลิตและการตรวจก่อนการส่งมอบ ในรายการต่อไปนี้<br>– ลักษณะทั่วไป<br>– รูปแบบและขนาด<br>– ปริมาณและการบรรจุ (เฉพาะการตรวจก่อนการส่งมอบ) | – วิธีปฏิบัติงานของบริษัทหมายเลข P-INSP-WI-SL-001<br>– ข้อกำหนดของลูกค้า |
| 2. ผลิตภัณฑ์อาหาร : การตรวจผลิตภัณฑ์อาหาร (เฉพาะสำนักงานใหญ่และสาขาหาดใหญ่) | การตรวจระหว่างการผลิตและการตรวจก่อนการส่งมอบ สำหรับกลุ่มผลิตภัณฑ์อาหารแช่แข็งและกลุ่มผลิตภัณฑ์อาหารกระป๋อง | – ขั้นตอนการดำเนินงานของบริษัทหมายเลข P-CORP-I-09<br>– ข้อกำหนดของลูกค้า |
| 3. ยานยนต์ : รถยนต์ (เฉพาะสำนักงานใหญ่และสำนักงานศรีราชา) | การตรวจสภาพทั่วไปก่อนการส่งมอบ ในรายการต่อไปนี้<br>– จำนวน<br>– สภาพความสมบูรณ์ภายนอกของรถยนต์ เช่น สภาพของกระจก สภาพทั่วไปของตัวถัง สภาพยางและล้อ ความสะอาด และอื่น ๆ ที่อยู่ภายนอก | – ขั้นตอนการดำเนินงานของบริษัทหมายเลข PR-TH-NR-OGC-IN-001 และ PR-TH-NR-OGC-IN-002<br>– เอกสาร New Vehicle Receiving and Inspection Procedures Issued May 1, 1989 ของ Federal Chamber of Automotive Industries [redacted] |



รายละเอียดแนบท้ายใบรับรองระบบงานหน่วยตรวจ
ใบรับรองเลขที่ 25-IB0009

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

| หมวดหมู่ / สาขาการตรวจ | ขั้นตอนและช่วงการตรวจ | ข้อกำหนดที่ใช้ |
|---|---|---|
| 4. เครื่องจักรกล : ถังก๊าซปิโตรเลียมเหลว (เฉพาะสำนักงานใหญ่) | การตรวจกระบวนการผลิตและการควบคุมคุณภาพ ในรายการต่อไปนี้<br>– การตรวจชิ้นส่วนประกอบการผลิตถัง<br>– การตรวจระหว่างการประกอบ<br>– การทำกระบวนการทางความร้อน<br>– การทดสอบทั้งทางกล การรั่ว การขยายตัวและการระเบิด และการตรวจสอบปริมาตร<br>– การตรวจสอบก่อนการส่งมอบ | – ขั้นตอนการดำเนินงานของบริษัทหมายเลข PR-TH-I&E-IN-071<br>– ข้อกำหนดของลูกค้า |
| 5. สินค้าเกษตร : ข้าวหอมมะลิไทย (เฉพาะสำนักงานใหญ่และสำนักงานนครราชสีมา) | การตรวจในขั้นตรวจปล่อย ในรายการต่อไปนี้<br>– ปริมาณ<br>– คุณภาพทางกายภาพและลักษณะทั่วไป ดังต่อไปนี้<br>• ประเภท ชนิด<br>• ความบริสุทธิ์<br>• ความชื้น<br>• ขนาดของเมล็ดข้าว<br>• ส่วนผสม (ข้าวเต็มเมล็ด ข้าวหักต้นข้าว)<br>• ข้าวและสิ่งที่อาจมีปนได้ (เมล็ดเสีย เมล็ดเหลือง เมล็ดท้องไข่ เมล็ดแดง ฯลฯ)<br>• ไม่มีแมลงที่ยังมีชีวิต<br>• ระดับการขัดสี<br>ไม่ครอบคลุมการตรวจความบริสุทธิ์ด้วยวิธีวิเคราะห์ในห้องปฏิบัติการในรายการปริมาณอมิโลส (Amylose content) และค่าการสลายเมล็ดข้าวในด่าง (Alkali spreading value) | – ประกาศกระทรวงพาณิชย์ เรื่อง หลักเกณฑ์และวิธีการการจัดให้มีการตรวจสอบมาตรฐานสินค้าและการตรวจสอบมาตรฐานสินค้าข้าวหอมมะลิไทย<br>– ขั้นตอนการดำเนินงานของบริษัทหมายเลข PR-TH-NR-AGR-IN-004 และ PR-TH-NR-AGR-IN-005<br>– ข้อกำหนดของลูกค้า [redacted] |



รายละเอียดแนบท้ายใบรับรองระบบงานหน่วยตรวจ
ใบรับรองเลขที่ 25-IB0009

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

| หมวดหมู่ / สาขาการตรวจ | ขั้นตอนและช่วงการตรวจ | ข้อกำหนดที่ใช้ |
|---|---|---|
| 6. สินค้าเกษตร : น้ำตาลทรายขาวและน้ำตาลทรายดิบ (เฉพาะสำนักงานใหญ่ สำนักงานศรีราชา และสำนักงานนครราชสีมา) | การตรวจลักษณะทั่วไปและปริมาณ ทั้งนี้ไม่รวมผลวิเคราะห์ในห้องปฏิบัติการ | – ขั้นตอนการดำเนินงานของบริษัทหมายเลข PR-TH-NR-AGR-IN-002 และ PR-TH-NR-AGR-IN-003<br>– ข้อกำหนดของลูกค้า |
| 7. สินค้าแกโอง : ถ่านหิน ซีเมนต์ ยิปซัม ปูนเม็ด หินปูน และหินตะกอน (เฉพาะสำนักงานใหญ่ สำนักงานศรีราชา และสาขาหาดใหญ่) | การตรวจสภาพทั่วไปและการสุ่มตัวอย่าง | – ขั้นตอนการดำเนินงานของบริษัทหมายเลข PR-TH-NR-MIN-IN-001 และ PR-TH-NR-MIN-IN-002 |
| 8. การตรวจโรงงานเพื่อการรับรองคุณภาพผลิตภัณฑ์ (เฉพาะสำนักงานใหญ่) | การตรวจกระบวนการผลิต ระบบคุณภาพ และการตรวจประเมินผลิตภัณฑ์ สำหรับกลุ่มผลิตภัณฑ์ ดังต่อไปนี้<br>– วัสดุก่อสร้าง คอนกรีต สุขภัณฑ์ เซรามิก และเครื่องเรือน<br>– บริภัณฑ์ส่องสว่าง<br>– ไฟฟ้ากำลัง<br>– เครื่องใช้ไฟฟ้า<br>– เครื่องใช้อิเล็กทรอนิกส์<br>– โภคภัณฑ์ และของเล่น<br>– ยาง เคมี สิ่งทอ ปิโตรเลียม และอาหาร<br>– ยานยนต์ ชิ้นส่วนยานยนต์ และเครื่องกล | – หลักเกณฑ์การตรวจสอบเพื่อการอนุญาตของสำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม<br>– หลักเกณฑ์เฉพาะในการตรวจสอบเพื่อการอนุญาตผลิตภัณฑ์ที่เกี่ยวข้อง และมาตรฐานผลิตภัณฑ์อุตสาหกรรมที่เกี่ยวข้อง<br>– เอกสารขั้นตอนการดำเนินงานของบริษัทหมายเลข THLPP.01 [redacted] |

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

| หมวดหมู่ / สาขาการตรวจ | ขั้นตอนและช่วงการตรวจ | ข้อกำหนดที่ใช้ |
|---|---|---|
| 9. สิ่งแวดล้อม<br>(เฉพาะสำนักงานใหญ่) | การตรวจคุณภาพสิ่งแวดล้อมภายในอาคาร ในรายการต่อไปนี้<br>– ระดับเสียง<br>– ความร้อนสะสม<br>– ปริมาณ CO, $CO_2$, PM-10, Ozone, Total VOCs<br>– อุณหภูมิ<br>– ความชื้นสัมพัทธ์<br>– ความเร็วลม<br>– ระดับความเข้มแสง | – ขั้นตอนการดำเนินงานของบริษัทหมายเลข PR-TH-I&E-IN-035, PR-TH-I&E-IN-036, PR-TH-I&E-IN-038, PR-TH-I&E-IN-050, PR-TH-I&E-IN-051, PR-TH-I&E-IN-052, PR-TH-I&E-IN-054 และ PR-TH-I&E-IN-055<br>– ข้อกำหนดของลูกค้า<br>– กฎหมาย กฎและระเบียบต่าง ๆ ที่เกี่ยวข้อง |
| | การตรวจคุณภาพสิ่งแวดล้อมภายนอกอาคาร ในรายการต่อไปนี้<br>– ระบบการตรวจสอบคุณภาพอากาศจากปล่องแบบอัตโนมัติอย่างต่อเนื่อง (Continuous Emission Monitoring Systems : CEMs) ด้วยเครื่องมือหรือเครื่องอุปกรณ์พิเศษ (ปริมาณ CO, $SO_2$, $NO_2$, $O_3$, $CO_2$, NO และ $NO_x$) | – ขั้นตอนการดำเนินงานของบริษัทหมายเลข PR-TH-I&E-IN-015 และ PR-TH-I&E-IN-032<br>– ข้อกำหนดของลูกค้า<br>– กฎหมาย กฎและระเบียบต่างๆ ที่เกี่ยวข้อง |
| | การตรวจคุณภาพน้ำ ในรายการ<br>– การเก็บตัวอย่างน้ำ<br>– ลักษณะทางกายภาพ (สี สีตะกอน)<br>– ความเป็นกรด-ด่าง<br>– อุณหภูมิ<br>– ปริมาณออกซิเจนที่ละลายน้ำ (Dissolved Oxygen : DO)<br>– ค่าการนำไฟฟ้า<br>– ค่าความเค็ม<br>– ค่าความขุ่น<br>ทั้งนี้ไม่รวมผลวิเคราะห์ในห้องปฏิบัติการ | – ขั้นตอนการดำเนินงานของบริษัทหมายเลข PR-TH-I&E-IN-043<br>– ข้อกำหนดของลูกค้า<br>– กฎหมาย กฎและระเบียบต่าง ๆ ที่เกี่ยวข้อง |

ออกให้ครั้งแรกเมื่อวันที่ 11 กันยายน พ.ศ. 2561
กระทรวงอุตสาหกรรม สำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม





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

| หมวดหมู่ / สาขาการตรวจ | ขั้นตอนและช่วงการตรวจ | ข้อกำหนดที่ใช้ |
|---|---|---|
| 10. สินค้าเกษตร :<br>ข้าวสาลีและกากถั่วเหลือง<br>(เฉพาะสำนักงานใหญ่และสำนักงานศรีราชา) | การตรวจสอบสภาพทั่วไป การสุ่มตัวอย่างและการสังเกตการณ์การชั่งน้ำหนัก | – GAFTA Weighing Rules No. 123<br>– GAFTA Sampling Rules No.124<br>– วิธีปฏิบัติงานของบริษัทหมายเลข PR-TH-NR-AGR-IN-006<br>– ข้อกำหนดของลูกค้า |
| 11. การตรวจสถานประกอบการผลิตวัตถุอันตราย (ที่สำนักงานคณะกรรมการอาหารและยารับผิดชอบ)<br>(เฉพาะสำนักงานใหญ่) | การตรวจสถานที่ และกระบวนการผลิตด้านการจัดการระบบคุณภาพ การสุขาภิบาล และความปลอดภัย | - หลักเกณฑ์วิธีการที่ดีในการผลิตวัตถุอันตราย ที่สำนักงานคณะกรรมการอาหารและยารับผิดชอบ (GMP)<br>- ขั้นตอนการดำเนินงานของบริษัทหมายเลข THLPP.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





Name of Inspection Body : SGS (Thailand) Limited
Addresses and contact details

Head office or primary location
238 TRR Tower, 19th-21st Floor, Naradhiwas Rajanagarindra Road, Chong Nonsee, Yannawa, Bangkok

Additional Locations (If different from Head Office)
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 :<br>Readymade Garment<br>(Head office) | In-line process and Pre-shipment inspection of readymade garment with the items as follows :<br>– General appearance<br>– Style, Size and Weight of unit<br>– Quantity and Packing<br>(Pre-shipment inspection) | – Work instruction of SGS (Thailand) Limited : P-INSP-WI-SL-001<br>– Customer's requirements |
| 2. Food Products :<br>Food Inspection<br>(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-I-09<br>– Customer's requirements |
| 3. Motor Vehicle :<br>Automotive<br>(Head Office and Sriracha Office) | Pre-shipment inspection of general condition of vehicle with the items as follows :<br>– Quantity<br>– 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<br>– New Vehicle Receiving and Inspection Procedures Issued May 1, 1989 of Federal Chamber of Automotive Industries |

Date of Initial Issue : 11 September BE. 2561 (2018)
Ministry of Industry Thailand, Thai Industrial Standards Institute





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 :<br>LPG Cylinder<br>(Head Office) | Production process and quality control inspection with the items as follows :<br>– Component parts<br>– During assembly<br>– Heat treatment<br>– Mechanical, Hydraulic pressure leak, Volumetric expansion, Burst test and Capacity check<br>– Pre-delivery inspection | – Operating procedure of SGS (Thailand) Limited : PR-TH-I&E-IN-071<br>– Customer's requirements |
| 5. Agricultural Products :<br>Thai Hom Mali Rice<br>(Head Office and Nakhon Ratchasima Office) | Pre-shipment inspection with the items as follows :<br>– Quantity<br>– Physical quality and general feature as follows :<br>• Type, Grade<br>• Purity<br>• Moisture<br>• Kernel size<br>• Composition (whole kernel, broken, head rice)<br>• Rice and matters that may be present (damaged kernel, yellow kernel, chalky kernel, red kernel, etc.)<br>• No live insects<br>• Milling degree<br>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<br>– Operating procedure of SGS (Thailand) Limited : PR-TH-NR-AGR-IN-004 and PR-TH-NR-AGR-IN-005<br>– Customer's requirements |

Date of Initial Issue : 11 September BE. 2561 (2018)
Ministry of Industry Thailand, Thai Industrial Standards Institute

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 |
|---|---|---|
| 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<br>– 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 :<br>– Construction materials, concretes, sanitary wares, ceramics, and furniture<br>– Electrical lighting and similar equipment<br>– Electrical power devices<br>– Electrical appliances<br>– Electronic apparatus, parts, and components<br>– Consumer goods and toys<br>– Rubbers, chemicals, textiles, petroleum, and food products<br>– Automotive products, parts, and mechanical products | – Criteria for product certification of Thai Industrial Standards Institute<br>– Criteria for the relevant particular requirements and Thai Industrial Standards for product certification<br>– 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


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 |
|---|---|---|
| 9. Environmental (Head Office) | Indoor Environment Inspection with the items as follows :<br>– Sound level<br>– Heat stress<br>– CO, $CO_2$, PM-10, Ozone, Total VOCs<br>– Temperature<br>– Relative humidity<br>– Air velocity<br>– Light intensity | – Operating procedure of SGS (Thailand) Limited : PR-TH-I&E-IN-035, PR-TH-I&E-IN-036, PR-TH-I&E-IN-038, PR-TH-I&E-IN-050, PR-TH-I&E-IN-051, PR-TH-I&E-IN-052, PR-TH-I&E-IN-054, and PR-TH-I&E-IN-055<br>– Customer's requirement<br>– Related laws and regulations |
| | Outdoor Environment Inspection, the items as follows :<br>– 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-I&E-IN-015 and PR-TH-I&E-IN-032<br>– Customer's requirement<br>– Related laws and regulations |
| | Water Inspection, the items as follows :<br>– Water sampling<br>– Physical appearance (Color, Suspended Solids)<br>– pH<br>– Temperature<br>– Dissolved Oxygen : DO<br>– Conductivity<br>– Salinity<br>– Turbidity<br>Excludes laboratory analysis result | – Operating procedure of SGS (Thailand) Limited : PR-TH-I&E-IN-043<br>– Customer's requirement<br>– Related laws and regulations |

Date of Initial Issue : 11 September BE. 2561 (2018)
Ministry of Industry Thailand, Thai Industrial Standards Institute


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 |
|---|---|---|
| 10. Agricultural Products : Wheat and soybean meal (Head Office and Sriracha Office | General appearance inspection, Sampling, and weighing observation | – GAFTA Weighing Rules No. 123<br>– GAFTA Sampling Rules No.124<br>– Operating procedure of SGS (Thailand) Limited : PR-TH-NR-AGR-IN-006<br>– 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<br>– 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)

Date of Initial Issue : 11 September BE. 2561 (2018)
Ministry of Industry Thailand, Thai Industrial Standards Institute


แบบ กมร./สมอ.๒
Form NSC/TISI 2

ใบรับรองเลขที่ 23-LB0119
(Certificate No.)

# 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 (สาขาระยอง)
(SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch))

ตั้งอยู่เลขที่
(Address)

๑/๒๐๙ และ ๑/๒๑๑ 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))

[redacted]

รองเลขาธิการสำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม
ปฏิบัติราชการแทน
เลขาธิการสำนักงานมาตรฐานผลิตภัณฑ์อุตสาหกรรม

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

ABS Quality Evaluations Certification

ABS Quality Evaluations
An ABS Group Company

# 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 |

[redacted]
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 fo 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 confi website (www.abs-qe.com) or scanning 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 Certifica Administration of the People's Republic of China's website (www.cnca.gov.cn).
The certificate remains the property of ABS Quality Evaluations, Inc. to whom it must be returned upon request.

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ABS Quality Evaluations Certification

ABS Quality Evaluations
An ABS Group Company

# 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 |
| Sriracha Office | Inspection and Fumigation Service | 165/61-62 Moo 10 Surasak, Sriracha Chonburi 20110, Thailand |
| Nakornratchasima Office | Inspection and Fumigation Service | 1340/46 Suranarai Road., T. Nai-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 | 10,10/1-4, 12 Rama III Road, Soi 59 Chongnonsee, Yannawa Bangkok 10120, Thailand |
| SGS (Cambodia) Limited | Inspection Service | No.1076 A-D, Street 371, Phum Trea II,Sangkat Steung Meanchey, , Khan Meanchey, Phnom Penh, Cambodia |
| Rama III Branch - Soft Line & Hard goods Laboratory Services | Testing Service | 1025/1 Soi Rama III 61, Rama III Road Chongnonsee, 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 fo 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 confi website (www.abs-qe.com) or scanning 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 Certifica Administration of the People's Republic of China's website (www.cnca.gov.cn).
The certificate remains the property of ABS Quality Evaluations, Inc. to whom it must be returned upon request.

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ABS Quality Evaluations Certification

ABS Quality Evaluations
An ABS Group Company

# 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 |

[redacted]
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 fo 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 confi website (www.abs-qe.com) or scanning 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 Certifica Administration of the People's Republic of China's website (www.cnca.gov.cn).
The certificate remains the property of ABS Quality Evaluations, Inc. to whom it must be returned upon request.

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ABS Quality Evaluations Certification

ABS Quality Evaluations
An ABS Group Company

# 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 |
| Sriracha Office | Inspection and Fumigation Service | 165/61-62 Moo 10 Surasak, Sriracha Chonburi 20110, Thailand |
| Nakornratchasima Office | Inspection and Fumigation Service | 1340/46 Suranarai Road., T. Nai-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 | 10,10/1-4, 12 Rama III Road, Soi 59 Chongnonsee, Yannawa Bangkok 10120, Thailand |
| Eastern Seaboard Office, Automotive Laboratory Services | Testing Service | Eastern Seaboard Industrial Estate 300/109 Moo 1, Ta Sit, Pluakdaeng Rayong 21140, Thailand |
| Rama III Branch - Soft Line & Hard goods Laboratory Services | Testing Service | 1025/1 Soi Rama III 61, Rama III Road Chongnonsee, Yannawa Bangkok 10120, Thailand |
| Amata City Chonburi Branch | Testing Service | 700/693 Moo7, T.Don Hua Roh, A.Muang Chonburi Chonburi 20000, Thailand |

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