

ภาคผนวก ง

ใบรับรองผลการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม

ความเร็วและทิศทางลม



Meteorological Monitoring Results : Wind Rose

MTR-CCE

Location : Ban Kanum Chet

Monitor period : 25 Apr 2025-02 May 2025

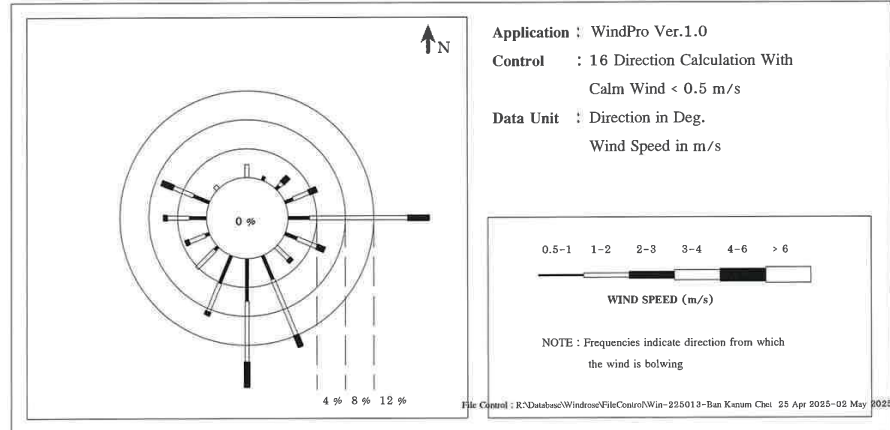
Wind Speed Model : Novalynx WS-25

Serial No : A5086

Wind Direction Model : Novalynx WS-25

Serial No : A5086

| Direction | Percentage of Occurrence of Wind Direct Grouped in Various Wind Speed | | | | | | Total |
|-----------|---|---------|---------|---------|---------|-------------|--------|
| | 0.5-1 m/s | 1-2 m/s | 2-3 m/s | 3-4 m/s | 4-6 m/s | More than 6 | |
| N | 0.0000 | 0.0179 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0179 |
| NNE | 0.0060 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0060 |
| NE | 0.0060 | 0.0060 | 0.0119 | 0.0000 | 0.0000 | 0.0000 | 0.0238 |
| ENE | 0.0119 | 0.0238 | 0.0119 | 0.0000 | 0.0000 | 0.0000 | 0.0476 |
| E | 0.0298 | 0.1369 | 0.0298 | 0.0000 | 0.0000 | 0.0000 | 0.1964 |
| ESE | 0.0179 | 0.0298 | 0.0119 | 0.0000 | 0.0000 | 0.0000 | 0.0595 |
| SE | 0.0000 | 0.0238 | 0.0060 | 0.0000 | 0.0000 | 0.0000 | 0.0298 |
| SSE | 0.0357 | 0.0833 | 0.0179 | 0.0000 | 0.0000 | 0.0000 | 0.1369 |
| S | 0.0595 | 0.0833 | 0.0357 | 0.0000 | 0.0000 | 0.0000 | 0.1786 |
| SSW | 0.0417 | 0.0417 | 0.0060 | 0.0000 | 0.0000 | 0.0000 | 0.0893 |
| SW | 0.0060 | 0.0357 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0417 |
| WSW | 0.0060 | 0.0238 | 0.0060 | 0.0000 | 0.0000 | 0.0000 | 0.0357 |
| W | 0.0238 | 0.0298 | 0.0060 | 0.0000 | 0.0000 | 0.0000 | 0.0595 |
| WNW | 0.0238 | 0.0298 | 0.0179 | 0.0000 | 0.0000 | 0.0000 | 0.0714 |
| NW | 0.0000 | 0.0060 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0060 |
| NNW | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| CALM | 0.0000 | | | | | | |



(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Meteorological Monitoring Results : Wind Rose

MTR-CCE

Location : Ban Kanum Chet

Monitor period : 25 Apr 2025-02 May 2025

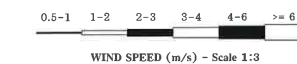
Wind Speed Model : Novalynx WS-25

Serial No : A5086

Wind Direction Model : Novalynx WS-25

Serial No : A5086

| Time | 25-26 Apr 2025 | | 26-27 Apr 2025 | | 27-28 Apr 2025 | | 28-29 Apr 2025 | |
|---------------|----------------|-----|----------------|-----|----------------|-----|----------------|-----|
| | WS(m/s) | WD | WS(m/s) | WD | WS(m/s) | WD | WS(m/s) | WD |
| 10:00 - 11:00 | 0.7 | W | 1.8 | SW | 0.8 | SSW | 1.0 | WSW |
| 11:00 - 12:00 | 1.8 | WNW | 0.6 | SW | 0.8 | S | 0.8 | W |
| 12:00 - 13:00 | 0.7 | WNW | 1.1 | SSW | 0.7 | NNE | 1.0 | WNW |
| 13:00 - 14:00 | 1.5 | W | 2.3 | SSW | 2.0 | ESE | 1.0 | WSW |
| 14:00 - 15:00 | 0.9 | W | 1.4 | SW | 0.5 | SSE | 1.2 | S |
| 15:00 - 16:00 | 1.4 | SSW | 1.4 | SW | 2.2 | E | 1.0 | S |
| 16:00 - 17:00 | 0.9 | SSW | 0.8 | SSW | 1.4 | ESE | 2.0 | ESE |
| 17:00 - 18:00 | 1.5 | SSW | 1.8 | SSW | 1.9 | E | 0.5 | E |
| 18:00 - 19:00 | 1.3 | S | 0.8 | S | 0.9 | S | 1.1 | SW |
| 19:00 - 20:00 | 1.5 | SSE | 1.3 | SSE | 1.2 | S | 1.1 | SSE |
| 20:00 - 21:00 | 1.6 | SSE | 2.0 | SSE | 2.0 | S | 0.9 | SSE |
| 21:00 - 22:00 | 1.5 | SSE | 0.8 | SSE | 1.4 | S | 0.9 | ESE |
| 22:00 - 23:00 | 0.5 | S | 1.6 | SSE | 2.1 | S | 1.6 | E |
| 23:00 - 24:00 | 1.2 | SSE | 1.6 | ESE | 0.8 | S | 0.8 | E |
| 00:00 - 01:00 | 2.0 | S | 1.5 | NE | 1.1 | SE | 1.5 | E |
| 01:00 - 02:00 | 2.2 | S | 1.2 | E | 1.6 | ESE | 1.8 | E |
| 02:00 - 03:00 | 0.9 | S | 2.2 | NE | 1.7 | E | 1.8 | E |
| 03:00 - 04:00 | 1.6 | SSE | 1.4 | E | 1.3 | ESE | 1.5 | E |
| 04:00 - 05:00 | 1.4 | SSE | 0.6 | E | 1.6 | E | 1.4 | E |
| 05:00 - 06:00 | 2.0 | SSE | 1.3 | E | 1.6 | E | 0.5 | ENE |
| 06:00 - 07:00 | 1.8 | SE | 0.9 | ENE | 1.4 | E | 1.1 | N |
| 07:00 - 08:00 | 1.2 | SSE | 1.7 | SE | 1.2 | E | 1.5 | ENE |
| 08:00 - 09:00 | 1.5 | S | 1.9 | SSE | 0.8 | S | 2.0 | E |
| 09:00 - 10:00 | 2.1 | S | 1.2 | SSW | 0.9 | WSW | 1.9 | ENE |



(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team

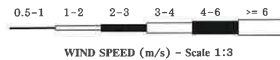


Meteorological Monitoring Results : Wind Rose

MTR-CCE

Location : Ban Kanum Chet Monitor period : 25 Apr 2025-02 May 2025
 Wind Speed Model : Novalynx WS-25 Serial No : A5086
 Wind Direction Model : Novalynx WS-25 Serial No : A5086

| Time | 29-30 Apr 2025 | | 30-01 May 2025 | | 01-02 May 2025 | | |
|---------------|----------------|-----|----------------|-----|----------------|-----|--|
| | WS(m/s) | WD | WS(m/s) | WD | WS(m/s) | WD | |
| 10:00 - 11:00 | 1.3 | E | 0.8 | WNW | 0.6 | WNW | |
| 11:00 - 12:00 | 2.1 | NE | 1.2 | W | 2.1 | WNW | |
| 12:00 - 13:00 | 2.2 | W | 0.6 | W | 0.7 | WNW | |
| 13:00 - 14:00 | 1.4 | SW | 1.4 | W | 1.3 | WNW | |
| 14:00 - 15:00 | 1.8 | SSE | 1.5 | WNW | 1.4 | W | |
| 15:00 - 16:00 | 1.7 | S | 1.5 | SW | 1.2 | W | |
| 16:00 - 17:00 | 1.7 | S | 0.8 | SSW | 1.5 | WSW | |
| 17:00 - 18:00 | 2.2 | WSW | 1.9 | SSW | 1.8 | WSW | |
| 18:00 - 19:00 | 1.2 | SSW | 0.7 | SSW | 1.2 | S | |
| 19:00 - 20:00 | 2.0 | S | 2.0 | SSE | 0.7 | S | |
| 20:00 - 21:00 | 1.9 | S | 1.7 | E | 0.9 | S | |
| 21:00 - 22:00 | 1.3 | SSE | 0.7 | SSW | 0.6 | SSE | |
| 22:00 - 23:00 | 0.9 | ESE | 1.7 | S | 0.7 | SSE | |
| 23:00 - 24:00 | 1.4 | E | 1.6 | S | 0.6 | ESE | |
| 00:00 - 01:00 | 0.6 | E | 0.5 | SSE | 0.8 | S | |
| 01:00 - 02:00 | 1.5 | E | 2.0 | E | 1.2 | S | |
| 02:00 - 03:00 | 0.5 | E | 1.3 | E | 1.1 | S | |
| 03:00 - 04:00 | 1.0 | E | 1.8 | N | 0.8 | SSW | |
| 04:00 - 05:00 | 1.9 | ENE | 0.6 | NE | 2.1 | E | |
| 05:00 - 06:00 | 2.2 | E | 1.0 | N | 2.1 | ENE | |
| 06:00 - 07:00 | 1.4 | E | 1.7 | SE | 1.3 | ENE | |
| 07:00 - 08:00 | 1.6 | E | 1.3 | SSE | 2.1 | ENE | |
| 08:00 - 09:00 | 1.3 | NW | 2.1 | SE | 1.1 | ESE | |
| 09:00 - 10:00 | 1.3 | WNW | 2.2 | WNW | 2.1 | WNW | |
| Wind Rose | | | | | | | |



File Control :R:\Database\Windrose\FileControl\Win-225013-Ban Kanum Chet 25 Apr 2025-02 May 2025

(Miss Katesarin Vorradetwittaya)

 Environmental Scientist

(Miss Preeda Somjai)

 Technical Management Team

คุณภาพอากาศในบรรยากาศ



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800
239 RIMKOLNGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

AMBIENT AIR QUALITY ANALYSIS REPORT

| | | | |
|----------------------|--|------------------|----------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-AMBIENT-2504-0051 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING DATE | : 25/04/2025-02/05/2025 |
| RECEIVED DATE | : 09/05/2025 | ANALYTICAL DATE | : 09-16/05/2025 |
| REPORT DATE | : 19/05/2025 | SAMPLE CONDITION | : Good |
| SITE OPERATOR | : Mr. Phuwadech Keawjirakulsri | | |
| LOCATION DESCRIPTION | : 1. Wat Bowin 2. Wat Yang-ane 3. Ban Hubborn Health Promotion Hospital 4. Ban Khao Hin School 5. Ban Kanum Chet | | |

| PARAMETER | SAMPLING DATE | UNIT | RESULT | | | | | STANDARD* | REFERENCE METHOD |
|-------------|------------------|----------|--------|-------|-------|-------|-------|-----------|---------------------|
| | | | 1 | 2 | 3 | 4 | 5 | | |
| TSP (24 hr) | 25-26/04/2025 | mg/cu.m. | 0.032 | 0.034 | 0.087 | 0.032 | 0.048 | 0.330 | High Volume Air |
| | 26-27/04/2025 | mg/cu.m. | 0.037 | 0.033 | 0.064 | 0.029 | 0.054 | | Sampler/Gravimetric |
| | 27-28/04/2025 | mg/cu.m. | 0.031 | 0.030 | 0.065 | 0.033 | 0.059 | | Method |
| | 28-29/04/2025 | mg/cu.m. | 0.035 | 0.040 | 0.053 | 0.045 | 0.051 | | |
| | 29-30/04/2025 | mg/cu.m. | 0.050 | 0.047 | 0.062 | 0.054 | 0.087 | | |
| | 30/04-01/05/2025 | mg/cu.m. | 0.034 | 0.045 | 0.050 | 0.050 | 0.056 | | |
| | 01-02/05/2025 | mg/cu.m. | 0.047 | 0.038 | 0.059 | 0.046 | 0.060 | | |


(Miss Pornnapa Budthum)

Analyst


(Miss Narisa Poowasanpetch)

Technical Management Team

- Remark :
1. Reported analysis refers to submitted sample only.
 2. This report shall not be reproduced, except in full, without official approval.
 3. * Notification of the National Environment Board, No.24, B.E.2547 (2004).



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800
239 RIMKOLNGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

AMBIENT AIR QUALITY ANALYSIS REPORT

| | | | |
|----------------------|--|------------------|----------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-AMBIENT-2504-0051 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING DATE | : 25/04/2025-02/05/2025 |
| RECEIVED DATE | : 09/05/2025 | ANALYTICAL DATE | : 09-16/05/2025 |
| REPORT DATE | : 19/05/2025 | SAMPLE CONDITION | : Good |
| SITE OPERATOR | : Mr. Phuwadech Keawjirakulsri | | |
| LOCATION DESCRIPTION | : 1. Wat Bowin 2. Wat Yang-ane 3. Ban Hubborn Health Promotion Hospital 4. Ban Khao Hin School 5. Ban Kanum Chet | | |

| PARAMETER | SAMPLING DATE | UNIT | RESULT | | | | | STANDARD* | REFERENCE METHOD |
|---------------|------------------|----------|--------|-------|-------|-------|-------|-----------|------------------------|
| | | | 1 | 2 | 3 | 4 | 5 | | |
| PM-10 (24 hr) | 25-26/04/2025 | mg/cu.m. | 0.027 | 0.022 | 0.029 | 0.022 | 0.021 | 0.120 | High Volume Air |
| | 26-27/04/2025 | mg/cu.m. | 0.031 | 0.018 | 0.022 | 0.020 | 0.028 | | Sampler (Hi-Vol PM-10 |
| | 27-28/04/2025 | mg/cu.m. | 0.022 | 0.020 | 0.023 | 0.023 | 0.029 | | Size Selective Inlet)/ |
| | 28-29/04/2025 | mg/cu.m. | 0.030 | 0.026 | 0.021 | 0.032 | 0.021 | | Gravimetric Method |
| | 29-30/04/2025 | mg/cu.m. | 0.042 | 0.036 | 0.018 | 0.045 | 0.046 | | |
| | 30/04-01/05/2025 | mg/cu.m. | 0.026 | 0.031 | 0.024 | 0.040 | 0.032 | | |
| | 01-02/05/2025 | mg/cu.m. | 0.037 | 0.029 | 0.026 | 0.029 | 0.019 | | |


(Miss Pornnapa Budthum)

Analyst


(Miss Narisa Poowasanpetch)

Technical Management Team

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Ambient Air Monitoring Results : Nitrogen dioxide MTR-CCE

Location : Wat Bowin
Analyzer Model : API 200A
Serial No : 1645

Monitor Period : 25 Apr 2025-02 May 2025
Station No : SCT-18
Site Operator : Mr. Phuwadech Kaewjirakulsri

Calibrator Model : Teledyne 700E
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 08 Jan 2025
Expire Date : 07 Jan 2026

Serial No : 587
Cal Concentration (ppb) : 0,100,200,400

| Time | NO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 10:00 - 11:00 | 6.0 | 3.2 | 3.7 | 5.2 | 5.3 | 4.0 | 4.4 |
| 11:00 - 12:00 | 1.0 | 3.8 | 3.3 | 5.3 | 4.5 | 5.7 | 4.8 |
| 12:00 - 13:00 | 5.2 | 5.7 | 3.1 | 5.6 | 6.0 | 6.1 | 3.5 |
| 13:00 - 14:00 | 5.0 | 3.5 | 6.6 | 3.4 | 6.3 | 4.4 | 5.1 |
| 14:00 - 15:00 | 5.2 | 4.8 | 4.2 | 6.1 | 3.7 | 4.9 | 6.0 |
| 15:00 - 16:00 | 3.9 | 5.0 | 3.1 | 4.5 | 6.8 | 5.1 | 4.8 |
| 16:00 - 17:00 | 5.2 | 6.1 | 6.2 | 6.1 | 3.1 | 5.6 | 6.5 |
| 17:00 - 18:00 | 5.1 | 5.7 | 6.3 | 5.2 | 4.4 | 4.3 | 6.5 |
| 18:00 - 19:00 | 5.5 | 5.7 | 4.1 | 4.3 | 5.2 | 3.6 | 6.8 |
| 19:00 - 20:00 | 4.7 | 6.5 | 6.0 | 6.0 | 3.1 | 3.1 | 5.5 |
| 20:00 - 21:00 | 3.1 | 5.4 | 5.3 | 6.4 | 4.4 | 5.7 | 3.2 |
| 21:00 - 22:00 | 6.0 | 5.4 | 5.5 | 6.0 | 6.6 | 4.7 | 3.7 |
| 22:00 - 23:00 | 5.9 | 5.3 | 6.3 | 6.4 | 4.3 | 3.6 | 4.4 |
| 23:00 - 00:00 | 3.5 | 3.5 | 4.3 | 5.8 | 5.4 | 4.4 | 3.1 |
| 00:00 - 01:00 | 5.1 | 4.2 | 5.8 | 4.9 | 3.9 | 4.6 | 4.1 |
| 01:00 - 02:00 | 3.1 | 4.9 | 4.6 | 3.9 | 5.7 | 3.9 | 5.3 |
| 02:00 - 03:00 | 3.6 | 6.6 | 4.2 | 3.0 | 6.1 | 5.8 | 5.4 |
| 03:00 - 04:00 | 5.9 | 4.2 | 6.5 | 4.9 | 5.9 | 5.4 | 6.2 |
| 04:00 - 05:00 | 6.8 | 1.0 | 3.8 | 3.5 | 3.0 | 5.1 | 4.5 |
| 05:00 - 06:00 | 3.5 | 5.0 | 3.3 | 3.4 | 4.6 | 4.8 | 6.7 |
| 06:00 - 07:00 | 6.7 | 3.1 | 3.7 | 3.9 | 6.7 | 5.8 | 4.7 |
| 07:00 - 08:00 | 5.3 | 6.6 | 4.0 | 5.3 | 5.5 | 3.7 | 3.6 |
| 08:00 - 09:00 | 6.7 | 4.1 | 5.5 | 5.0 | 4.0 | 6.3 | 5.4 |
| 09:00 - 10:00 | 3.9 | 3.0 | 5.3 | 6.0 | 5.1 | 4.8 | 5.1 |
| Average-24Hr* | 4.8 | 4.7 | 4.8 | 5.0 | 5.0 | 4.8 | 5.0 |
| Max-1Hr | 6.8 | 6.6 | 6.6 | 6.4 | 6.8 | 6.3 | 6.8 |
| Min-1Hr | 1.0 | 1.0 | 3.1 | 3.0 | 3.0 | 3.1 | 3.1 |
| Standard-1Hr | 170 ppb(320 ug/cu.m) | | | | | | |
| Standard-24Hr | - | | | | | | |

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-CCE

Location : Wat Yang Ane
Analyzer Model : API 200A
Serial No : 1528

Monitor Period : 25 Apr 2025-02 May 2025
Station No : Mobile 10
Site Operator : Mr. Phuwadech Kaewjirakulsri

Calibrator Model : Teledyne 700E
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 08 Jan 2025
Expire Date : 07 Jan 2026

Serial No : 587
Cal Concentration (ppb) : 0,100,200,400

| Time | NO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 11:00 - 12:00 | 5.2 | 6.9 | 6.0 | 6.7 | 5.3 | 5.4 | 6.4 |
| 12:00 - 13:00 | 5.8 | 7.6 | 7.5 | 7.5 | 7.1 | 5.6 | 7.5 |
| 13:00 - 14:00 | 5.2 | 6.4 | 5.3 | 5.5 | 4.9 | 5.0 | 5.2 |
| 14:00 - 15:00 | 5.2 | 6.7 | 5.7 | 5.7 | 5.7 | 5.1 | 0.9 |
| 15:00 - 16:00 | 6.3 | 7.2 | 5.9 | 6.1 | 5.7 | 6.9 | 7.2 |
| 16:00 - 17:00 | 5.6 | 5.7 | 5.0 | 5.5 | 6.2 | 6.8 | 5.8 |
| 17:00 - 18:00 | 7.2 | 6.8 | 6.5 | 7.5 | 5.7 | 5.5 | 6.9 |
| 18:00 - 19:00 | 1.1 | 6.0 | 5.2 | 7.0 | 6.4 | 6.1 | 6.0 |
| 19:00 - 20:00 | 5.4 | 5.4 | 6.4 | 5.1 | 5.2 | 6.0 | 7.1 |
| 20:00 - 21:00 | 6.3 | 6.6 | 5.1 | 5.1 | 7.3 | 6.8 | 6.0 |
| 21:00 - 22:00 | 7.2 | 7.6 | 5.5 | 5.5 | 5.8 | 6.9 | 6.7 |
| 22:00 - 23:00 | 6.2 | 5.3 | 5.9 | 5.8 | 5.5 | 7.1 | 6.3 |
| 23:00 - 00:00 | 5.8 | 6.1 | 7.2 | 5.4 | 6.7 | 5.2 | 5.6 |
| 00:00 - 01:00 | 7.0 | 4.9 | 7.0 | 7.4 | 6.9 | 4.9 | 7.5 |
| 01:00 - 02:00 | 5.4 | 7.1 | 5.2 | 5.9 | 7.1 | 5.9 | 6.6 |
| 02:00 - 03:00 | 6.7 | 5.4 | 5.9 | 5.3 | 6.0 | 5.8 | 7.6 |
| 03:00 - 04:00 | 6.5 | 7.4 | 7.4 | 5.9 | 7.3 | 6.5 | 6.3 |
| 04:00 - 05:00 | 5.9 | 7.3 | 6.2 | 6.2 | 5.0 | 5.8 | 4.9 |
| 05:00 - 06:00 | 5.1 | 4.9 | 6.7 | 6.4 | 6.2 | 6.6 | 6.4 |
| 06:00 - 07:00 | 6.8 | 6.5 | 6.6 | 6.8 | 7.4 | 5.3 | 6.6 |
| 07:00 - 08:00 | 5.0 | 7.4 | 6.4 | 6.1 | 6.4 | 5.3 | 6.0 |
| 08:00 - 09:00 | 6.8 | 6.2 | 6.0 | 5.9 | 5.0 | 6.1 | 6.6 |
| 09:00 - 10:00 | 6.9 | 6.5 | 6.1 | 7.5 | 5.1 | 5.3 | 5.5 |
| 10:00 - 11:00 | 4.9 | 6.9 | 6.6 | 5.2 | 6.9 | 6.5 | 5.3 |
| Average-24Hr* | 5.8 | 6.5 | 6.1 | 6.1 | 6.1 | 5.9 | 6.1 |
| Max-1Hr | 7.2 | 7.6 | 7.5 | 7.5 | 7.4 | 7.1 | 7.6 |
| Min-1Hr | 1.1 | 4.9 | 5.0 | 5.1 | 4.9 | 4.9 | 0.9 |
| Standard-1Hr | 170 ppb(320 ug/cu.m) | | | | | | |
| Standard-24Hr | = | | | | | | |

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-CCE


Location : Ban Hubborn Health Promotion Hospital Monitor Period : 25 Apr 2025-02 May 2025
Analyzer Model : API 200A Station No : SCT-17
Serial No : 2365 Site Operator : Mr. Phuwadech Kaewjirakulsi

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

| Time | NO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 12:00 - 13:00 | 6.0 | 7.4 | 6.7 | 4.7 | 5.2 | 5.0 | 7.9 |
| 13:00 - 14:00 | 5.2 | 6.4 | 9.3 | 6.0 | 7.3 | 9.5 | 5.5 |
| 14:00 - 15:00 | 6.5 | 7.7 | 8.0 | 7.6 | 7.2 | 8.6 | 8.4 |
| 15:00 - 16:00 | 9.8 | 7.3 | 6.4 | 9.4 | 9.0 | 6.7 | 8.8 |
| 16:00 - 17:00 | 5.1 | 9.6 | 6.1 | 7.6 | 7.8 | 6.4 | 7.4 |
| 17:00 - 18:00 | 9.4 | 8.0 | 9.2 | 6.3 | 5.7 | 5.0 | 9.7 |
| 18:00 - 19:00 | 7.5 | 9.2 | 9.5 | 8.6 | 6.8 | 8.4 | 6.5 |
| 19:00 - 20:00 | 9.0 | 8.5 | 4.7 | 5.1 | 7.0 | 8.2 | 4.6 |
| 20:00 - 21:00 | 6.3 | 7.6 | 7.7 | 9.4 | 7.0 | 6.5 | 9.8 |
| 21:00 - 22:00 | 6.9 | 6.6 | 6.3 | 8.2 | 5.2 | 5.1 | 5.7 |
| 22:00 - 23:00 | 7.4 | 9.2 | 6.6 | 7.9 | 5.7 | 6.4 | 9.2 |
| 23:00 - 00:00 | 6.8 | 4.5 | 1.1 | 5.0 | 6.6 | 9.6 | 6.6 |
| 00:00 - 01:00 | 5.7 | 8.5 | 5.4 | 8.4 | 6.9 | 9.8 | 6.5 |
| 01:00 - 02:00 | 6.0 | 5.3 | 7.8 | 7.5 | 6.0 | 4.6 | 7.7 |
| 02:00 - 03:00 | 8.7 | 6.7 | 9.2 | 8.9 | 6.5 | 5.3 | 8.4 |
| 03:00 - 04:00 | 7.1 | 7.2 | 7.7 | 7.9 | 7.9 | 5.4 | 5.3 |
| 04:00 - 05:00 | 9.5 | 6.8 | 8.3 | 5.7 | 8.1 | 4.8 | 5.7 |
| 05:00 - 06:00 | 8.7 | 6.2 | 5.5 | 5.5 | 7.9 | 4.8 | 7.9 |
| 06:00 - 07:00 | 7.1 | 5.7 | 7.3 | 9.2 | 8.4 | 7.1 | 7.6 |
| 07:00 - 08:00 | 5.0 | 5.0 | 8.5 | 4.5 | 8.0 | 5.4 | 6.9 |
| 08:00 - 09:00 | 5.3 | 6.5 | 9.3 | 8.6 | 7.5 | 5.3 | 6.7 |
| 09:00 - 10:00 | 9.7 | 8.1 | 7.2 | 5.9 | 9.2 | 9.6 | 6.6 |
| 10:00 - 11:00 | 5.9 | 5.6 | 1.9 | 5.9 | 6.0 | 6.4 | 6.1 |
| 11:00 - 12:00 | 7.4 | 9.3 | 6.4 | 6.1 | 8.4 | 8.6 | 9.6 |
| Average-24Hr* | 7.2 | 7.2 | 6.9 | 7.1 | 7.1 | 6.8 | 7.3 |
| Max-1Hr | 9.8 | 9.6 | 9.5 | 9.4 | 9.2 | 9.8 | 9.8 |
| Min-1Hr | 5.0 | 4.5 | 1.1 | 4.5 | 5.2 | 4.6 | 4.6 |
| Standard-1Hr | 170 ppb(320 ug/cu.m) | | | | | | |
| Standard-24Hr | = | | | | | | |

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


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-CCE


Location : Ban Khao Hin School Monitor Period : 25 Apr 2025-02 May 2025
Analyzer Model : Thermo 42C Station No : SCT-15
Serial No : 0426708263 Site Operator : Mr. Phuwadech Kaewjirakulsi

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

| Time | NO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 12:00 - 13:00 | 4.4 | 4.2 | 6.7 | 6.2 | 7.1 | 4.7 | 7.6 |
| 13:00 - 14:00 | 7.0 | 5.8 | 6.0 | 6.4 | 5.1 | 6.3 | 4.3 |
| 14:00 - 15:00 | 7.2 | 5.8 | 4.5 | 6.8 | 6.1 | 4.9 | 6.3 |
| 15:00 - 16:00 | 6.0 | 7.0 | 5.0 | 6.9 | 5.3 | 7.6 | 4.3 |
| 16:00 - 17:00 | 5.8 | 6.6 | 5.4 | 3.8 | 7.2 | 4.3 | 5.0 |
| 17:00 - 18:00 | 7.3 | 4.8 | 5.9 | 4.3 | 7.1 | 5.8 | 6.4 |
| 18:00 - 19:00 | 7.0 | 4.8 | 4.0 | 5.8 | 5.7 | 4.5 | 6.8 |
| 19:00 - 20:00 | 6.5 | 4.2 | 5.9 | 7.7 | 7.4 | 3.9 | 6.5 |
| 20:00 - 21:00 | 7.1 | 5.7 | 5.4 | 7.2 | 6.6 | 4.9 | 6.7 |
| 21:00 - 22:00 | 6.4 | 5.2 | 7.6 | 3.9 | 6.6 | 5.9 | 2.5 |
| 22:00 - 23:00 | 7.6 | 6.0 | 4.8 | 4.4 | 3.9 | 5.3 | 2.0 |
| 23:00 - 00:00 | 5.7 | 4.5 | 4.3 | 6.2 | 7.3 | 6.6 | 6.5 |
| 00:00 - 01:00 | 5.9 | 4.1 | 7.4 | 4.6 | 5.8 | 7.0 | 7.4 |
| 01:00 - 02:00 | 4.5 | 6.6 | 4.4 | 5.0 | 6.4 | 4.5 | 5.0 |
| 02:00 - 03:00 | 4.2 | 7.2 | 4.6 | 1.1 | 5.8 | 3.8 | 4.4 |
| 03:00 - 04:00 | 4.9 | 6.9 | 5.8 | 1.3 | 6.7 | 5.2 | 3.9 |
| 04:00 - 05:00 | 7.0 | 5.3 | 7.2 | 7.3 | 7.5 | 4.6 | 7.4 |
| 05:00 - 06:00 | 5.0 | 6.9 | 6.2 | 7.6 | 5.9 | 6.6 | 6.8 |
| 06:00 - 07:00 | 4.6 | 6.4 | 7.6 | 6.5 | 5.2 | 5.2 | 4.4 |
| 07:00 - 08:00 | 6.7 | 5.7 | 4.5 | 7.0 | 7.0 | 4.8 | 4.8 |
| 08:00 - 09:00 | 6.7 | 1.8 | 6.1 | 4.0 | 7.6 | 6.7 | 3.9 |
| 09:00 - 10:00 | 6.2 | 1.6 | 5.5 | 3.8 | 7.2 | 4.1 | 7.1 |
| 10:00 - 11:00 | 4.1 | 7.6 | 3.8 | 4.3 | 6.9 | 6.7 | 7.3 |
| 11:00 - 12:00 | 6.2 | 6.2 | 5.3 | 5.8 | 7.0 | 5.6 | 5.1 |
| Average-24Hr* | 6.0 | 5.5 | 5.6 | 5.3 | 6.4 | 5.4 | 5.5 |
| Max-1Hr | 7.6 | 7.6 | 7.6 | 7.7 | 7.6 | 7.6 | 7.6 |
| Min-1Hr | 4.1 | 1.6 | 3.8 | 1.1 | 3.9 | 3.8 | 2.0 |
| Standard-1Hr | 170 ppb(320 ug/cu.m) | | | | | | |
| Standard-24Hr | = | | | | | | |

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


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-CCE

Location : Ban Kanum Chat Monitor Period : 25 Apr 2025-02 May 2025
Analyzer Model : API 200A Station No : SCT-16
Serial No : 074 Site Operator : Mr. Phuwadech Kaewjirakulsri

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

| Time | NO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 10:00 - 11:00 | 5.3 | 5.2 | 4.7 | 4.0 | 5.6 | 4.3 | 3.6 |
| 11:00 - 12:00 | 5.8 | 3.5 | 6.0 | 5.0 | 5.3 | 4.6 | 4.7 |
| 12:00 - 13:00 | 5.6 | 4.7 | 5.0 | 3.4 | 1.9 | 5.0 | 5.0 |
| 13:00 - 14:00 | 1.9 | 4.1 | 5.4 | 4.2 | 5.1 | 3.3 | 5.2 |
| 14:00 - 15:00 | 4.0 | 3.6 | 5.9 | 5.4 | 4.2 | 4.5 | 3.2 |
| 15:00 - 16:00 | 4.7 | 3.2 | 4.1 | 3.8 | 5.1 | 4.2 | 3.4 |
| 16:00 - 17:00 | 3.4 | 3.3 | 4.7 | 5.6 | 5.0 | 4.7 | 5.3 |
| 17:00 - 18:00 | 5.8 | 5.8 | 5.1 | 3.2 | 4.1 | 5.9 | 3.6 |
| 18:00 - 19:00 | 5.6 | 3.8 | 5.1 | 4.5 | 4.4 | 5.8 | 4.6 |
| 19:00 - 20:00 | 4.2 | 4.2 | 5.2 | 4.6 | 4.3 | 5.4 | 5.6 |
| 20:00 - 21:00 | 3.6 | 4.4 | 4.4 | 3.1 | 5.0 | 6.0 | 4.1 |
| 21:00 - 22:00 | 4.5 | 5.7 | 3.8 | 4.9 | 5.0 | 3.1 | 3.3 |
| 22:00 - 23:00 | 4.4 | 3.0 | 3.1 | 4.8 | 5.1 | 3.5 | 3.9 |
| 23:00 - 00:00 | 3.1 | 3.6 | 3.2 | 3.8 | 4.1 | 3.7 | 3.5 |
| 00:00 - 01:00 | 3.1 | 3.1 | 3.7 | 4.1 | 4.1 | 4.1 | 5.0 |
| 01:00 - 02:00 | 4.6 | 3.3 | 4.8 | 5.9 | 3.6 | 4.4 | 3.6 |
| 02:00 - 03:00 | 5.4 | 4.1 | 3.4 | 4.1 | 5.4 | 6.0 | 4.9 |
| 03:00 - 04:00 | 1.8 | 1.8 | 5.2 | 3.8 | 4.8 | 3.6 | 3.1 |
| 04:00 - 05:00 | 3.6 | 5.7 | 4.2 | 4.1 | 3.6 | 6.0 | 5.6 |
| 05:00 - 06:00 | 3.4 | 5.0 | 3.8 | 5.6 | 5.8 | 3.4 | 4.2 |
| 06:00 - 07:00 | 4.4 | 4.4 | 5.1 | 3.7 | 5.2 | 5.2 | 4.9 |
| 07:00 - 08:00 | 3.4 | 5.4 | 5.9 | 3.3 | 5.2 | 5.9 | 3.8 |
| 08:00 - 09:00 | 5.4 | 5.4 | 5.2 | 6.0 | 3.3 | 4.3 | 3.1 |
| 09:00 - 10:00 | 3.7 | 4.0 | 4.7 | 4.5 | 3.2 | 3.2 | 4.8 |
| Average-24Hr* | 4.2 | 4.2 | 4.7 | 4.4 | 4.5 | 4.6 | 4.3 |
| Max-1Hr | 5.8 | 5.8 | 6.0 | 6.0 | 5.8 | 6.0 | 5.6 |
| Min-1Hr | 1.8 | 1.8 | 3.1 | 3.1 | 1.9 | 3.1 | 3.1 |
| Standard-1Hr | 170 ppb(320 ug/cu.m) | | | | | | |
| Standard-24Hr | - | | | | | | |

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-CCE

Location : Wat Bowin Monitor Period : 25 Apr 2025-02 May 2025
Analyzer Model : API 100E Station No : SCT-18
Serial No : 069 Site Operator : Mr. Phuwadech Kaewjirakulsri

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026

| Time | SO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 10:00 - 11:00 | 1.5 | 1.5 | 1.5 | 2.0 | 1.7 | 2.4 | 1.7 |
| 11:00 - 12:00 | 1.8 | 1.8 | 2.7 | 2.1 | 2.1 | 2.2 | 1.8 |
| 12:00 - 13:00 | 1.7 | 2.3 | 2.7 | 2.1 | 1.5 | 2.2 | 1.6 |
| 13:00 - 14:00 | 2.4 | 1.9 | 2.6 | 2.7 | 1.5 | 1.6 | 1.9 |
| 14:00 - 15:00 | 2.5 | 2.7 | 2.3 | 2.4 | 1.7 | 2.7 | 2.5 |
| 15:00 - 16:00 | 1.7 | 1.6 | 2.2 | 1.9 | 1.7 | 1.5 | 1.5 |
| 16:00 - 17:00 | 2.4 | 2.4 | 2.6 | 2.1 | 2.8 | 2.5 | 2.3 |
| 17:00 - 18:00 | 2.5 | 1.9 | 1.6 | 2.4 | 2.5 | 2.2 | 1.8 |
| 18:00 - 19:00 | 1.9 | 1.7 | 2.6 | 2.4 | 1.8 | 2.0 | 2.1 |
| 19:00 - 20:00 | 2.2 | 2.2 | 2.6 | 1.7 | 1.7 | 1.7 | 2.5 |
| 20:00 - 21:00 | 2.6 | 2.2 | 2.2 | 2.1 | 1.9 | 2.2 | 2.7 |
| 21:00 - 22:00 | 1.9 | 1.6 | 1.6 | 2.4 | 2.1 | 2.5 | 1.6 |
| 22:00 - 23:00 | 2.7 | 1.6 | 2.6 | 1.5 | 2.1 | 2.4 | 2.3 |
| 23:00 - 00:00 | 2.1 | 1.8 | 2.2 | 2.3 | 1.6 | 1.8 | 2.2 |
| 00:00 - 01:00 | 1.9 | 1.9 | 1.7 | 1.9 | 2.6 | 2.4 | 2.1 |
| 01:00 - 02:00 | 2.4 | 1.8 | 1.6 | 2.1 | 1.8 | 2.5 | 2.1 |
| 02:00 - 03:00 | 1.8 | 2.6 | 1.5 | 2.7 | 1.8 | 1.9 | 1.5 |
| 03:00 - 04:00 | 2.3 | 2.1 | 1.5 | 1.8 | 1.9 | 1.8 | 2.3 |
| 04:00 - 05:00 | 2.1 | 2.0 | 2.7 | 2.0 | 2.4 | 2.6 | 2.4 |
| 05:00 - 06:00 | 1.9 | 2.5 | 1.7 | 2.3 | 2.7 | 2.2 | 2.5 |
| 06:00 - 07:00 | 2.6 | 2.6 | 1.7 | 2.3 | 2.6 | 2.0 | 1.8 |
| 07:00 - 08:00 | 2.7 | 2.3 | 2.3 | 2.5 | 2.0 | 2.6 | 2.1 |
| 08:00 - 09:00 | 2.7 | 1.8 | 1.5 | 1.9 | 2.5 | 2.5 | 1.9 |
| 09:00 - 10:00 | 1.6 | 1.8 | 1.5 | 1.7 | 2.2 | 2.7 | 1.7 |
| Average-24Hr* | 2.2 | 2.0 | 2.1 | 2.1 | 2.1 | 2.2 | 2.0 |
| Max-1Hr | 2.7 | 2.7 | 2.7 | 2.7 | 2.8 | 2.7 | 2.7 |
| Min-1Hr | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| Standard-1Hr | 300 ppb(760 ug/cu.m) | | | | | | |
| Standard-24Hr | 120 ppb(300 ug/cu.m) | | | | | | |

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-CCE

Location : Wat Yang Ane Monitor Period : 25 Apr 2025-02 May 2025
Analyzer Model : API 100A Station No : Mobile 10
Serial No : 347 Site Operator : Mr. Phuwarech Kaewjirakulsri

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026

| Time | SO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 11:00 - 12:00 | 2.9 | 2.6 | 2.2 | 1.8 | 2.1 | 1.3 | 2.2 |
| 12:00 - 13:00 | 3.3 | 3.4 | 1.9 | 2.4 | 1.0 | 2.2 | 2.1 |
| 13:00 - 14:00 | 3.0 | 2.5 | 2.3 | 2.2 | 1.6 | 3.3 | 2.1 |
| 14:00 - 15:00 | 2.4 | 1.7 | 2.5 | 2.4 | 2.3 | 1.7 | 2.3 |
| 15:00 - 16:00 | 2.5 | 2.0 | 2.6 | 2.0 | 2.2 | 2.3 | 1.7 |
| 16:00 - 17:00 | 2.5 | 1.6 | 1.5 | 1.8 | 2.7 | 2.2 | 2.1 |
| 17:00 - 18:00 | 2.1 | 2.0 | 1.6 | 1.5 | 2.2 | 2.3 | 3.0 |
| 18:00 - 19:00 | 2.2 | 1.9 | 1.9 | 1.7 | 2.8 | 2.7 | 2.2 |
| 19:00 - 20:00 | 1.9 | 1.5 | 2.0 | 1.8 | 2.4 | 2.1 | 2.0 |
| 20:00 - 21:00 | 3.1 | 2.5 | 2.3 | 2.4 | 2.0 | 2.7 | 2.6 |
| 21:00 - 22:00 | 2.2 | 2.7 | 2.9 | 1.8 | 2.1 | 2.3 | 2.3 |
| 22:00 - 23:00 | 1.6 | 2.7 | 2.6 | 2.1 | 2.5 | 2.4 | 1.9 |
| 23:00 - 00:00 | 2.3 | 1.6 | 3.0 | 2.8 | 2.5 | 2.0 | 2.1 |
| 00:00 - 01:00 | 2.3 | 1.9 | 2.1 | 1.6 | 1.5 | 1.9 | 2.6 |
| 01:00 - 02:00 | 2.6 | 2.2 | 2.1 | 2.9 | 1.9 | 2.3 | 2.2 |
| 02:00 - 03:00 | 2.1 | 2.6 | 2.3 | 1.6 | 1.9 | 2.6 | 2.6 |
| 03:00 - 04:00 | 1.8 | 2.7 | 1.8 | 3.2 | 2.2 | 2.9 | 1.0 |
| 04:00 - 05:00 | 2.2 | 2.5 | 2.4 | 2.6 | 2.1 | 2.4 | 2.2 |
| 05:00 - 06:00 | 2.9 | 1.2 | 2.5 | 1.7 | 1.1 | 1.8 | 1.7 |
| 06:00 - 07:00 | 2.3 | 2.4 | 2.9 | 2.6 | 2.2 | 2.3 | 2.0 |
| 07:00 - 08:00 | 1.8 | 2.1 | 2.7 | 2.1 | 2.4 | 1.8 | 2.1 |
| 08:00 - 09:00 | 1.7 | 2.7 | 2.9 | 2.6 | 3.0 | 2.6 | 2.6 |
| 09:00 - 10:00 | 3.3 | 2.1 | 2.1 | 2.1 | 2.9 | 2.3 | 1.8 |
| 10:00 - 11:00 | 2.5 | 2.8 | 1.9 | 2.9 | 2.0 | 2.6 | 2.3 |
| Average-24Hr* | 2.4 | 2.2 | 2.3 | 2.2 | 2.2 | 2.3 | 2.2 |
| Max-1Hr | 3.3 | 3.4 | 3.0 | 3.2 | 3.0 | 3.3 | 3.0 |
| Min-1Hr | 1.6 | 1.2 | 1.5 | 1.5 | 1.0 | 1.3 | 1.0 |
| Standard-1Hr | 300 ppb(780 ug/cu.m) | | | | | | |
| Standard-24Hr | 120 ppb(300 ug/cu.m) | | | | | | |

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


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-CCE


Location : Ban Hubborn Health Promotion Hospital Monitor Period : 25 Apr 2025-02 May 2025
Analyzer Model : API 100A Station No : SCT-17
Serial No : 382 Site Operator : Mr. Phuwarech Kaewjirakulsri

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026

| Time | SO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 12:00 - 13:00 | 2.6 | 2.3 | 3.0 | 3.0 | 3.6 | 3.6 | 2.2 |
| 13:00 - 14:00 | 2.9 | 3.6 | 1.9 | 2.2 | 3.3 | 3.0 | 3.4 |
| 14:00 - 15:00 | 1.9 | 2.5 | 2.8 | 2.0 | 3.1 | 3.0 | 1.9 |
| 15:00 - 16:00 | 2.7 | 2.1 | 2.5 | 3.1 | 2.7 | 2.5 | 2.6 |
| 16:00 - 17:00 | 2.8 | 3.8 | 1.8 | 3.7 | 2.4 | 2.5 | 3.9 |
| 17:00 - 18:00 | 2.4 | 3.3 | 3.4 | 2.4 | 2.4 | 2.3 | 2.7 |
| 18:00 - 19:00 | 2.8 | 3.5 | 3.9 | 2.3 | 2.4 | 2.7 | 3.5 |
| 19:00 - 20:00 | 3.0 | 3.2 | 3.5 | 2.1 | 3.3 | 2.0 | 2.9 |
| 20:00 - 21:00 | 3.1 | 2.8 | 3.2 | 1.8 | 3.2 | 3.1 | 3.9 |
| 21:00 - 22:00 | 3.6 | 2.6 | 3.1 | 3.1 | 3.0 | 3.5 | 2.1 |
| 22:00 - 23:00 | 3.0 | 1.8 | 3.6 | 2.7 | 3.4 | 2.4 | 3.7 |
| 23:00 - 00:00 | 2.4 | 2.2 | 3.1 | 3.8 | 2.2 | 2.1 | 3.2 |
| 00:00 - 01:00 | 3.8 | 2.7 | 3.2 | 2.8 | 3.0 | 3.8 | 4.0 |
| 01:00 - 02:00 | 2.6 | 2.0 | 3.5 | 2.3 | 2.9 | 3.9 | 4.0 |
| 02:00 - 03:00 | 3.5 | 3.5 | 3.6 | 1.9 | 3.5 | 2.0 | 3.8 |
| 03:00 - 04:00 | 3.5 | 3.8 | 2.5 | 2.3 | 3.1 | 1.8 | 3.8 |
| 04:00 - 05:00 | 2.9 | 2.0 | 3.4 | 3.1 | 3.4 | 3.8 | 2.4 |
| 05:00 - 06:00 | 3.3 | 2.7 | 1.8 | 2.4 | 2.0 | 2.3 | 3.4 |
| 06:00 - 07:00 | 3.1 | 3.5 | 2.3 | 2.9 | 2.7 | 2.7 | 3.1 |
| 07:00 - 08:00 | 2.9 | 3.5 | 1.8 | 2.3 | 2.6 | 2.7 | 3.4 |
| 08:00 - 09:00 | 2.6 | 2.7 | 2.5 | 1.8 | 3.4 | 4.0 | 3.7 |
| 09:00 - 10:00 | 3.6 | 3.1 | 3.7 | 1.8 | 2.1 | 3.4 | 2.6 |
| 10:00 - 11:00 | 3.2 | 3.5 | 2.0 | 2.4 | 1.8 | 1.9 | 2.8 |
| 11:00 - 12:00 | 3.4 | 2.9 | 3.7 | 1.9 | 2.8 | 3.2 | 3.0 |
| Average-24Hr* | 3.0 | 2.9 | 2.9 | 2.5 | 2.8 | 2.8 | 3.2 |
| Max-1Hr | 3.8 | 3.8 | 3.9 | 3.8 | 3.6 | 4.0 | 4.0 |
| Min-1Hr | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 |
| Standard-1Hr | 300 ppb(780 ug/cu.m) | | | | | | |
| Standard-24Hr | 120 ppb(300 ug/cu.m) | | | | | | |

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


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-CCE

Location : Ban Khao Hin School Monitor Period : 25 Apr 2025-02 May 2025
Analyzer Model : Thermo 43C Station No : SCT-15
Serial No : 0607415773 Site Operator : Mr. Phuwadech Kaewjirakulsri

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026

| Time | SO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 12:00 - 13:00 | 1.5 | 2.3 | 1.2 | 2.1 | 1.0 | 2.1 | 0.7 |
| 13:00 - 14:00 | 0.8 | 1.2 | 0.9 | 1.5 | 2.0 | 1.0 | 1.5 |
| 14:00 - 15:00 | 1.0 | 1.5 | 1.2 | 2.0 | 0.9 | 1.9 | 2.0 |
| 15:00 - 16:00 | 2.4 | 1.6 | 1.9 | 0.9 | 1.7 | 1.6 | 1.6 |
| 16:00 - 17:00 | 0.8 | 1.3 | 2.3 | 1.4 | 1.5 | 0.7 | 0.7 |
| 17:00 - 18:00 | 0.9 | 0.7 | 2.0 | 2.2 | 0.8 | 2.2 | 2.1 |
| 18:00 - 19:00 | 0.9 | 1.9 | 1.8 | 1.2 | 1.2 | 0.8 | 1.5 |
| 19:00 - 20:00 | 1.3 | 1.8 | 2.1 | 2.3 | 1.0 | 1.4 | 2.0 |
| 20:00 - 21:00 | 1.3 | 1.0 | 2.0 | 2.2 | 1.2 | 1.3 | 0.8 |
| 21:00 - 22:00 | 0.9 | 1.7 | 1.6 | 1.0 | 0.9 | 0.7 | 1.8 |
| 22:00 - 23:00 | 0.7 | 1.2 | 1.9 | 1.2 | 0.9 | 1.7 | 1.6 |
| 23:00 - 00:00 | 1.6 | 2.3 | 0.9 | 1.0 | 1.0 | 2.0 | 1.3 |
| 00:00 - 01:00 | 1.6 | 2.2 | 1.7 | 2.0 | 2.0 | 1.9 | 2.2 |
| 01:00 - 02:00 | 1.0 | 1.8 | 1.3 | 1.0 | 1.9 | 1.3 | 1.9 |
| 02:00 - 03:00 | 1.3 | 1.5 | 0.8 | 2.1 | 0.7 | 2.3 | 1.8 |
| 03:00 - 04:00 | 1.4 | 2.3 | 2.0 | 1.8 | 1.8 | 2.0 | 2.0 |
| 04:00 - 05:00 | 0.8 | 1.3 | 2.1 | 1.5 | 1.6 | 1.6 | 0.9 |
| 05:00 - 06:00 | 2.1 | 1.7 | 0.8 | 1.2 | 1.8 | 1.8 | 1.7 |
| 06:00 - 07:00 | 2.0 | 1.0 | 2.0 | 0.7 | 0.7 | 0.8 | 0.9 |
| 07:00 - 08:00 | 1.0 | 1.9 | 0.7 | 1.4 | 1.1 | 2.1 | 1.9 |
| 08:00 - 09:00 | 1.2 | 2.3 | 1.1 | 1.7 | 1.4 | 1.4 | 1.9 |
| 09:00 - 10:00 | 2.3 | 2.0 | 1.7 | 2.1 | 1.7 | 1.3 | 2.3 |
| 10:00 - 11:00 | 1.9 | 1.0 | 1.6 | 1.2 | 1.1 | 2.2 | 1.8 |
| 11:00 - 12:00 | 1.5 | 1.6 | 2.3 | 1.8 | 2.1 | 1.4 | 1.9 |
| Average-24Hr* | 1.3 | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 |
| Max-1Hr | 2.4 | 2.3 | 2.3 | 2.3 | 2.1 | 2.3 | 2.3 |
| Min-1Hr | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| Standard-1Hr | 300 ppb(780 ug/cu.m) | | | | | | |
| Standard-24Hr | 120 ppb(300 ug/cu.m) | | | | | | |

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-CCE

Location : Ban Kanum Chet Monitor Period : 25 Apr 2025-02 May 2025
Analyzer Model : API 100A Station No : SCT-16
Serial No : 1715 Site Operator : Mr. Phuwadech Kaewjirakulsri

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026

| Time | SO2 Concentration (ppb) | | | | | | |
|---------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 25-26 Apr 2025 | 26-27 Apr 2025 | 27-28 Apr 2025 | 28-29 Apr 2025 | 29-30 Apr 2025 | 30-01 May 2025 | 01-02 May 2025 |
| 10:00 - 11:00 | 2.3 | 2.1 | 3.0 | 2.7 | 2.9 | 2.2 | 2.9 |
| 11:00 - 12:00 | 2.8 | 3.0 | 3.3 | 2.5 | 2.4 | 2.1 | 2.2 |
| 12:00 - 13:00 | 2.7 | 2.4 | 3.5 | 3.4 | 2.7 | 2.9 | 2.9 |
| 13:00 - 14:00 | 2.5 | 3.4 | 3.3 | 2.6 | 3.5 | 3.2 | 3.3 |
| 14:00 - 15:00 | 3.0 | 2.7 | 2.4 | 2.2 | 2.0 | 2.8 | 3.5 |
| 15:00 - 16:00 | 2.6 | 2.4 | 3.5 | 3.3 | 2.2 | 2.5 | 2.5 |
| 16:00 - 17:00 | 2.2 | 3.3 | 3.5 | 3.3 | 2.1 | 2.9 | 2.3 |
| 17:00 - 18:00 | 3.5 | 2.6 | 2.0 | 2.6 | 3.3 | 2.6 | 2.6 |
| 18:00 - 19:00 | 2.2 | 2.6 | 3.4 | 2.7 | 2.4 | 2.5 | 2.1 |
| 19:00 - 20:00 | 3.0 | 3.1 | 2.7 | 2.2 | 3.0 | 3.0 | 2.3 |
| 20:00 - 21:00 | 2.6 | 2.9 | 2.0 | 3.2 | 2.1 | 2.9 | 3.1 |
| 21:00 - 22:00 | 2.9 | 3.2 | 2.0 | 2.1 | 3.5 | 2.2 | 3.3 |
| 22:00 - 23:00 | 3.2 | 3.1 | 2.2 | 3.4 | 2.4 | 2.9 | 3.1 |
| 23:00 - 00:00 | 3.4 | 3.2 | 3.1 | 3.3 | 2.1 | 2.3 | 2.5 |
| 00:00 - 01:00 | 2.7 | 3.4 | 2.9 | 2.8 | 2.5 | 2.7 | 3.3 |
| 01:00 - 02:00 | 3.2 | 2.5 | 3.1 | 3.2 | 2.5 | 2.7 | 2.2 |
| 02:00 - 03:00 | 3.4 | 2.4 | 2.0 | 2.7 | 3.0 | 3.2 | 2.2 |
| 03:00 - 04:00 | 2.8 | 3.3 | 2.2 | 2.0 | 2.4 | 2.6 | 2.1 |
| 04:00 - 05:00 | 2.4 | 2.7 | 3.2 | 3.4 | 2.6 | 2.6 | 2.6 |
| 05:00 - 06:00 | 3.5 | 2.3 | 2.9 | 3.5 | 3.2 | 2.2 | 2.6 |
| 06:00 - 07:00 | 3.3 | 2.8 | 2.7 | 2.7 | 3.2 | 2.4 | 2.2 |
| 07:00 - 08:00 | 3.1 | 2.9 | 2.3 | 2.5 | 2.3 | 2.2 | 2.8 |
| 08:00 - 09:00 | 2.7 | 3.0 | 3.4 | 2.5 | 2.6 | 2.7 | 2.6 |
| 09:00 - 10:00 | 2.0 | 3.5 | 2.9 | 2.9 | 2.4 | 2.5 | 3.0 |
| Average-24Hr* | 2.8 | 2.9 | 2.8 | 2.8 | 2.6 | 2.6 | 2.7 |
| Max-1Hr | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.2 | 3.5 |
| Min-1Hr | 2.0 | 2.1 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 |
| Standard-1Hr | 300 ppb(780 ug/cu.m) | | | | | | |
| Standard-24Hr | 120 ppb(300 ug/cu.m) | | | | | | |

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team

คุณภาพอากาศจากแหล่งกำเนิด



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

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

STACK AIR QUALITY ANALYSIS REPORT

| | | | |
|--------------------------|-----------------------------------|---------------------|-------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REQUEST SERVICE No. | : 0754/68 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING METHOD | : US.EPA Method 23 |
| SAMPLING DATE | : 28/04/2025 | ANALYTICAL DATE | : 28/04/2025-19/05/2025 |
| RECEIVED DATE | : 30/04/2025 | SAMPLE CONDITION | : Normal |
| REPORT DATE | : 23/05/2025 | FILE CODE | : 225096_STK_May |
| VOLUME OF DEY GAS AT STP | : 2.496 Nm ³ | % OXYGEN SAMPLING | : 7.75 |
| NAME LOCATION | : Boiler | | |

| Compound | DETECTION | AMOUNT | AMOUNT | 7% OXYGEN | TEF | TEQ (I-TEF) | 7% OXYGEN |
|----------------------------|--|-------------------------|--------------------|-----------------------|-----------------------|-----------------------------|-----------------------------|
| | LIMIT ^{1/} ng/sample ^{1/} | ng/sample ^{1/} | ng/Nm ³ | (ng/Nm ³) | (I-TEF) ^{1/} | (ng-I-TEQ/Nm ³) | (ng-I-TEQ/Nm ³) |
| PCDDs | | | | | | | |
| 2,3,7,8-TCDD | < 0.00230 | < 0.00230 | < 0.000921 | < 0.000974 | 1.00 | < 0.000921 | < 0.000974 |
| 1,2,3,7,8-PeCDD | < 0.00300 | < 0.00300 | < 0.001202 | < 0.001271 | 0.50 | < 0.000601 | < 0.000635 |
| 1,2,3,4,7,8-HxCDD | < 0.00600 | < 0.00600 | < 0.002404 | < 0.002542 | 0.10 | < 0.000240 | < 0.000254 |
| 1,2,3,6,7,8-HxCDD | < 0.00600 | < 0.00600 | < 0.002404 | < 0.002542 | 0.10 | < 0.000240 | < 0.000254 |
| 1,2,3,7,8,9-HxCDD | < 0.00600 | < 0.00600 | < 0.002404 | < 0.002542 | 0.10 | < 0.000240 | < 0.000254 |
| 1,2,3,4,6,7,8-HpCDD | < 0.00680 | < 0.00680 | < 0.002724 | < 0.002881 | 0.01 | < 0.000027 | < 0.000029 |
| OCDD | < 0.0280 | < 0.0280 | < 0.011218 | < 0.011863 | 0.001 | < 0.000011 | < 0.000012 |
| Total PCDDs | | | | | | | |
| PCDFs | | | | | | | |
| 2,3,7,8-TCDF | < 0.00400 | < 0.00400 | < 0.001603 | < 0.001695 | 0.10 | < 0.000160 | < 0.000169 |
| 1,2,3,7,8-PeCDF | < 0.00550 | < 0.00550 | < 0.002204 | < 0.002330 | 0.05 | < 0.000110 | < 0.000117 |
| 2,3,4,7,8-PeCDF | < 0.00550 | < 0.00550 | < 0.002204 | < 0.002330 | 0.50 | < 0.001102 | < 0.001165 |
| 1,2,3,4,7,8-HxCDF | < 0.00500 | < 0.00500 | < 0.002003 | < 0.002118 | 0.10 | < 0.000200 | < 0.000212 |
| 1,2,3,6,7,8-HxCDF | < 0.00500 | < 0.00500 | < 0.002003 | < 0.002118 | 0.10 | < 0.000200 | < 0.000212 |
| 2,3,4,6,7,8-HxCDF | < 0.00500 | < 0.00500 | < 0.002003 | < 0.002118 | 0.10 | < 0.000200 | < 0.000212 |
| 1,2,3,7,8,9-HxCDF | < 0.00500 | < 0.00500 | < 0.002003 | < 0.002118 | 0.10 | < 0.000200 | < 0.000212 |
| 1,2,3,4,6,7,8-HpCDF | < 0.00650 | < 0.00650 | < 0.002604 | < 0.002754 | 0.10 | < 0.000260 | < 0.000275 |
| 1,2,3,4,7,8,9-HpCDF | < 0.00480 | < 0.00480 | < 0.001923 | < 0.002034 | 0.01 | < 0.000019 | < 0.000020 |
| OCDF | < 0.0400 | < 0.0400 | < 0.016026 | < 0.016947 | 0.001 | < 0.000016 | < 0.000017 |
| Total PeCDFs | | | | | | | |
| Total PCDDs + PCDFs | | | | | | | |
| | | | | | | < 0.00475 | < 0.00502 |

Methods for the Determination of Polychlorinated Dibenz-p-Dioxins Polychlorinated Dibenzofurans From Stationary Sources : US EPA Methods 23.2017

กิตติพงษ์

Mr. Kittipong Thakoengsuk

Sample Collector

REG.NO. 7-239-0-0024

ARAYA

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-0-0004

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

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

3. ^{1/} Analysis were performed by Eurofins Food Testing Thailand Co., Ltd.

^{1/} DETECTION LIMIT (ng/sample) < - Concentration below the indicated limit of quantification (LOQ).

4. ^{2/} TEF (TOXIC EQUIVALENCY FACTOR< TEQ (TOXIC EQUIVALENCY) USE IS ACCORDING TO NATO/CCMS.1988 (I-TEF).



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STACK EMISSION ANALYSIS REPORT

| | | | |
|--------------------|-----------------------------------|------------------|--------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-Stack-2504-0052 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING DATE | : 28/04/2025 |
| RECEIVED DATE | : 30/04/2025 | ANALYTICAL DATE | : 02-03/05/2025 |
| REPORT DATE | : 07/05/2025 | SAMPLE CONDITION | : Good |
| STACK LOCATION | : Boiler | OPERATOR | : Mr. Rommadon Lemmad |
| SOURCE DESCRIPTION | : Combustion | FUEL TYPE | : Industrial Waste |

STACK DESCRIPTION

| | | | |
|-------------|------------|-------------------------|------------------|
| Height | : 50.0 m | Gas Velocity | : 14.0 m/s |
| Diameter | : 1.5 m | Flow rate ^{1/} | : 788 Ncu.m./min |
| Temperature | : 180.7 °C | Excess Oxygen | : 7.4 % |
| Moisture | : 19.3 % | | |

| PARAMETER | UNIT | RESULT ^{1/} | | | STANDARD | | REFERENCE |
|--------------------|-----------|----------------------|------------------|------|--------------------------------------|--------------------|------------------|
| | | 7.4%O ₂ | 7%O ₂ | g/s | 7%O ₂ | g/s | |
| Particulate matter | mg/Ncu.m. | 4.36 | 4.48 | 0.06 | 12 ^{2/} (70 ^{3/}) | 0.22 ^{2/} | US. EPA Method 5 |

ปณิศา ปัทมธนู

(Miss Pornnapa Budthum)

Analyst

REG.NO. 7-239-0-0018

นาริสา ปอวะสานเพ็ช

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO. 7-239-0-0010

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

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

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

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

5. ^{3/} Emission Standard prescribed by Ministry of Natural Resources and Environment, 2023 (B.E.2566).



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STACK EMISSION ANALYSIS REPORT

| | | | |
|--------------------|-----------------------------------|------------------|--------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCER NO. | : 225013-Stack-2504-0052 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING DATE | : 28/04/2025 |
| RECEIVED DATE | : 30/04/2025 | ANALYTICAL DATE | : 30/04/2025-07/05/2025 |
| REPORT DATE | : 16/05/2025 | SAMPLE CONDITION | : Good |
| STACK LOCATION | : Boiler | SITE OPERATOR | : Mr. Rommadon Lemmad |
| SOURCE DESCRIPTION | : Combustion | FUEL TYPE | : Industrial Waste |

STACK DESCRIPTION

| | | | | | |
|-------------|---------|----|-------------------------|--------|------------|
| Height | : 50.0 | m | Gas Velocity | : 14.0 | m/s |
| Diameter | : 1.5 | m | Flow rate ^{1/} | : 788 | Ncu.m./min |
| Temperature | : 180.7 | °C | Excess Oxygen | : 7.4 | % |
| Moisture | : 19.3 | % | | | |

| PARAMETER | UNIT | ND | RESULT ^{1/} | | | STANDARD | | REFERENCE |
|-----------|----------|----------|----------------------|--------------------|------------------|------------------------|---------------------|-------------------|
| | | | (non-detectable) | 7.4%O ₂ | 7%O ₂ | g/s | 7%O ₂ | |
| | | | | | | | g/s | METHOD |
| Hg | mg/Ncu.m | < 0.0003 | < 0.0003 | < 0.0003 | < 0.000004 | 0.05 ^{2/, 3/} | 0.001 ^{2/} | US. EPA Method 29 |


(Mrs. Araya Tipparuk)
Analyst
REG.NO. 3-239-ก-0004


(Miss Narisa Poowasanpetch)
Technical Management Team
REG.NO. 3-239-ก-0010

- Remark :** 1. Reported analysis refers to submitted sample only.
2. This report shall not be reproduced, except in full, without official approval.
3. ^{1/} At standard pressure of 760 mm.Hg and temperature of 25 °C, dry basis.
4. ^{2/} The assigned value in EIA report.
5. ^{3/} Emission Standard prescribed by Ministry of Natural Resources and Environment, 2023 (B.E.2566).



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STACK EMISSION ANALYSIS REPORT

| | | | |
|--------------------|-----------------------------------|------------------|--------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCER NO. | : 225013-Stack-2504-0052 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING DATE | : 28/04/2025 |
| RECEIVED DATE | : 30/04/2025 | ANALYTICAL DATE | : 30/04/2025-07/05/2025 |
| REPORT DATE | : 16/05/2025 | SAMPLE CONDITION | : Good |
| STACK LOCATION | : Boiler | SITE OPERATOR | : Mr. Rommadon Lemmad |
| SOURCE DESCRIPTION | : Combustion | FUEL TYPE | : Industrial Waste |

STACK DESCRIPTION

| | | | | | |
|-------------|---------|----|-------------------------|--------|------------|
| Height | : 50.0 | m | Gas Velocity | : 14.0 | m/s |
| Diameter | : 1.5 | m | Flow rate ^{1/} | : 788 | Ncu.m./min |
| Temperature | : 180.7 | °C | Excess Oxygen | : 7.4 | % |
| Moisture | : 19.3 | % | | | |

| PARAMETER | UNIT | ND | RESULT ^{1/} | | | STANDARD | | REFERENCE |
|-----------|----------|------------------|----------------------|------------------|---------|-----------------------|--------------------|-------------------|
| | | (non-detectable) | 7.4%O ₂ | 7%O ₂ | g/s | 7%O ₂ | g/s | METHOD |
| Pb | mg/Ncu.m | < 0.02 | 0.06 | 0.06 | 0.00079 | 0.5 ^{2/, 3/} | 0.01 ^{2/} | US. EPA Method 29 |


(Mrs. Araya Tipparuk)
Analyst
REG.NO. 3-239-ก-0004


(Miss Narisa Poowasanpetch)
Technical Management Team
REG.NO. 3-239-ก-0010

- Remark :** 1. Reported analysis refers to submitted sample only.
2. This report shall not be reproduced, except in full, without official approval.
3. ^{1/} At standard pressure of 760 mm.Hg and temperature of 25 °C, dry basis.
4. ^{2/} The assigned value in EIA report.
5. ^{3/} Emission Standard prescribed by Ministry of Natural Resources and Environment, 2023 (B.E.2566).



บริษัท ซีคอต จำกัด

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STACK EMISSION ANALYSIS REPORT

| | | | |
|--------------------|-----------------------------------|------------------|--------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCER NO. | : 225013-Stack-2504-0052 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING DATE | : 28/04/2025 |
| RECEIVED DATE | : 30/04/2025 | ANALYTICAL DATE | : 30/04/2025-07/05/2025 |
| REPORT DATE | : 16/05/2025 | SAMPLE CONDITION | : Good |
| STACK LOCATION | : Boiler | SITE OPERATOR | : Mr. Rommadon Lemmad |
| SOURCE DESCRIPTION | : Combustion | FUEL TYPE | : Industrial Waste |

STACK DESCRIPTION

| | | | | | |
|-------------|---------|----|-------------------------|--------|------------|
| Height | : 50.0 | m | Gas Velocity | : 14.0 | m/s |
| Diameter | : 1.5 | m | Flow rate ^{1/} | : 788 | Ncu.m./min |
| Temperature | : 180.7 | °C | Excess Oxygen | : 7.4 | % |
| Moisture | : 19.3 | % | | | |

| PARAMETER | UNIT | ND | RESULT ^{1/} | | | STANDARD | | REFERENCE |
|-----------|----------|---------|----------------------|--------------------|------------------|------------------------|---------------------|-------------------|
| | | | (non-detectable) | 7.4%O ₂ | 7%O ₂ | g/s | 7%O ₂ | |
| Cd | mg/Ncu.m | < 0.004 | < 0.004 | < 0.004 | < 0.00005 | 0.05 ^{2/, 3/} | 0.001 ^{2/} | US. EPA Method 29 |

(Mrs. Araya Tipparuk)

Analyst

REG.NO.จ-239-ก-0004

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.จ-239-ก-0010

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

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

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

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STACK EMISSION ANALYSIS REPORT

| | | | |
|--------------------|-----------------------------------|------------------|--------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCER NO. | : 225013-Stack-2504-0052 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING DATE | : 28/04/2025 |
| RECEIVED DATE | : 30/04/2025 | ANALYTICAL DATE | : 07/05/2025 |
| REPORT DATE | : 16/05/2025 | SAMPLE CONDITION | : Good |
| STACK LOCATION | : Boiler | SITE OPERATOR | : Mr. Rommadon Lemmad |
| SOURCE DESCRIPTION | : Combustion | FUEL TYPE | : Industrial Waste |

STACK DESCRIPTION

| | | | | | |
|-------------|---------|----|-------------------------|--------|------------|
| Height | : 50.0 | m | Gas Velocity | : 14.0 | m/s |
| Diameter | : 1.5 | m | Flow rate ^{1/} | : 788 | Ncu.m./min |
| Temperature | : 180.7 | °C | Excess Oxygen | : 7.4 | % |
| Moisture | : 19.3 | % | | | |

| PARAMETER | UNIT | ND | RESULT ^{1/} | | | STANDARD | | REFERENCE |
|-----------|------|---------|----------------------|--------------------|------------------|-------------------------------------|--------------------|--------------------|
| | | | (non-detectable) | 7.4%O ₂ | 7%O ₂ | g/s | 7%O ₂ | |
| HCl | ppm | < 0.007 | 0.479 | 0.492 | 0.0094 | 8 ^{2/} (25 ^{3/}) | 0.22 ^{2/} | US. EPA Method 26A |

(Miss Pornnapa Budthum)

Analyst

REG.NO.จ-239-ก-0018

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.จ-239-ก-0010

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

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

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

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

5. ^{3/} Emission Standard prescribed by Ministry of Natural Resources and Environment, 2023 (B.E.2566).

Monitoring Results of Emission Concentration
Boiler Stack
Chonburi Clean Energy Co.,Ltd.
April 28, 2025

| Run Number | Oxygen content (%) | | Oxides of nitrogen (ppm) | | |
|----------------|--------------------|--------------------|--------------------------|-------------------------------|---------------------------|
| | RM Stack Gas Conc | Corrected Gas Conc | RM Stack Gas Conc | Corrected Gas Conc @Actual O2 | Corrected Gas Conc @7% O2 |
| 1 | 7.51 | 7.42 | 105.24 | 105.34 | 108.62 |
| 2 | 6.96 | 6.88 | 105.06 | 105.16 | 104.26 |
| 3 | 7.91 | 7.84 | 103.98 | 104.08 | 110.77 |
| Average | 7.46 | 7.38 | 104.76 | 104.86 | 107.81 |

| Run Number | Oxygen content (%) | | Sulfur dioxide (ppm) | | |
|----------------|--------------------|--------------------|----------------------|-------------------------------|---------------------------|
| | RM Stack Gas Conc | Corrected Gas Conc | RM Stack Gas Conc | Corrected Gas Conc @Actual O2 | Corrected Gas Conc @7% O2 |
| 1 | 7.51 | 7.42 | 0.56 | 0.51 | 0.53 |
| 2 | 6.96 | 6.88 | 0.47 | 0.41 | 0.41 |
| 3 | 7.91 | 7.84 | 0.71 | 0.65 | 0.69 |
| Average | 7.46 | 7.38 | 0.58 | 0.52 | 0.54 |

Chonburi Clean Energy Co.,Ltd.
EMISSION TEST RESULT

Date: April 28, 2025
Start time: 11:20 AM
O₂ instrument Model: AMI 70
NO_x instrument Model: API 200 AH
SO₂ instrument Model: API 100 AH
Fuel Type : Industrial waste

Run # : 1
Location : Boiler Stack
Finish time : 11:40 AM
Serial No.: 121121-10
Serial No.: 441
Serial No.: 060
Test Operator : Song H.

| Time, min | O ₂ (%) | NO _x (ppm) | SO ₂ (ppm) |
|----------------|--------------------|-----------------------|-----------------------|
| 11:20 AM | 7.75 | 107.73 | 0.38 |
| 11:21 AM | 7.98 | 105.63 | 0.36 |
| 11:22 AM | 6.97 | 106.73 | 0.43 |
| 11:23 AM | 5.85 | 121.97 | 0.46 |
| 11:24 AM | 4.97 | 131.92 | 0.48 |
| 11:25 AM | 5.02 | 132.61 | 0.49 |
| 11:26 AM | 6.19 | 129.90 | 0.51 |
| 11:27 AM | 6.70 | 125.11 | 0.50 |
| 11:28 AM | 5.35 | 119.64 | 0.57 |
| 11:29 AM | 5.47 | 121.69 | 1.02 |
| 11:30 AM | 7.31 | 141.33 | 0.99 |
| 11:31 AM | 7.70 | 113.05 | 0.76 |
| 11:32 AM | 7.52 | 104.51 | 0.70 |
| 11:33 AM | 7.29 | 98.31 | 0.64 |
| 11:34 AM | 7.36 | 105.87 | 0.69 |
| 11:35 AM | 8.82 | 102.10 | 0.49 |
| 11:36 AM | 9.22 | 72.00 | 0.46 |
| 11:37 AM | 9.94 | 67.11 | 0.39 |
| 11:38 AM | 10.28 | 62.92 | 0.41 |
| 11:39 AM | 10.01 | 66.06 | 0.49 |
| 11:40 AM | 9.91 | 73.77 | 0.46 |
| Average | 7.51 | 105.24 | 0.56 |

Signature



(Miss Katesarin Vorradetwittaya)

Environmental Scientist

Chonburi Clean Energy Co.,Ltd. EMISSION TEST RESULT

Run # : 2

Date: April 28, 2025 Location : Boiler Stack

Start time: 11:41 AM Finish time : 12:01 PM

O₂ instrument Model: AMI 70 Serial No.: 121121-10

NO_x instrument Model: API 200 AH Serial No.: 441

SO₂ instrument Model: API 100 AH Serial No.: 060

Fuel Type : Industrial waste Test Operator : Song H.

| Time, min | O ₂ (%) | NO _x (ppm) | SO ₂ (ppm) |
|-----------|--------------------|-----------------------|-----------------------|
| 11:41 AM | 9.93 | 71.84 | 0.46 |
| 11:42 AM | 8.63 | 80.19 | 0.48 |
| 11:43 AM | 6.79 | 94.68 | 0.56 |
| 11:44 AM | 7.16 | 105.20 | 0.63 |
| 11:45 AM | 6.97 | 105.84 | 0.60 |
| 11:46 AM | 6.91 | 105.98 | 0.60 |
| 11:47 AM | 6.74 | 111.14 | 0.60 |
| 11:48 AM | 6.99 | 112.66 | 0.53 |
| 11:49 AM | 7.29 | 108.32 | 0.44 |
| 11:50 AM | 7.34 | 101.56 | 0.36 |
| 11:51 AM | 6.41 | 105.12 | 0.44 |
| 11:52 AM | 5.71 | 117.36 | 0.41 |
| 11:53 AM | 4.66 | 113.74 | 0.47 |
| 11:54 AM | 5.79 | 116.05 | 0.47 |
| 11:55 AM | 6.56 | 111.38 | 0.47 |
| 11:56 AM | 6.53 | 108.63 | 0.47 |
| 11:57 AM | 6.13 | 109.40 | 0.46 |
| 11:58 AM | 7.19 | 106.74 | 0.38 |
| 11:59 AM | 7.36 | 105.76 | 0.43 |
| 12:00 PM | 7.47 | 107.20 | 0.35 |
| 12:01 PM | 7.67 | 107.46 | 0.35 |
| Average | 6.96 | 105.06 | 0.47 |

Signature



(Miss Katesarin Vorradetwittaya)

Environmental Scientist

Chonburi Clean Energy Co.,Ltd. EMISSION TEST RESULT

Run # : 3

Date: April 28, 2025 Location : Boiler Stack

Start time: 12:02 PM Finish time : 12:22 PM

O₂ instrument Model: AMI 70 Serial No.: 121121-10

NO_x instrument Model: API 200 AH Serial No.: 441

SO₂ instrument Model: API 100 AH Serial No.: 060

Fuel Type : Industrial waste Test Operator : Song H.

| Time, min | O ₂ (%) | NO _x (ppm) | SO ₂ (ppm) |
|-----------|--------------------|-----------------------|-----------------------|
| 12:02 PM | 7.78 | 105.22 | 0.35 |
| 12:03 PM | 7.72 | 105.34 | 0.35 |
| 12:04 PM | 7.75 | 105.49 | 0.35 |
| 12:05 PM | 8.01 | 112.77 | 0.39 |
| 12:06 PM | 8.89 | 113.66 | 0.33 |
| 12:07 PM | 9.33 | 103.84 | 0.34 |
| 12:08 PM | 6.98 | 102.63 | 0.31 |
| 12:09 PM | 3.61 | 99.17 | 0.65 |
| 12:10 PM | 4.64 | 77.82 | 1.83 |
| 12:11 PM | 6.00 | 112.48 | 1.44 |
| 12:12 PM | 6.80 | 118.31 | 1.16 |
| 12:13 PM | 7.43 | 114.15 | 1.04 |
| 12:14 PM | 7.96 | 112.42 | 0.92 |
| 12:15 PM | 8.88 | 113.07 | 0.81 |
| 12:16 PM | 9.67 | 110.91 | 0.73 |
| 12:17 PM | 10.01 | 99.87 | 0.69 |
| 12:18 PM | 10.13 | 95.31 | 0.60 |
| 12:19 PM | 10.59 | 84.54 | 0.47 |
| 12:20 PM | 10.35 | 80.12 | 0.52 |
| 12:21 PM | 7.85 | 100.73 | 0.69 |
| 12:22 PM | 5.79 | 115.71 | 0.95 |
| Average | 7.91 | 103.98 | 0.71 |

Signature



(Miss Katesarin Vorradetwittaya)

Environmental Scientist


ระดับเสียงทั่วไป




Noise Monitoring Result : Community Noise
MTR-CCE

| | | | | | | | |
|--|---|----------------|----------------|---------------------------------|----------------|----------------|----------------|
| Location : Wat Map Born | | | | Monitor Period : 21-28 Mar 2025 | | | |
| SLM Model : Cirrus CR162B | | | | Serial No : G302333 | | | |
| Site Operator : Mr. Phuwadech Kaewjirakulsri | | | | | | | |
| | | | | | | | |
| Calibrator Model : Cirrus CR:515 | | | | Serial No : 97097 | | | |
| Calibration Ref dB(A) : 94.0 | | | | Certified Date : 02 Oct 2024 | | | |
| SLM Reading / Adjust dB(A) : 93.7/0.0 | | | | Expire Date : 01 Oct 2025 | | | |
| Cal Sheet No.: CR-515-2025-077 | | | | | | | |
| Time | Equivalent Sound Pressure Level (dB(A)) | | | | | | |
| | 21-22 Mar 2025 | 22-23 Mar 2025 | 23-24 Mar 2025 | 24-25 Mar 2025 | 25-26 Mar 2025 | 26-27 Mar 2025 | 27-28 Mar 2025 |
| 10:00 ~ 11:00 | 56.0 | 57.8 | 53.7 | 52.8 | 54.1 | 52.6 | 57.6 |
| 11:00 ~ 12:00 | 56.4 | 55.9 | 55.9 | 51.3 | 51.6 | 51.4 | 52.9 |
| 12:00 ~ 13:00 | 53.1 | 51.1 | 52.6 | 50.6 | 52.3 | 52.7 | 53.7 |
| 13:00 ~ 14:00 | 53.6 | 55.3 | 50.4 | 52.0 | 50.9 | 53.3 | 52.3 |
| 14:00 ~ 15:00 | 52.0 | 53.1 | 52.7 | 52.1 | 53.4 | 52.2 | 51.7 |
| 15:00 ~ 16:00 | 51.6 | 54.3 | 58.9 | 53.5 | 50.9 | 56.6 | 55.3 |
| 16:00 ~ 17:00 | 53.8 | 62.2 | 50.8 | 50.6 | 51.6 | 52.7 | 54.1 |
| 17:00 ~ 18:00 | 55.4 | 56.5 | 60.9 | 51.8 | 53.2 | 54.8 | 55.9 |
| 18:00 ~ 19:00 | 67.6 | 65.7 | 65.9 | 65.4 | 59.4 | 57.4 | 61.1 |
| 19:00 ~ 20:00 | 51.1 | 52.4 | 50.7 | 49.0 | 51.0 | 49.3 | 49.6 |
| 20:00 ~ 21:00 | 49.6 | 50.0 | 51.4 | 47.9 | 51.5 | 49.4 | 51.0 |
| 21:00 ~ 22:00 | 47.2 | 49.0 | 52.3 | 49.3 | 47.8 | 45.8 | 49.3 |
| 22:00 ~ 23:00 | 47.2 | 48.9 | 50.0 | 47.2 | 45.5 | 47.5 | 48.4 |
| 23:00 ~ 00:00 | 49.1 | 48.6 | 49.1 | 45.8 | 46.5 | 50.3 | 46.5 |
| 00:00 ~ 01:00 | 45.6 | 46.5 | 47.4 | 49.6 | 45.2 | 47.1 | 46.6 |
| 01:00 ~ 02:00 | 47.2 | 45.7 | 47.3 | 44.5 | 45.9 | 46.7 | 45.3 |
| 02:00 ~ 03:00 | 44.3 | 47.0 | 47.8 | 45.8 | 44.0 | 46.9 | 47.2 |
| 03:00 ~ 04:00 | 45.4 | 47.6 | 45.2 | 44.0 | 46.4 | 49.3 | 48.3 |
| 04:00 ~ 05:00 | 48.0 | 47.6 | 45.9 | 46.5 | 47.2 | 49.7 | 48.8 |
| 05:00 ~ 06:00 | 60.2 | 62.7 | 63.3 | 61.5 | 59.4 | 61.3 | 57.5 |
| 06:00 ~ 07:00 | 63.2 | 63.5 | 62.6 | 65.4 | 58.0 | 56.3 | 57.5 |
| 07:00 ~ 08:00 | 55.7 | 54.7 | 56.2 | 55.1 | 57.3 | 55.1 | 55.8 |
| 08:00 ~ 09:00 | 54.6 | 59.0 | 53.3 | 53.9 | 52.7 | 52.1 | 54.9 |
| 09:00 ~ 10:00 | 55.9 | 52.1 | 55.1 | 53.9 | 53.3 | 53.2 | 55.5 |
| Leq(24)* | 57.2 | 57.6 | 57.3 | 56.6 | 53.4 | 53.6 | 54.3 |
| Ldn | 62.6 | 63.5 | 63.4 | 63.8 | 59.5 | 60.3 | 59.2 |
| Lmax ** | 83.6 | 88.9 | 85.4 | 85.1 | 85.9 | 87.8 | 85.3 |
| Standard-24Hr | 70 dB(A) | | | | | | |
| Standard-Max | 115 dB(A) | | | | | | |

Remark : * Average time between 10:00-10:00
** Maximum Sound Pressure Level between 10:00-10:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise
MTR-CCE

| Location : Wat Map Born | | | | Monitor Period : 21-28 Mar 2025 | | | |
|--|----------------|----------------|----------------|---------------------------------|----------------|----------------|----------------|
| SLM Model : Cirrus CR162B | | | | Serial No : G302333 | | | |
| Site Operator : Mr. Phuwadech Kaewjirakulsri | | | | | | | |
| | | | | | | | |
| Calibrator Model : Cirrus CR:515 | | | | Serial No : 97097 | | | |
| Calibration Ref dB(A) : 94.0 | | | | Certified Date : 02 Oct 2024 | | | |
| SLM Reading / Adjust dB(A) : 93.7/0.0 | | | | Expire Date : 01 Oct 2025 | | | |
| Cal Sheet No.: CR-515-2025-077 | | | | | | | |
| | | | | | | | |
| Time | L90 (dB(A)) | | | | | | |
| | 21-22 Mar 2025 | 22-23 Mar 2025 | 23-24 Mar 2025 | 24-25 Mar 2025 | 25-26 Mar 2025 | 26-27 Mar 2025 | 27-28 Mar 2025 |
| 10:00 ~ 11:00 | 52.0 | 49.9 | 45.3 | 42.7 | 44.4 | 45.3 | 47.1 |
| 11:00 ~ 12:00 | 50.3 | 48.3 | 43.0 | 42.4 | 44.2 | 44.8 | 46.0 |
| 12:00 ~ 13:00 | 48.8 | 45.9 | 40.1 | 43.7 | 44.5 | 45.2 | 47.8 |
| 13:00 ~ 14:00 | 47.1 | 44.5 | 41.0 | 46.1 | 42.4 | 46.1 | 48.0 |
| 14:00 ~ 15:00 | 46.4 | 45.3 | 40.9 | 46.6 | 45.4 | 44.8 | 46.6 |
| 15:00 ~ 16:00 | 45.8 | 45.1 | 44.2 | 45.9 | 45.0 | 47.1 | 49.2 |
| 16:00 ~ 17:00 | 46.3 | 44.1 | 43.4 | 44.5 | 45.7 | 45.6 | 46.0 |
| 17:00 ~ 18:00 | 45.6 | 45.3 | 43.5 | 41.8 | 47.1 | 45.8 | 47.0 |
| 18:00 ~ 19:00 | 46.3 | 45.7 | 44.3 | 42.6 | 45.7 | 46.0 | 47.6 |
| 19:00 ~ 20:00 | 48.8 | 49.1 | 49.9 | 46.7 | 48.5 | 47.0 | 45.8 |
| 20:00 ~ 21:00 | 46.0 | 48.2 | 48.1 | 46.2 | 47.1 | 46.6 | 45.0 |
| 21:00 ~ 22:00 | 44.9 | 46.3 | 47.9 | 45.8 | 44.5 | 43.7 | 44.7 |
| 22:00 ~ 23:00 | 44.9 | 45.2 | 46.5 | 45.2 | 43.6 | 45.0 | 44.0 |
| 23:00 ~ 00:00 | 46.6 | 44.6 | 45.7 | 43.7 | 44.1 | 46.6 | 43.8 |
| 00:00 ~ 01:00 | 42.0 | 44.0 | 45.0 | 42.6 | 42.9 | 45.6 | 43.7 |
| 01:00 ~ 02:00 | 41.6 | 42.8 | 44.5 | 42.6 | 43.2 | 44.0 | 43.5 |
| 02:00 ~ 03:00 | 42.1 | 43.5 | 44.4 | 42.9 | 42.7 | 44.2 | 44.3 |
| 03:00 ~ 04:00 | 42.4 | 44.2 | 41.3 | 42.7 | 42.9 | 43.7 | 43.2 |
| 04:00 ~ 05:00 | 43.8 | 43.7 | 40.9 | 43.1 | 42.9 | 43.4 | 43.8 |
| 05:00 ~ 06:00 | 44.9 | 46.6 | 44.7 | 44.2 | 45.1 | 44.2 | 45.0 |
| 06:00 ~ 07:00 | 49.2 | 48.5 | 47.8 | 47.5 | 49.8 | 48.7 | 47.6 |
| 07:00 ~ 08:00 | 50.7 | 49.9 | 48.0 | 48.2 | 49.1 | 48.1 | 48.5 |
| 08:00 ~ 09:00 | 50.0 | 47.3 | 45.2 | 47.0 | 45.6 | 45.2 | 47.4 |
| 09:00 ~ 10:00 | 49.6 | 44.2 | 44.8 | 45.2 | 46.0 | 45.0 | 47.4 |
| | | | | | | | |
| L90(avg)* | 47.4 | 46.4 | 45.3 | 45.0 | 45.6 | 45.7 | 46.3 |

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


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise MTR-CCE

| Location : Ban Kanum Chet | | | | Monitor Period : 21-28 Mar 2025 | | | |
|--|---|----------------|----------------|---------------------------------|----------------|----------------|----------------|
| SLM Model : Cirrus CR162B | | | | Serial No : G300769 | | | |
| Site Operator : Mr. Phuwadech Kaewjirakulsri | | | | | | | |
| | | | | | | | |
| Calibrator Model : Cirrus CR:515 | | | | Serial No : 97097 | | | |
| Calibration Ref dB(A) : 94.0 | | | | Certified Date : 02 Oct 2024 | | | |
| SLM Reading / Adjust dB(A) : 93.7/0.0 | | | | Expire Date : 01 Oct 2025 | | | |
| Cal Sheet No.: CR-515-2025-077 | | | | | | | |
| | | | | | | | |
| Time | Equivalent Sound Pressure Level (dB(A)) | | | | | | |
| | 21-22 Mar 2025 | 22-23 Mar 2025 | 23-24 Mar 2025 | 24-25 Mar 2025 | 25-26 Mar 2025 | 26-27 Mar 2025 | 27-28 Mar 2025 |
| 10:00 ~ 11:00 | 58.4 | 62.5 | 63.7 | 56.5 | 56.1 | 61.0 | 55.5 |
| 11:00 ~ 12:00 | 55.1 | 54.1 | 58.2 | 55.9 | 51.8 | 64.4 | 58.6 |
| 12:00 ~ 13:00 | 56.3 | 66.1 | 56.6 | 59.9 | 62.7 | 66.1 | 56.6 |
| 13:00 ~ 14:00 | 51.3 | 51.6 | 54.7 | 52.8 | 52.9 | 63.6 | 53.5 |
| 14:00 ~ 15:00 | 49.8 | 56.3 | 51.2 | 54.0 | 53.0 | 74.4 | 57.7 |
| 15:00 ~ 16:00 | 54.2 | 56.2 | 53.5 | 61.5 | 64.8 | 55.6 | 55.1 |
| 16:00 ~ 17:00 | 54.1 | 57.3 | 66.8 | 69.5 | 56.8 | 54.9 | 59.0 |
| 17:00 ~ 18:00 | 59.4 | 56.8 | 60.7 | 56.6 | 58.8 | 73.0 | 60.9 |
| 18:00 ~ 19:00 | 57.5 | 54.5 | 61.5 | 54.6 | 56.9 | 79.3 | 56.5 |
| 19:00 ~ 20:00 | 70.1 | 63.8 | 51.5 | 55.0 | 76.1 | 57.0 | 61.2 |
| 20:00 ~ 21:00 | 53.9 | 58.6 | 56.3 | 56.0 | 70.8 | 55.6 | 58.5 |
| 21:00 ~ 22:00 | 54.4 | 51.2 | 54.5 | 54.3 | 53.4 | 60.3 | 54.4 |
| 22:00 ~ 23:00 | 52.3 | 48.8 | 52.5 | 55.4 | 51.3 | 62.2 | 66.8 |
| 23:00 ~ 00:00 | 49.1 | 48.7 | 43.8 | 44.2 | 44.1 | 47.3 | 46.9 |
| 00:00 ~ 01:00 | 52.2 | 44.8 | 53.7 | 48.8 | 46.6 | 52.3 | 50.0 |
| 01:00 ~ 02:00 | 43.0 | 46.5 | 42.4 | 62.2 | 52.0 | 42.4 | 43.1 |
| 02:00 ~ 03:00 | 41.2 | 42.9 | 43.5 | 44.3 | 58.4 | 43.8 | 44.6 |
| 03:00 ~ 04:00 | 39.4 | 43.6 | 44.0 | 42.4 | 64.4 | 43.8 | 43.7 |
| 04:00 ~ 05:00 | 43.6 | 45.7 | 42.5 | 44.7 | 45.7 | 44.5 | 45.4 |
| 05:00 ~ 06:00 | 58.1 | 50.3 | 55.3 | 56.1 | 55.6 | 73.7 | 69.2 |
| 06:00 ~ 07:00 | 56.6 | 60.0 | 75.0 | 56.1 | 73.7 | 70.5 | 71.7 |
| 07:00 ~ 08:00 | 60.2 | 64.0 | 73.6 | 63.0 | 63.0 | 68.3 | 61.7 |
| 08:00 ~ 09:00 | 63.8 | 74.9 | 57.1 | 57.1 | 62.1 | 61.7 | 59.1 |
| 09:00 ~ 10:00 | 54.4 | 54.1 | 61.7 | 58.2 | 64.4 | 67.5 | 63.1 |
| | | | | | | | |
| Leq(24)* | 59.1 | 62.9 | 64.6 | 59.3 | 66.0 | 69.1 | 62.2 |
| Ldn | 61.5 | 63.9 | 71.8 | 63.0 | 71.6 | 73.4 | 70.9 |
| Lmax ** | 97.5 | 92.0 | 102.6 | 96.0 | 101.0 | 102.8 | 98.1 |
| | | | | | | | |
| Standard-24Hr | 70 dB(A) | | | | | | |
| Standard-Max | 115 dB(A) | | | | | | |

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

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-CCE

| Location : Ban Kanum Chet | | | Monitor Period : 21-28 Mar 2025 | | | | |
|--|----------------|----------------|---------------------------------|----------------|----------------|----------------|----------------|
| SLM Model : Cirrus CR162B | | | Serial No : G300769 | | | | |
| Site Operator : Mr. Phuwadech Kaewjirakulsri | | | | | | | |
| | | | | | | | |
| Calibrator Model : Cirrus CR:515 | | | Serial No : 97097 | | | | |
| Calibration Ref dB(A) : 94.0 | | | Certified Date : 02 Oct 2024 | | | | |
| SLM Reading / Adjust dB(A) : 93.7/0.0 | | | Expire Date : 01 Oct 2025 | | | | |
| Cal Sheet No.: CR-515-2025-077 | | | | | | | |
| | | | | | | | |
| Time | L90 (dB(A)) | | | | | | |
| | 21-22 Mar 2025 | 22-23 Mar 2025 | 23-24 Mar 2025 | 24-25 Mar 2025 | 25-26 Mar 2025 | 26-27 Mar 2025 | 27-28 Mar 2025 |
| 10:00 - 11:00 | 46.2 | 45.2 | 46.0 | 41.8 | 40.8 | 46.8 | 41.3 |
| 11:00 - 12:00 | 44.9 | 42.4 | 43.7 | 40.3 | 39.7 | 48.8 | 41.7 |
| 12:00 - 13:00 | 43.3 | 42.4 | 39.3 | 41.3 | 39.8 | 42.1 | 42.6 |
| 13:00 - 14:00 | 42.1 | 40.2 | 39.7 | 42.9 | 39.5 | 40.0 | 42.0 |
| 14:00 - 15:00 | 40.4 | 41.3 | 41.7 | 44.0 | 39.3 | 40.2 | 40.7 |
| 15:00 - 16:00 | 41.0 | 41.9 | 42.1 | 43.9 | 40.2 | 38.5 | 41.3 |
| 16:00 - 17:00 | 42.2 | 41.3 | 42.7 | 44.4 | 40.8 | 41.5 | 41.2 |
| 17:00 - 18:00 | 41.6 | 43.0 | 44.2 | 42.3 | 42.7 | 43.3 | 42.6 |
| 18:00 - 19:00 | 42.5 | 42.4 | 42.7 | 40.8 | 43.3 | 42.2 | 42.3 |
| 19:00 - 20:00 | 44.4 | 41.7 | 42.4 | 42.4 | 46.8 | 42.6 | 41.6 |
| 20:00 - 21:00 | 42.5 | 43.3 | 43.3 | 41.9 | 43.4 | 42.1 | 42.1 |
| 21:00 - 22:00 | 40.8 | 42.5 | 43.3 | 41.3 | 41.8 | 42.5 | 40.5 |
| 22:00 - 23:00 | 40.8 | 41.2 | 42.1 | 41.7 | 40.5 | 41.2 | 41.4 |
| 23:00 - 00:00 | 38.9 | 40.4 | 39.4 | 41.0 | 41.1 | 39.9 | 40.6 |
| 00:00 - 01:00 | 37.7 | 40.6 | 39.7 | 39.9 | 41.2 | 39.2 | 39.8 |
| 01:00 - 02:00 | 37.8 | 40.2 | 39.3 | 39.8 | 39.4 | 40.1 | 40.7 |
| 02:00 - 03:00 | 37.0 | 40.0 | 38.2 | 39.3 | 40.4 | 39.1 | 40.1 |
| 03:00 - 04:00 | 37.8 | 39.8 | 37.5 | 39.7 | 41.6 | 38.3 | 39.7 |
| 04:00 - 05:00 | 38.6 | 39.4 | 37.2 | 39.4 | 40.3 | 38.4 | 39.8 |
| 05:00 - 06:00 | 40.5 | 41.8 | 40.3 | 41.2 | 41.0 | 39.9 | 41.4 |
| 06:00 - 07:00 | 46.3 | 46.5 | 48.5 | 45.7 | 46.2 | 47.6 | 46.5 |
| 07:00 - 08:00 | 46.2 | 44.9 | 48.1 | 44.8 | 47.3 | 48.2 | 44.9 |
| 08:00 - 09:00 | 45.6 | 45.3 | 45.5 | 42.5 | 42.2 | 44.2 | 42.9 |
| 09:00 - 10:00 | 44.6 | 45.0 | 42.1 | 42.2 | 41.2 | 42.6 | 40.0 |
| | | | | | | | |
| L90(avg)* | 42.7 | 42.7 | 43.1 | 42.2 | 42.4 | 43.3 | 41.9 |

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

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



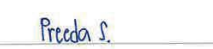
Noise Monitoring Result : Community Noise MTR-CCE

| | | | | | | | |
|--|---|----------------|----------------|---------------------------------|----------------|----------------|----------------|
| Location : North Fence of Project | | | | Monitor Period : 21-28 Mar 2025 | | | |
| SLM Model : Cirrus CR162B | | | | Serial No : G302738 | | | |
| Site Operator : Mr. Phuwadech Kaewjirakulsri | | | | | | | |
| | | | | | | | |
| Calibrator Model : Cirrus CR:515 | | | | Serial No : 97097 | | | |
| Calibration Ref dB(A) : 94.0 | | | | Certified Date : 02 Oct 2024 | | | |
| SLM Reading / Adjust dB(A) : 93.7/0.0 | | | | Expire Date : 01 Oct 2025 | | | |
| Cal Sheet No.: CR-515-2025-077 | | | | | | | |
| Time | Equivalent Sound Pressure Level (dB(A)) | | | | | | |
| | 21-22 Mar 2025 | 22-23 Mar 2025 | 23-24 Mar 2025 | 24-25 Mar 2025 | 25-26 Mar 2025 | 26-27 Mar 2025 | 27-28 Mar 2025 |
| 09:00 - 10:00 | 60.7 | 58.0 | 58.1 | 56.1 | 58.2 | 58.3 | 58.5 |
| 10:00 - 11:00 | 57.6 | 57.6 | 57.4 | 56.4 | 56.4 | 56.3 | 55.5 |
| 11:00 - 12:00 | 57.9 | 55.7 | 56.9 | 58.2 | 55.7 | 55.6 | 56.6 |
| 12:00 - 13:00 | 56.5 | 58.5 | 56.5 | 59.4 | 54.2 | 56.0 | 55.8 |
| 13:00 - 14:00 | 58.8 | 58.6 | 52.0 | 58.5 | 56.5 | 57.4 | 56.8 |
| 14:00 - 15:00 | 60.4 | 57.6 | 52.8 | 55.6 | 57.8 | 57.5 | 55.5 |
| 15:00 - 16:00 | 57.2 | 57.3 | 53.4 | 55.7 | 56.0 | 56.5 | 58.3 |
| 16:00 - 17:00 | 58.3 | 54.8 | 52.7 | 56.0 | 52.6 | 53.4 | 58.1 |
| 17:00 - 18:00 | 53.7 | 53.3 | 53.6 | 55.1 | 52.7 | 52.4 | 56.4 |
| 18:00 - 19:00 | 54.2 | 53.6 | 54.5 | 54.2 | 54.5 | 54.0 | 54.0 |
| 19:00 - 20:00 | 54.8 | 54.6 | 54.5 | 54.6 | 55.8 | 55.1 | 55.5 |
| 20:00 - 21:00 | 55.6 | 54.9 | 54.6 | 54.8 | 56.0 | 54.7 | 55.0 |
| 21:00 - 22:00 | 54.4 | 54.8 | 54.8 | 54.5 | 55.5 | 54.6 | 54.3 |
| 22:00 - 23:00 | 55.3 | 55.3 | 55.0 | 54.4 | 55.2 | 54.3 | 54.3 |
| 23:00 - 00:00 | 54.4 | 55.1 | 54.3 | 54.3 | 55.1 | 54.1 | 54.1 |
| 00:00 - 01:00 | 53.9 | 54.9 | 54.3 | 54.7 | 55.0 | 54.1 | 54.1 |
| 01:00 - 02:00 | 53.7 | 54.5 | 54.0 | 54.5 | 54.7 | 54.0 | 54.1 |
| 02:00 - 03:00 | 53.4 | 54.6 | 54.3 | 54.5 | 54.9 | 53.8 | 54.0 |
| 03:00 - 04:00 | 53.3 | 54.4 | 54.4 | 54.1 | 54.3 | 53.4 | 53.5 |
| 04:00 - 05:00 | 53.6 | 54.4 | 54.5 | 54.6 | 54.4 | 53.5 | 53.8 |
| 05:00 - 06:00 | 54.0 | 54.6 | 54.3 | 54.7 | 54.6 | 53.5 | 53.8 |
| 06:00 - 07:00 | 54.8 | 55.2 | 54.7 | 55.1 | 55.3 | 54.1 | 54.6 |
| 07:00 - 08:00 | 54.9 | 55.2 | 55.0 | 55.9 | 56.9 | 55.5 | 55.0 |
| 08:00 - 09:00 | 55.5 | 58.0 | 55.4 | 57.0 | 58.6 | 57.2 | 56.8 |
| Leq(24)* | 56.3 | 55.9 | 54.9 | 55.8 | 55.7 | 55.3 | 55.6 |
| Ldn | 61.1 | 61.5 | 61.0 | 61.3 | 61.5 | 60.6 | 60.9 |
| Lmax ** | 87.0 | 85.9 | 80.2 | 81.6 | 83.3 | 80.9 | 79.0 |
| Standard-24Hr | 70 dB(A) | | | | | | |
| Standard-Max | 115 dB(A) | | | | | | |

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

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


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team




Noise Monitoring Result : Background Noise MTR-CCE

| | | | | | | | |
|--|----------------|----------------|----------------|---------------------------------|----------------|----------------|----------------|
| Location : North Fence of Project | | | | Monitor Period : 21-28 Mar 2025 | | | |
| SLM Model : Cirrus CR162B | | | | Serial No : G302738 | | | |
| Site Operator : Mr. Phuwadech Kaewjirakulsri | | | | | | | |
| | | | | | | | |
| Calibrator Model : Cirrus CR:515 | | | | Serial No : 97097 | | | |
| Calibration Ref dB(A) : 94.0 | | | | Certified Date : 02 Oct 2024 | | | |
| SLM Reading / Adjust dB(A) : 93.7/0.0 | | | | Expire Date : 01 Oct 2025 | | | |
| Cal Sheet No.: CR-515-2025-077 | | | | | | | |
| Time | L90 (dB(A)) | | | | | | |
| | 21-22 Mar 2025 | 22-23 Mar 2025 | 23-24 Mar 2025 | 24-25 Mar 2025 | 25-26 Mar 2025 | 26-27 Mar 2025 | 27-28 Mar 2025 |
| 09:00 - 10:00 | 54.8 | 52.3 | 51.8 | 52.4 | 52.3 | 52.4 | 53.0 |
| 10:00 - 11:00 | 53.3 | 51.9 | 51.6 | 51.9 | 50.7 | 51.5 | 51.1 |
| 11:00 - 12:00 | 52.5 | 52.1 | 51.8 | 52.0 | 50.7 | 51.0 | 51.0 |
| 12:00 - 13:00 | 52.7 | 52.2 | 51.2 | 52.5 | 50.0 | 50.9 | 51.2 |
| 13:00 - 14:00 | 52.7 | 52.8 | 51.1 | 52.4 | 50.7 | 51.1 | 50.0 |
| 14:00 - 15:00 | 52.5 | 52.1 | 51.4 | 52.5 | 51.6 | 51.3 | 50.4 |
| 15:00 - 16:00 | 52.1 | 51.9 | 52.1 | 52.9 | 51.1 | 50.9 | 52.2 |
| 16:00 - 17:00 | 52.2 | 51.8 | 51.9 | 53.1 | 51.2 | 50.7 | 52.8 |
| 17:00 - 18:00 | 52.6 | 52.2 | 52.7 | 52.9 | 51.6 | 51.3 | 51.9 |
| 18:00 - 19:00 | 53.2 | 52.8 | 53.4 | 53.5 | 52.9 | 52.2 | 51.9 |
| 19:00 - 20:00 | 53.9 | 53.2 | 53.9 | 53.9 | 54.6 | 54.0 | 54.2 |
| 20:00 - 21:00 | 53.8 | 54.1 | 53.9 | 54.1 | 54.8 | 53.9 | 54.1 |
| 21:00 - 22:00 | 53.6 | 54.3 | 54.1 | 53.8 | 54.6 | 53.9 | 53.7 |
| 22:00 - 23:00 | 54.3 | 54.5 | 54.0 | 53.8 | 54.6 | 53.8 | 53.6 |
| 23:00 - 00:00 | 53.6 | 54.3 | 53.9 | 54.0 | 54.5 | 53.6 | 53.6 |
| 00:00 - 01:00 | 53.2 | 54.2 | 53.8 | 53.9 | 54.2 | 53.6 | 53.6 |
| 01:00 - 02:00 | 53.2 | 54.2 | 53.7 | 53.9 | 54.3 | 53.5 | 53.7 |
| 02:00 - 03:00 | 52.9 | 54.1 | 53.7 | 53.9 | 54.3 | 53.4 | 53.5 |
| 03:00 - 04:00 | 52.8 | 54.0 | 54.0 | 53.7 | 53.9 | 53.0 | 53.1 |
| 04:00 - 05:00 | 53.2 | 54.0 | 54.0 | 53.9 | 53.9 | 53.1 | 53.4 |
| 05:00 - 06:00 | 53.2 | 54.1 | 53.8 | 54.1 | 54.1 | 53.1 | 53.4 |
| 06:00 - 07:00 | 53.5 | 54.2 | 53.9 | 54.1 | 54.3 | 53.3 | 53.6 |
| 07:00 - 08:00 | 53.2 | 54.4 | 54.0 | 54.2 | 54.4 | 53.6 | 53.4 |
| 08:00 - 09:00 | 52.4 | 52.8 | 53.1 | 53.9 | 54.4 | 53.5 | 53.6 |
| | | | | | | | |
| L90(avg)* | 53.2 | 53.4 | 53.2 | 53.4 | 53.3 | 52.8 | 52.9 |

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


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team

คุณภาพน้ำทิ้ง



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

WATER AND WASTEWATER ANALYSIS REPORT

| | | | |
|----------------------|---|---------------------|------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REQUEST SERVICE No. | : 0059/68 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING METHOD | : Grab |
| SAMPLING DATE | : 09/01/2025 | SAMPLING TIME | : 10:38 |
| RECEIVED DATE | : 10/01/2025 | ANALYTICAL DATE | : 10-18/01/2025 |
| REPORT DATE | : 18/01/2025 | SITE OPERATOR | : Mr. Baworn Deechaiya |
| SAMPLE CONDITION | : Normal | FILE CODE | : 225013_WW_January |
| LOCATION DESCRIPTION | : 1 = บ่อพักน้ำทิ้งที่ 1 (Holding Pond 1) | | |

| PARAMETER | UNIT | ANALYSIS METHODS | ND | STATION | STANDARD ^{1), 2)} |
|------------------------|------|-------------------------|------------------|---------|----------------------------|
| | | | (non-detectable) | 1 | |
| Temperature | °C | 2550 B | < 0.5 | 25.4 | ≤ 45 |
| pH | - | 4500-H ⁺ B | < 0.10 | 7.79 | 5.5-9.0 |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1.775 | ≤ 3,000 |
| Total Suspended Solids | mg/l | 2540 D | < 2.5 | 3.8 | ≤ 200 |
| Fat Oil & Grease | mg/l | 5520 B | < 2.0 | ND | ≤ 10 |
| TKN | mg/l | 4500-N _{org} B | < 0.20 | 3.0 | ≤ 100 |
| BOD ₅ | mg/l | 5210 B | < 1.0 | 2.7 | ≤ 500 |
| COD | mg/l | 5220 D | < 40.00 | 56.15 | ≤ 750 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED., 2017 (AWWA, APHA, WEF)



(Miss Pornnapa Budthum)

Analyst

REG. NO. ๖-239-๓-0018



(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ท-0004

- Remark :**
1. Reported analysis refers to submitted sample only.
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 4. ²⁾ The value was assigned in EIA report.
 5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

| | | | |
|----------------------|---|---------------------|------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REQUEST SERVICE No. | : 0059/68 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING METHOD | : Grab |
| SAMPLING DATE | : 09/01/2025 | SAMPLING TIME | : 10:38 |
| RECEIVED DATE | : 10/01/2025 | ANALYTICAL DATE | : 10-14/01/2025 |
| REPORT DATE | : 18/01/2025 | SITE OPERATOR | : Mr. Baworn Deechaiya |
| SAMPLE CONDITION | : Normal | FILE CODE | : 225013_WW_January |
| LOCATION DESCRIPTION | : 1 = บ่อพักน้ำทิ้งที่ 1 (Holding Pond 1) | | |

| PARAMETER | UNIT | ANALYSIS METHODS | ND | STATION | STANDARD ^{1), 2)} |
|----------------|------|------------------|------------------|---------|----------------------------|
| | | | (non-detectable) | 1 | |
| Arsenic (As) | mg/l | 3114 C | < 0.0001 | 0.0050 | ≤ 0.25 |
| Cadmium (Cd) | mg/l | 3120 B | < 0.001 | ND | ≤ 0.03 |
| Iron (Fe)* | mg/l | 3120 B | < 0.004 | 0.15 | ≤ 10 ²⁾ |
| Lead (Pb) | mg/l | 3120 B | < 0.008 | 0.03 | ≤ 0.2 |
| Manganese (Mn) | mg/l | 3120 B | < 0.001 | 0.03 | ≤ 5 |
| Mercury (Hg) | mg/l | 3112 B | < 0.0005 | ND | ≤ 0.005 |
| Zinc (Zn) | mg/l | 3120 B | < 0.003 | 0.29 | ≤ 5 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED., 2017 (AWWA, APHA, WEF)



(Miss Krisana Chanthoom)

Analyst

REG. NO. ๖-239-๓-0017



(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. ๖-239-ท-0004

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 5. * Not registered with the Department of Industrial Works.



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WATER AND WASTEWATER ANALYSIS REPORT

| | | | |
|----------------------|---|---------------------|------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REQUEST SERVICE No. | : 0059/68 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING METHOD | : Grab |
| SAMPLING DATE | : 09/01/2025 | SAMPLING TIME | : 10:33 |
| RECEIVED DATE | : 10/01/2025 | ANALYTICAL DATE | : 10-18/01/2025 |
| REPORT DATE | : 18/01/2025 | SITE OPERATOR | : Mr. Baworn Deechaiya |
| SAMPLE CONDITION | : Normal | FILE CODE | : 225013_WW_January |
| LOCATION DESCRIPTION | : 2 = บ่อพักน้ำทิ้งที่ 2 (Holding Pond 2) | | |

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1/, 2/} |
|------------------------|-------|-----------------------|------------------------|---------|---|
| | | | | 2 | |
| Temperature | °C | 2550 B | < 0.5 | 25.1 | ≤ 45 |
| pH | - | 4500-H ⁺ B | < 0.10 | 7.52 | 5.5-9.0 |
| Conductivity* | µS/cm | 2510 B | < 1.0 | 2,726 | - |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1,242 | ≤ 3,000 ^{1/} , ≤ 1,300 ^{2/} |
| Dissolved Oxygen* | mg/l | 4500-O G | < 0.1 | 5.8 | ≥ 4 ^{2/} |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

Pornapa Budthum

(Miss Pornnapa Budthum)

Analyst

REG. NO. 2-239-0-0018

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-0-0004

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6. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

| | | | |
|----------------------|---|---------------------|------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REQUEST SERVICE No. | : 0204/68 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING METHOD | : Grab |
| SAMPLING DATE | : 06/02/2025 | SAMPLING TIME | : 11:43 |
| RECEIVED DATE | : 07/02/2025 | ANALYTICAL DATE | : 07-15/02/2025 |
| REPORT DATE | : 17/02/2025 | SITE OPERATOR | : Mr. Baworn Deechaiya |
| SAMPLE CONDITION | : Normal | FILE CODE | : 225013_WW_February |
| LOCATION DESCRIPTION | : 1 = บ่อพักน้ำทิ้งที่ 1 (Holding Pond # 1) | | |

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1/, 2/} |
|------------------------|------|-------------------------|------------------------|---------|----------------------------|
| | | | | 1 | |
| Temperature | °C | 2550 B | < 0.5 | 28.4 | ≤ 45 |
| pH | - | 4500-H ⁺ B | < 0.10 | 7.64 | 5.5-9.0 |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1.910 | ≤ 3,000 |
| Total Suspended Solids | mg/l | 2540 D | < 2.5 | 22 | ≤ 200 |
| Fat Oil & Grease | mg/l | 5520 B | < 2.0 | ND | ≤ 10 |
| TKN | mg/l | 4500-N _{org} B | < 0.20 | 4.2 | ≤ 100 |
| BOD ₅ | mg/l | 5210 B | < 1.0 | 4.5 | ≤ 500 |
| COD | mg/l | 5220 D | < 40.00 | 57.44 | ≤ 750 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

Pornapa Budthum

(Miss Pornnapa Budthum)

Analyst

REG. NO. 2-239-0-0018

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-0-0004

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4. ^{2/} The value was assigned in EIA report.
5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 0204/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 06/02/2025 SAMPLING TIME : 11:43
RECEIVED DATE : 07/02/2025 ANALYTICAL DATE : 07-14/02/2025
REPORT DATE : 17/02/2025 SITE OPERATOR : Mr. Baworn Deechaiya
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_February
LOCATION DESCRIPTION : 1 = บ่อพักน้ำทิ้งที่ 1 (Holding Pond # 1)

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1), 2)} |
|----------------|------|---------------------|------------------------|---------|----------------------------|
| | | | | 1 | |
| Arsenic (As) | mg/l | 3114 C | < 0.0001 | 0.0024 | ≤ 0.25 |
| Cadmium (Cd) | mg/l | 3120 B | < 0.001 | ND | ≤ 0.03 |
| Iron (Fe)* | mg/l | 3120 B | < 0.004 | 0.45 | ≤ 10 ²⁾ |
| Lead (Pb) | mg/l | 3120 B | < 0.008 | 0.06 | ≤ 0.2 |
| Manganese (Mn) | mg/l | 3120 B | < 0.001 | 0.03 | ≤ 5 |
| Mercury (Hg) | mg/l | 3112 B | < 0.0005 | ND | ≤ 0.005 |
| Zinc (Zn) | mg/l | 3120 B | < 0.003 | 0.10 | ≤ 5 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

(Miss Krisana Chanthoom)

Analyst

REG. NO. 2-239-ก-0017

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-ก-0004

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

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5. * Not registered with the Department of Industrial Works.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 0204/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 06/02/2025 SAMPLING TIME : 11:51
RECEIVED DATE : 07/02/2025 ANALYTICAL DATE : 07-15/02/2025
REPORT DATE : 17/02/2025 SITE OPERATOR : Mr. Baworn Deechaiya
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_February
LOCATION DESCRIPTION : 2 = บ่อพักน้ำทิ้งที่ 2 (Holding Pond # 2)

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1), 2)} |
|------------------------|-------|-----------------------|------------------------|---------|---|
| | | | | 2 | |
| Temperature | °C | 2550 B | < 0.5 | 29.1 | ≤ 45 |
| pH | - | 4500-H ⁺ B | < 0.10 | 7.81 | 5.5-9.0 |
| Conductivity* | µS/cm | 2510 B | < 1.0 | 1,724 | - |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1,142 | ≤ 3,000 ¹⁾ , ≤ 1,300 ²⁾ |
| Dissolved Oxygen* | mg/l | 4500-O G | < 0.1 | 5.0 | ≥ 4 ²⁾ |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

(Miss Pornnapa Budthum)

Analyst

REG. NO. 2-239-ก-0018

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-ก-0004

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

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3. ¹⁾ Notification of the Industrial Estate Authority of Thailand No.029, B.E.2567 (2024).

4. ²⁾ The value was assigned in EIA report.

5. * Not registered with the Department of Industrial Works.

6. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

| | | | |
|----------------------|---|---------------------|----------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REQUEST SERVICE No. | : 0534/68 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING METHOD | : Grab |
| SAMPLING DATE | : 21/03/2025 | SAMPLING TIME | : 10:02 |
| RECEIVED DATE | : 22/03/2025 | ANALYTICAL DATE | : 22-28/03/2025 |
| REPORT DATE | : 28/03/2025 | SITE OPERATOR | : Mr.Chanapon Oakkharaplon |
| SAMPLE CONDITION | : Normal | FILE CODE | : 225013_WW_March |
| LOCATION DESCRIPTION | : 1 = บ่อกักน้ำทิ้งที่ 1 (Holding Pond # 1) | | |

| PARAMETER | UNIT | ANALYSIS METHODS | ND | STATION | STANDARD ^{1), 2)} |
|------------------------|------|-------------------------|------------------|---------|----------------------------|
| | | | (non-detectable) | I | |
| Temperature | °C | 2550 B | < 0.5 | 28.0 | ≤ 45 |
| pH | | 4500-H ⁺ B | < 0.10 | 7.51 | 5.5-9.0 |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1.854 | ≤ 3,000 |
| Total Suspended Solids | mg/l | 2540 D | < 2.5 | 17 | ≤ 200 |
| Fat Oil & Grease | mg/l | 5520 B | < 2.0 | ND | ≤ 10 |
| TKN | mg/l | 4500-N _{org} B | < 0.20 | 14.2 | ≤ 100 |
| BOD ₅ | mg/l | 5210 B | < 1.0 | 7.1 | ≤ 500 |
| COD | mg/l | 5220 D | < 40.00 | 49.47 | ≤ 750 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

(Miss Pornnapa Budthum)

Analyst
REG. NO. 2-239-ก-0018

(Mrs. Araya Tipparuk)

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REG. NO. 2-239-ก-0004

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WATER AND WASTEWATER ANALYSIS REPORT

| | | | |
|----------------------|---|---------------------|----------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REQUEST SERVICE No. | : 0534/68 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING METHOD | : Grab |
| SAMPLING DATE | : 21/03/2025 | SAMPLING TIME | : 10:02 |
| RECEIVED DATE | : 22/03/2025 | ANALYTICAL DATE | : 22-28/03/2025 |
| REPORT DATE | : 28/03/2025 | SITE OPERATOR | : Mr.Chanapon Oakkharaplon |
| SAMPLE CONDITION | : Normal | FILE CODE | : 225013_WW_March |
| LOCATION DESCRIPTION | : 1 = บ่อกักน้ำทิ้งที่ 1 (Holding Pond # 1) | | |

| PARAMETER | UNIT | ANALYSIS METHODS | ND | STATION | STANDARD ^{1), 2)} |
|----------------|------|------------------|------------------|---------|----------------------------|
| | | | (non-detectable) | I | |
| Arsenic (As) | mg/l | 3114 C | < 0.0001 | 0.0020 | ≤ 0.25 |
| Cadmium (Cd) | mg/l | 3120 B | < 0.001 | ND | ≤ 0.03 |
| Iron (Fe)* | mg/l | 3120 B | < 0.004 | 1.40 | ≤ 10 ^{2/} |
| Lead (Pb) | mg/l | 3120 B | < 0.008 | 0.13 | ≤ 0.2 |
| Manganese (Mn) | mg/l | 3120 B | < 0.001 | 0.06 | ≤ 5 |
| Mercury (Hg) | mg/l | 3112 B | < 0.0005 | ND | ≤ 0.005 |
| Zinc (Zn) | mg/l | 3120 B | < 0.003 | 0.28 | ≤ 5 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

(Miss Pornnapa Budthum)

Analyst
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(Mrs. Araya Tipparuk)

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REG. NO. 2-239-ก-0004

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WATER AND WASTEWATER ANALYSIS REPORT

| | | | |
|----------------------|---|---------------------|----------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REQUEST SERVICE No. | : 0534/68 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING METHOD | : Grab |
| SAMPLING DATE | : 21/03/2025 | SAMPLING TIME | : 10:07 |
| RECEIVED DATE | : 22/03/2025 | ANALYTICAL DATE | : 22-28/03/2025 |
| REPORT DATE | : 28/03/2025 | SITE OPERATOR | : Mr.Chanapon Oakkharaplon |
| SAMPLE CONDITION | : Normal | FILE CODE | : 225013_WW_March |
| LOCATION DESCRIPTION | : 2 = บ่อกักน้ำทิ้งที่ 2 (Holding Pond # 2) | | |

| PARAMETER | UNIT | ANALYSIS METHODS | ND | STATION | STANDARD ^{1/, 2/} |
|------------------------|-------|-----------------------|------------------|---------|---|
| | | | (non-detectable) | 2 | |
| Temperature | °C | 2550 B | < 0.5 | 24.6 | ≤ 45 |
| pH | - | 4500-H ⁺ B | < 0.10 | 8.43 | 5.5-9.0 |
| Conductivity* | µS/cm | 2510 B | < 1.0 | 996 | - |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 600 | ≤ 3,000 ^{1/} , ≤ 1,300 ^{2/} |
| Dissolved Oxygen* | mg/l | 4500-O G | < 0.1 | 6.6 | ≥ 4 ^{2/} |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

(Miss Pornnapa Budthum)

Analyst

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(Mrs. Araya Tipparuk)

Technical Management Team

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WATER AND WASTEWATER ANALYSIS REPORT

| | | | |
|----------------------|---|---------------------|--------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REQUEST SERVICE No. | : 0596/68 |
| SAMPLING BY | : SECOT Co., Ltd. | SAMPLING METHOD | : Grab |
| SAMPLING DATE | : 03/04/2025 | SAMPLING TIME | : 10:15 |
| RECEIVED DATE | : 04/04/2025 | ANALYTICAL DATE | : 04-10/04/2025 |
| REPORT DATE | : 10/04/2025 | SITE OPERATOR | : Mr. Chitpon Somprasong |
| SAMPLE CONDITION | : Normal | FILE CODE | : 225013_WW_April |
| LOCATION DESCRIPTION | : 1 = บ่อกักน้ำทิ้งที่ 1 (Holding Pond # 1) | | |

| PARAMETER | UNIT | ANALYSIS METHODS | ND | STATION | STANDARD ^{1/, 2/} |
|------------------------|------|-------------------------|------------------|---------|----------------------------|
| | | | (non-detectable) | 1 | |
| Temperature | °C | 2550 B | < 0.5 | 29.8 | ≤ 45 |
| pH | - | 4500-H ⁺ B | < 0.10 | 8.27 | 5.5-9.0 |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 2,560 | ≤ 3,000 |
| Total Suspended Solids | mg/l | 2540 D | < 2.5 | 2.8 | ≤ 200 |
| Fat Oil & Grease | mg/l | 5520 B | < 2.0 | ND | ≤ 10 |
| TKN | mg/l | 4500-N _{org} B | < 0.20 | 4.2 | ≤ 100 |
| BOD ₅ | mg/l | 5210 B | < 1.0 | 3.6 | ≤ 500 |
| COD | mg/l | 5220 D | < 40.00 | 51.09 | ≤ 750 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

(Miss Pornnapa Budthum)

Analyst

REG. NO. 7-239-ก-0018

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 0596/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 03/04/2025 SAMPLING TIME : 10:15
RECEIVED DATE : 04/04/2025 ANALYTICAL DATE : 05-09/04/2025
REPORT DATE : 10/04/2025 SITE OPERATOR : Mr. Chitpon Somprasong
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_April
LOCATION DESCRIPTION : 1 = บ่อพักน้ำทิ้งที่ 1 (Holding Pond # 1)

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1/, 2/} |
|----------------|------|------------------|------------------------|---------|----------------------------|
| | | | | 1 | |
| Arsenic (As) | mg/l | 3114 C | < 0.0001 | 0.0034 | ≤ 0.25 |
| Cadmium (Cd) | mg/l | 3120 B | < 0.001 | ND | ≤ 0.03 |
| Iron (Fe)* | mg/l | 3120 B | < 0.004 | 0.15 | ≤ 10 ^{2/} |
| Lead (Pb) | mg/l | 3120 B | < 0.008 | < 0.03 | ≤ 0.2 |
| Manganese (Mn) | mg/l | 3120 B | < 0.001 | 0.02 | ≤ 5 |
| Mercury (Hg) | mg/l | 3112 B | < 0.0005 | ND | ≤ 0.005 |
| Zinc (Zn) | mg/l | 3120 B | < 0.003 | 0.14 | ≤ 5 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 0596/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 03/04/2025 SAMPLING TIME : 10:21
RECEIVED DATE : 04/04/2025 ANALYTICAL DATE : 04-10/04/2025
REPORT DATE : 10/04/2025 SITE OPERATOR : Mr. Chitpon Somprasong
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_April
LOCATION DESCRIPTION : 2 = บ่อพักน้ำทิ้งที่ 2 (Holding Pond # 2)

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1/, 2/} |
|------------------------|-------|-----------------------|------------------------|---------|---|
| | | | | 2 | |
| Temperature | °C | 2550 B | < 0.5 | 29.6 | ≤ 45 |
| pH | - | 4500-H ⁺ B | < 0.10 | 8.28 | 5.5-9.0 |
| Conductivity* | µS/cm | 2510 B | < 1.0 | 1,903 | - |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1,196 | ≤ 3,000 ^{1/} , ≤ 1,300 ^{2/} |
| Dissolved Oxygen* | mg/l | 4500-O G | < 0.1 | 6.1 | ≥ 4 ^{2/} |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 0823/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 08/05/2025 SAMPLING TIME : 10:23
RECEIVED DATE : 09/05/2025 ANALYTICAL DATE : 09-17/05/2025
REPORT DATE : 19/05/2025 SITE OPERATOR : Mr. Chitpon Somprasong
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_May
LOCATION DESCRIPTION : 1 = บ่อพักน้ำทิ้งที่ 1 (Holding Pond # 1)

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1), 2)} |
|------------------------|------|-------------------------|------------------------|---------|----------------------------|
| | | | | 1 | |
| Temperature | °C | 2550 B | < 0.5 | 31.9 | ≤ 45 |
| pH | - | 4500-H ⁺ B | < 0.10 | 7.50 | 5.5-9.0 |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1.176 | ≤ 3,000 |
| Total Suspended Solids | mg/l | 2540 D | < 2.5 | 12 | ≤ 200 |
| Fat Oil & Grease | mg/l | 5520 B | < 2.0 | ND | ≤ 10 |
| TKN | mg/l | 4500-N _{org} B | < 0.20 | 7.9 | ≤ 100 |
| BOD ₅ | mg/l | 5210 B | < 1.0 | 4.5 | ≤ 500 |
| COD | mg/l | 5220 D | < 40.00 | 74.65 | ≤ 750 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

(Miss Pornnapa Budthum)

Analyst
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(Mrs. Araya Tipparuk)
Technical Management Team
REG. NO. 2-239-ก-0004

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 0823/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 08/05/2025 SAMPLING TIME : 10:23
RECEIVED DATE : 09/05/2025 ANALYTICAL DATE : 09-16/05/2025
REPORT DATE : 19/05/2025 SITE OPERATOR : Mr. Chitpon Somprasong
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_May
LOCATION DESCRIPTION : 1 = บ่อพักน้ำทิ้งที่ 1 (Holding Pond # 1)

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1), 2)} |
|----------------|------|---------------------|------------------------|---------|----------------------------|
| | | | | 1 | |
| Arsenic (As) | mg/l | 3114 C | < 0.0001 | 0.0049 | ≤ 0.25 |
| Cadmium (Cd) | mg/l | 3120 B | < 0.001 | ND | ≤ 0.03 |
| Iron (Fe)* | mg/l | 3120 B | < 0.004 | 0.59 | ≤ 10 ²⁾ |
| Lead (Pb) | mg/l | 3120 B | < 0.008 | < 0.03 | ≤ 0.2 |
| Manganese (Mn) | mg/l | 3120 B | < 0.001 | 0.09 | ≤ 5 |
| Mercury (Hg) | mg/l | 3112 B | < 0.0005 | ND | ≤ 0.005 |
| Zinc (Zn) | mg/l | 3120 B | < 0.003 | 0.22 | ≤ 5 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED. 2017 (AWWA, APHA, WEF)

(Miss Pornnapa Budthum)

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 0823/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 08/05/2025 SAMPLING TIME : 10:25
RECEIVED DATE : 09/05/2025 ANALYTICAL DATE : 09-17/05/2025
REPORT DATE : 19/05/2025 SITE OPERATOR : Mr. Chitpon Somprasong
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_May
LOCATION DESCRIPTION : 2 = บ่อพักน้ำทิ้งที่ 2 (Holding Pond # 2)

| PARAMETER | UNIT | ANALYSIS METHODS | ND | STATION | STANDARD ^{1/, 2/} |
|------------------------|-------|-----------------------|------------------|---------|---|
| | | | (non-detectable) | 2 | |
| Temperature | °C | 2550 B | < 0.5 | 32.1 | ≤ 45 |
| pH | - | 4500-H ¹ B | < 0.10 | 8.04 | 5.5-9.0 |
| Conductivity* | µS/cm | 2510 B | < 1.0 | 1,881 | - |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1,250 | ≤ 3,000 ^{1/} , ≤ 1,300 ^{2/} |
| Dissolved Oxygen* | mg/l | 4500-O G | < 0.1 | 4.6 | ≥ 4 ^{2/} |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED, 2017 (AWWA, APHA, WEF)

Pornapa Budthum

(Miss Pornapa Budthum)

Analyst

REG. NO. 7-239-ก-0018

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

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

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 1030/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 05/06/2025 SAMPLING TIME : 10:25
RECEIVED DATE : 06/06/2025 ANALYTICAL DATE : 06-13/06/2025
REPORT DATE : 13/06/2025 SITE OPERATOR : Miss Salisa Ainree
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_June
LOCATION DESCRIPTION : 1 = บ่อพักน้ำทิ้งที่ 1 (Holding Pond # 1)

| PARAMETER | UNIT | ANALYSIS METHODS | ND | STATION | STANDARD ^{1/, 2/} |
|------------------------|------|-------------------------|------------------|---------|----------------------------|
| | | | (non-detectable) | 1 | |
| Temperature | °C | 2550 B | < 0.5 | 31.1 | ≤ 45 |
| pH | - | 4500-H ¹ B | < 0.10 | 8.02 | 5.5-9.0 |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1,264 | ≤ 3,000 |
| Total Suspended Solids | mg/l | 2540 D | < 2.5 | 4.2 | ≤ 200 |
| Fat Oil & Grease | mg/l | 5520 B | < 2.0 | ND | ≤ 10 |
| TKN | mg/l | 4500-N _{org} B | < 0.20 | 2.3 | ≤ 100 |
| BOD ₅ | mg/l | 5210 B | < 1.0 | 1.3 | ≤ 500 |
| COD | mg/l | 5220 D | < 40.00 | 52.71 | ≤ 750 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 21st ED, 2017 (AWWA, APHA, WEF)

Pornapa Budthum

(Miss Pornapa Budthum)

Analyst

REG. NO. 7-239-ก-0018

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

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

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

3. ^{1/} Notification of the Industrial Estate Authority of Thailand No.029, B.E.2567 (2024).

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

5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 1030/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 05/06/2025 SAMPLING TIME : 10:25
RECEIVED DATE : 06/06/2025 ANALYTICAL DATE : 06-12/06/2025
REPORT DATE : 13/06/2025 SITE OPERATOR : Miss Salisa Ainree
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_June

LOCATION DESCRIPTION : 1 = บ่อพักน้ำทิ้งที่ 1 (Holding Pond # 1)

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1/, 2/} |
|----------------|------|------------------|---------------------|---------|----------------------------|
| | | | | 1 | |
| Arsenic (As) | mg/l | 3114 C | < 0.0001 | 0.0094 | ≤ 0.25 |
| Cadmium (Cd) | mg/l | 3120 B | < 0.001 | ND | ≤ 0.03 |
| Iron (Fe)* | mg/l | 3120 B | < 0.004 | 0.16 | ≤ 10 ^{2/} |
| Lead (Pb) | mg/l | 3120 B | < 0.008 | ND | ≤ 0.2 |
| Manganese (Mn) | mg/l | 3120 B | < 0.001 | 0.06 | ≤ 5 |
| Mercury (Hg) | mg/l | 3112 B | < 0.0005 | ND | ≤ 0.005 |
| Zinc (Zn) | mg/l | 3120 B | < 0.003 | 0.29 | ≤ 5 |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

Pornapa Budthum

(Miss Pornapa Budthum)

Analyst

REG. NO. 2-239-9-0018

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-9-0004

- Remark :
1. Reported analysis refers to submitted sample only.
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 4. ^{2/} The value was assigned in EIA report.
 5. * Not registered with the Department of Industrial Works.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REQUEST SERVICE No. : 1030/68
SAMPLING BY : SECOT Co., Ltd. SAMPLING METHOD : Grab
SAMPLING DATE : 05/06/2025 SAMPLING TIME : 10:29
RECEIVED DATE : 06/06/2025 ANALYTICAL DATE : 06-13/06/2025
REPORT DATE : 13/06/2025 SITE OPERATOR : Miss Salisa Ainree
SAMPLE CONDITION : Normal FILE CODE : 225013_WW_June

LOCATION DESCRIPTION : 2 = บ่อพักน้ำทิ้งที่ 2 (Holding Pond # 2)

| PARAMETER | UNIT | ANALYSIS METHODS | ND (non-detectable) | STATION | STANDARD ^{1/, 2/} |
|------------------------|-------|-----------------------|---------------------|---------|---|
| | | | | 2 | |
| Temperature | °C | 2550 B | < 0.5 | 30.2 | ≤ 45 |
| pH | - | 4500-H ⁺ B | < 0.10 | 8.19 | 5.5-9.0 |
| Conductivity* | µS/cm | 2510 B | < 1.0 | 1,444 | - |
| Total Dissolved Solids | mg/l | 2540 C | < 25 | 1,278 | ≤ 3,000 ^{1/} , ≤ 1,300 ^{2/} |
| Dissolved Oxygen* | mg/l | 4500-O G | < 0.1 | 4.9 | ≥ 4 ^{2/} |

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED. 2017 (AWWA, APHA, WEF)

Pornapa Budthum

(Miss Pornapa Budthum)

Analyst

REG. NO. 2-239-9-0018

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-9-0004

- Remark :
1. Reported analysis refers to submitted sample only.
 2. This report shall not be reproduced, except in full, without official approval.
 3. ^{1/} Notification of the Industrial Estate Authority of Thailand No.029, B.E.2567 (2024).
 4. ^{2/} The value was assigned in EIA report.
 5. * Not registered with the Department of Industrial Works.
 6. - Not available.

คุณภาพอากาศในที่ทำงาน



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ANALYSIS/TEST REPORT

| | | | |
|----------|--|---------------------|--------------|
| Customer | : RND/SECOT Co., Ltd. | Request Service No. | : 0542/68 |
| For | : Chonburi Clean Energy Co., Ltd. | Sampling Date | : 21/03/2025 |
| Address | : 40/5 , Moo. 8, WHA Chonburi Industrial Estate 1, Bowin Sub-District, Sriracha District, Chonburi Province 20230 | Received Date | : 24/03/2025 |
| | | Test Date | : 27/03/2025 |
| Tel/Fax | : 0-3314-0300 | Report Date | : 03/04/2025 |

SAMPLE DESCRIPTION / SAMPLING INFORMATION

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

| Sampling Location | Sampling Date/Time | Compound | Analytical Method | ND mg/m ³ | RESULT mg/m ³ | STANDARD mg/m ³ |
|--|---------------------------|-----------------|--------------------------|-------------------------|-----------------------------|-------------------------------|
| Industrial waste receiving area (บริเวณพื้นที่รับกากอุตสาหกรรม) | 21/03/2025 09:50-11:50 | Respirable dust | NIOSH 0600 /Microbalance | < 0.25 | ND | 3 |
| Industrial waste receiving area (บริเวณพื้นที่รับกากอุตสาหกรรม) | 21/03/2025 09:50-11:50 | Total dust | NIOSH 0500 /Microbalance | < 0.25 | ND | 10 |

Analyst By: Bompa Puthum
(Miss Pornnapa Budthum)

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

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

2. This report shall not be reproduced, except in full, without official approval.
3. Standard of the American Conference of Governmental Industrial Hygienists 2025 : ACGIH 2025.
4. ND = non-detectable.



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ANALYSIS/TEST REPORT

| | | | |
|----------|--|---------------------|--------------|
| Customer | : RND/SECOT Co., Ltd. | Request Service No. | : 0900/68 |
| For | : Chonburi Clean Energy Co., Ltd. | Sampling Date | : 16/05/2025 |
| Address | : 40/5 , Moo. 8, WHA Chonburi Industrial Estate 1, Bowin Sub-District, Sriracha District, Chonburi Province 20230 | Received Date | : 17/05/2025 |
| | | Test Date | : 19/05/2025 |
| Tel/Fax | : 0-3314-0300 | Report Date | : 28/05/2025 |

SAMPLE DESCRIPTION / SAMPLING INFORMATION

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

| Sampling Location | Sampling Date/Time | Compound | Analytical Method | ND mg/m ³ | RESULT mg/m ³ | STANDARD mg/m ³ |
|--|---------------------------|-----------------|--------------------------|-------------------------|-----------------------------|-------------------------------|
| Industrial waste receiving area (บริเวณพื้นที่รับกากอุตสาหกรรม) | 16/05/2025 08:00-09:30 | Respirable dust | NIOSH 0600 /Microbalance | < 0.25 | ND | 3 |
| Industrial waste receiving area (บริเวณพื้นที่รับกากอุตสาหกรรม) | 16/05/2025 08:00-09:30 | Total dust | NIOSH 0500 /Microbalance | < 0.25 | ND | 10 |

Analyst By: Bompa Puthum
(Miss Pornnapa Budthum)

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

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

2. This report shall not be reproduced, except in full, without official approval.
3. Standard of the American Conference of Governmental Industrial Hygienists 2025 : ACGIH 2025.
4. ND = non-detectable.

ระดับเสียงภายในสถานที่ทำงาน



Noise Monitoring Result : Working Noise

MTR-CCE

| | | | |
|---------------|-----------------------|------------------|--------------|
| LOCATION | : ST & Generator | MEASUREMENT DATE | : 21/03/2025 |
| SLM MODEL | : SCARLET TECH ST-21D | SERIAL No. | : 820725 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.8 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.8/0.0 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2502-0058-02 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 21/03/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | 84.5 | |
| 09:00 - 10:00 | 85.1 | |
| 10:00 - 11:00 | 85.0 | |
| 11:00 - 12:00 | 84.9 | |
| 12:00 - 13:00 | 85.0 | |
| 13:00 - 14:00 | 85.3 | |
| 14:00 - 15:00 | 84.7 | |
| 15:00 - 16:00 | 83.8 | |
| 16:00 - 17:00 | 83.8 | |
| 17:00 - 18:00 | 84.1 | |
| 18:00 - 19:00 | 84.3 | |
| 19:00 - 20:00 | 84.1 | |
| 20:00 - 21:00 | | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 84.6 | |
| Lmax | 88.3 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546



(Miss Katesarin Vorradetwittaya)
Environmental Scientist



(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE

| | | | |
|---------------|------------------------------|------------------|--------------|
| LOCATION | : Feed Pump of Boiler System | MEASUREMENT DATE | : 21/03/2025 |
| SLM MODEL | : Cirrus CR162B | SERIAL No. | : G302737 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

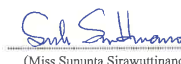
| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.7 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.7/0.0 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2502-0058-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 21/03/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | | |
| 09:00 - 10:00 | 77.2 | |
| 10:00 - 11:00 | 77.8 | |
| 11:00 - 12:00 | 77.7 | |
| 12:00 - 13:00 | 77.7 | |
| 13:00 - 14:00 | 77.7 | |
| 14:00 - 15:00 | 77.5 | |
| 15:00 - 16:00 | 77.5 | |
| 16:00 - 17:00 | 77.5 | |
| 17:00 - 18:00 | 77.6 | |
| 18:00 - 19:00 | 77.8 | |
| 19:00 - 20:00 | 77.6 | |
| 20:00 - 21:00 | 77.6 | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 77.6 | |
| Lmax | 79.6 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546



(Miss Katesarin Vorradetwittaya)
Environmental Scientist



(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE

| | | | |
|---------------|----------------------|------------------|--------------|
| LOCATION | : CW Pump | MEASUREMENT DATE | : 21/03/2025 |
| SLM MODEL | : Cirrus CR162B | SERIAL No. | : G302330 |
| SITE OPERATOR | : Miss Salisa Ainree | | |


| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.7 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.7/0.0 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2502-0058-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 21/03/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | | |
| 09:00 - 10:00 | 83.8 | |
| 10:00 - 11:00 | 82.6 | |
| 11:00 - 12:00 | 82.7 | |
| 12:00 - 13:00 | 82.9 | |
| 13:00 - 14:00 | 83.0 | |
| 14:00 - 15:00 | 83.0 | |
| 15:00 - 16:00 | 83.3 | |
| 16:00 - 17:00 | 83.6 | |
| 17:00 - 18:00 | 83.6 | |
| 18:00 - 19:00 | 83.7 | |
| 19:00 - 20:00 | 83.4 | |
| 20:00 - 21:00 | 83.5 | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |

| | |
|--------------|-----------|
| Leq(12) | 83.3 |
| Lmax | 107.9 |
| Standard* | 87 dB(A) |
| Standard-Max | 140 dB(A) |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE

| | | | |
|---------------|-----------------------|------------------|--------------|
| LOCATION | : Aeration Fan #1 | MEASUREMENT DATE | : 21/03/2025 |
| SLM MODEL | : SCARLET TECH ST-21D | SERIAL No. | : 820726 |
| SITE OPERATOR | : Miss Salisa Ainree | | |


| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.8 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.8/0.0 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2502-0058-02 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 21/03/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | 83.0 | |
| 09:00 - 10:00 | 84.0 | |
| 10:00 - 11:00 | 84.0 | |
| 11:00 - 12:00 | 83.7 | |
| 12:00 - 13:00 | 83.5 | |
| 13:00 - 14:00 | 84.3 | |
| 14:00 - 15:00 | 82.5 | |
| 15:00 - 16:00 | 82.0 | |
| 16:00 - 17:00 | 83.1 | |
| 17:00 - 18:00 | 86.4 | |
| 18:00 - 19:00 | 83.7 | |
| 19:00 - 20:00 | 83.5 | |
| 20:00 - 21:00 | | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |

| | |
|--------------|-----------|
| Leq(12) | 83.8 |
| Lmax | 96.8 |
| Standard* | 87 dB(A) |
| Standard-Max | 140 dB(A) |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE


| | | | |
|---------------|----------------------|------------------|--------------|
| LOCATION | : Aeration Fan #2 | MEASUREMENT DATE | : 21/03/2025 |
| SLM MODEL | : Cirrus CR162B | SERIAL No. | : G302742 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.7 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.7/0.0 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2502-0058-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 21/03/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | | |
| 09:00 - 10:00 | 83.1 | |
| 10:00 - 11:00 | 83.0 | |
| 11:00 - 12:00 | 83.0 | |
| 12:00 - 13:00 | 83.0 | |
| 13:00 - 14:00 | 83.0 | |
| 14:00 - 15:00 | 83.0 | |
| 15:00 - 16:00 | 82.8 | |
| 16:00 - 17:00 | 83.0 | |
| 17:00 - 18:00 | 82.8 | |
| 18:00 - 19:00 | 82.9 | |
| 19:00 - 20:00 | 82.9 | |
| 20:00 - 21:00 | 82.9 | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 83.0 | |
| Lmax | 94.0 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE


| | | | |
|---------------|------------------------------------|------------------|--------------|
| LOCATION | : Aeration Fan of Bag House System | MEASUREMENT DATE | : 21/03/2025 |
| SLM MODEL | : Cirrus CR162B | SERIAL No. | : G302237 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.7 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.7/0.0 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2502-0058-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 21/03/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | 76.8 | |
| 09:00 - 10:00 | 75.9 | |
| 10:00 - 11:00 | 74.6 | |
| 11:00 - 12:00 | 74.2 | |
| 12:00 - 13:00 | 74.2 | |
| 13:00 - 14:00 | 74.0 | |
| 14:00 - 15:00 | 74.4 | |
| 15:00 - 16:00 | 74.2 | |
| 16:00 - 17:00 | 74.9 | |
| 17:00 - 18:00 | 75.0 | |
| 18:00 - 19:00 | 75.1 | |
| 19:00 - 20:00 | 74.7 | |
| 20:00 - 21:00 | | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 74.9 | |
| Lmax | 87.9 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE


| | | | |
|---------------|------------------------|------------------|--------------|
| LOCATION | : ST & Generator | MEASUREMENT DATE | : 16/05/2025 |
| SLM MODEL | : SCARLET TECH ST-21D | SERIAL No. | : 820726 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.8 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.7/0.1 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2505-0048-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 16/05/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | 84.9 | |
| 09:00 - 10:00 | 85.0 | |
| 10:00 - 11:00 | 84.9 | |
| 11:00 - 12:00 | 84.8 | |
| 12:00 - 13:00 | 85.0 | |
| 13:00 - 14:00 | 85.1 | |
| 14:00 - 15:00 | 85.1 | |
| 15:00 - 16:00 | 85.0 | |
| 16:00 - 17:00 | 85.1 | |
| 17:00 - 18:00 | 85.0 | |
| 18:00 - 19:00 | 84.9 | |
| 19:00 - 20:00 | 85.2 | |
| 20:00 - 21:00 | | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 85.0 | |
| Lmax | 86.7 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradevitraya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE


| | | | |
|---------------|------------------------------|------------------|--------------|
| LOCATION | : Feed Pump of Boiler System | MEASUREMENT DATE | : 16/05/2025 |
| SLM MODEL | : SCARLET TECH ST-21D | SERIAL No. | : 820725 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.8 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.9/-0.1 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2505-0048-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 16/05/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | 81.5 | |
| 09:00 - 10:00 | 80.6 | |
| 10:00 - 11:00 | 80.1 | |
| 11:00 - 12:00 | 80.2 | |
| 12:00 - 13:00 | 80.2 | |
| 13:00 - 14:00 | 80.2 | |
| 14:00 - 15:00 | 81.0 | |
| 15:00 - 16:00 | 81.3 | |
| 16:00 - 17:00 | 81.4 | |
| 17:00 - 18:00 | 80.3 | |
| 18:00 - 19:00 | 81.2 | |
| 19:00 - 20:00 | 80.5 | |
| 20:00 - 21:00 | | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 80.7 | |
| Lmax | 84.6 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradevitraya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE


| | | | |
|---------------|------------------------|------------------|--------------|
| LOCATION | : CW Pump | MEASUREMENT DATE | : 16/05/2025 |
| SLM MODEL | : SCARLET TECH ST-21D | SERIAL No. | : 820728 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.8 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.6/0.2 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2505-0048-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 16/05/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | 82.1 | |
| 09:00 - 10:00 | 82.4 | |
| 10:00 - 11:00 | 82.5 | |
| 11:00 - 12:00 | 81.6 | |
| 12:00 - 13:00 | 81.7 | |
| 13:00 - 14:00 | 82.7 | |
| 14:00 - 15:00 | 83.3 | |
| 15:00 - 16:00 | 83.6 | |
| 16:00 - 17:00 | 83.4 | |
| 17:00 - 18:00 | 83.3 | |
| 18:00 - 19:00 | 83.2 | |
| 19:00 - 20:00 | 83.2 | |
| 20:00 - 21:00 | | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 82.8 | |
| Lmax | 99.8 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE


| | | | |
|---------------|------------------------|------------------|--------------|
| LOCATION | : Aeration Fan #1 | MEASUREMENT DATE | : 16/05/2025 |
| SLM MODEL | : Cirrus CR162C | SERIAL No. | : G300832 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.7 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.7/0.0 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2505-0048-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 16/05/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | 83.5 | |
| 09:00 - 10:00 | 83.4 | |
| 10:00 - 11:00 | 82.3 | |
| 11:00 - 12:00 | 81.4 | |
| 12:00 - 13:00 | 81.3 | |
| 13:00 - 14:00 | 83.2 | |
| 14:00 - 15:00 | 81.3 | |
| 15:00 - 16:00 | 80.5 | |
| 16:00 - 17:00 | 80.8 | |
| 17:00 - 18:00 | 82.4 | |
| 18:00 - 19:00 | 81.0 | |
| 19:00 - 20:00 | 81.4 | |
| 20:00 - 21:00 | | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 82.0 | |
| Lmax | 134.8 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE


| | | | |
|---------------|------------------------|------------------|--------------|
| LOCATION | : Aeration Fan #2 | MEASUREMENT DATE | : 16/05/2025 |
| SLM MODEL | : SCARLET TECH ST-21D | SERIAL No. | : 820731 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.8 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.8/0.0 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2505-0048-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 16/05/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | 82.5 | |
| 09:00 - 10:00 | 82.5 | |
| 10:00 - 11:00 | 82.4 | |
| 11:00 - 12:00 | 82.4 | |
| 12:00 - 13:00 | 82.5 | |
| 13:00 - 14:00 | 83.8 | |
| 14:00 - 15:00 | 83.2 | |
| 15:00 - 16:00 | 83.4 | |
| 16:00 - 17:00 | 83.0 | |
| 17:00 - 18:00 | 83.4 | |
| 18:00 - 19:00 | 85.0 | |
| 19:00 - 20:00 | 84.9 | |
| 20:00 - 21:00 | | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 83.3 | |
| Lmax | 100.8 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise

MTR-CCE


| | | | |
|---------------|------------------------------------|------------------|--------------|
| LOCATION | : Aeration Fan of Bag House System | MEASUREMENT DATE | : 16/05/2025 |
| SLM MODEL | : SCARLET TECH ST-21D | SERIAL No. | : 820724 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| | | | |
|---------------------------|--------------------|----------------|--------------|
| CALIBRATOR MODEL | : Cirrus CR:515 | SERIAL No. | : 97097 |
| CALIBRATION REF/EFF dB(A) | : 94.0/93.8 | CERTIFIED DATE | : 02/10/2024 |
| SLM READING/ADJUST dB(A) | : 93.7/0.1 | EXPIRE DATE | : 01/10/2025 |
| CAL SHEET No. | : CAL-2505-0048-01 | | |

| TIME | EQUIVALENT SOUND PRESSURE LEVEL (dB(A)) | |
|---------------|---|--|
| | 16/05/2025 | |
| 00:00 - 01:00 | | |
| 01:00 - 02:00 | | |
| 02:00 - 03:00 | | |
| 03:00 - 04:00 | | |
| 04:00 - 05:00 | | |
| 05:00 - 06:00 | | |
| 06:00 - 07:00 | | |
| 07:00 - 08:00 | | |
| 08:00 - 09:00 | 80.0 | |
| 09:00 - 10:00 | 73.6 | |
| 10:00 - 11:00 | 74.1 | |
| 11:00 - 12:00 | 74.0 | |
| 12:00 - 13:00 | 73.7 | |
| 13:00 - 14:00 | 73.8 | |
| 14:00 - 15:00 | 74.2 | |
| 15:00 - 16:00 | 74.3 | |
| 16:00 - 17:00 | 74.0 | |
| 17:00 - 18:00 | 74.4 | |
| 18:00 - 19:00 | 74.2 | |
| 19:00 - 20:00 | 75.7 | |
| 20:00 - 21:00 | | |
| 21:00 - 22:00 | | |
| 22:00 - 23:00 | | |
| 23:00 - 00:00 | | |
| Leq(12) | 75.1 | |
| Lmax | 82.4 | |
| Standard* | 87 dB(A) | |
| Standard-Max | 140 dB(A) | |

Remark : * Notification of Ministry of Industry, B.E.2546


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team

ปริมาณเสียงสะสมที่ตัวพนักงาน



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

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NOISE MEASUREMENT REPORT : NOISE DOSE

| | | | |
|----------------------|-----------------------------------|-----------------|---------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013/MON1H/Noise Dose |
| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Noise Dosimeter |
| MEASUREMENT DATE | : 21/03/2025 | CALIBRATOR TYPE | : Cirrus RC:110A |
| MEASUREMENT LOCATION | : CCE | SERIAL NO. | : 95167 |
| SITE OPERATOR | : Miss Salisa Ainree | CALIBRATOR REF. | : 114 dB @ 1kHz |

| OPERATOR ID | RESPONSIBILITY/AREA | TIME | SOUND PRESSURE LEVEL (dB(A)) | | |
|--------------|----------------------------|-------------|------------------------------|-------------|------------|
| | | | %DOSE | TWA (12-hr) | STANDARD * |
| Noppachai S. | Aeration Fan #1 | 08:59-19:00 | 63.3 | 81.2 | 83.0 |
| Sunhanat J. | Aeration Fan #2 | 08:59-19:00 | 67.5 | 81.5 | 83.0 |
| Thana C. | Aeration Fan of Bag House | 08:59-19:00 | 38.0 | 79.0 | 83.0 |
| Chaiphak B. | CW Pump | 08:59-19:00 | 16.9 | 75.5 | 83.0 |
| Aphisit K. | Feed Pump of Boiler System | 08:58-18:59 | 17.6 | 75.7 | 83.0 |
| Nakorn K. | ST & Generator | 08:58-19:00 | 43.4 | 79.6 | 83.0 |


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team

- Remark :
1. Reported analysis refers to submitted sample only.
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 - 3.* Notification of Department of Labour Protection and Welfare B.E.2561 (2018).
 4. TWA means Time Weighted Average.



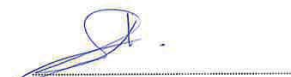
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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

NOISE MEASUREMENT REPORT : NOISE DOSE

| | | | |
|----------------------|-----------------------------------|-----------------|-------------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-Noise Dose-2505-0049 |
| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Noise Dosimeter |
| MEASUREMENT DATE | : 16/05/2025 | CALIBRATOR TYPE | : Cirrus RC:110A |
| MEASUREMENT LOCATION | : CCE | SERIAL NO. | : 95167 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | CALIBRATOR REF. | : 114 dB @ 1kHz |

| OPERATOR ID | RESPONSIBILITY/AREA | TIME | SOUND PRESSURE LEVEL (dB(A)) | | |
|-------------------|----------------------------|-------------|------------------------------|-------------|------------|
| | | | %DOSE | TWA (12-hr) | STANDARD * |
| Mr. Phayao S. | Aeration Fan #1 | 07:59-19:00 | 68.1 | 81.5 | 83.0 |
| Mr. Sanhanat J. | Aeration Fan #2 | 07:55-19:00 | 46.2 | 79.9 | 83.0 |
| Mr. Phongsakon P. | Aeration Fan of Bag House | 08:02-19:00 | 38.6 | 79.1 | 83.0 |
| | System | | | | |
| Mr. Suksan P. | CW Pump | 08:16-19:00 | 38.9 | 79.1 | 83.0 |
| Mr. Nakorn K. | Feed Pump of Boiler System | 08:07-19:00 | 19.0 | 76.0 | 83.0 |
| Mr. Wiset T. | ST & Generator | 08:07-19:00 | 32.0 | 78.3 | 83.0 |


(Miss Katesarin Vorradetwittaya)

Environmental Scientist


(Miss Sununta Sirawuttinanon)

Technical Management Team

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 - 3.* Notification of Department of Labour Protection and Welfare B.E.2561 (2018).
 4. TWA means Time Weighted Average.

ความร้อนในการทำงาน



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HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REFERENCE NO. : 225013_CCE_Heat/Mar
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Area Heat Stress Monitor
MEASUREMENT DATE : 21/03/2025 MODEL NO. : JT2011-E2A
MEASUREMENT LOCATION : Working area SERIAL NO. : 3522210176, 3522210174
SITE OPERATOR : Miss Salisa Ainree

| LOCATION | TIME | MEASURED TEMPERATURE (°C) | | | | | STANDARD (°C) * |
|---------------------------------|-------------|---------------------------|------|------|--------------------|---------------------|-----------------|
| | | NWB | DB | GT | WBGT _{in} | WBGT _{avg} | |
| Combustion Area | 10:23-10:53 | 20.8 | 28.5 | 29.8 | 23.5 | 24.5 | 34.0 |
| | 10:53-11:23 | 21.7 | 29.8 | 31.8 | 24.7 | | |
| | 11:23-11:53 | 21.9 | 30.2 | 32.3 | 25.0 | | |
| | 11:53-12:23 | 21.9 | 30.0 | 32.0 | 24.9 | | |
| Industrial Waste Receiving Area | 10:21-10:51 | 21.1 | 27.8 | 28.0 | 23.2 | 24.0 | 34.0 |
| | 10:51-11:21 | 21.9 | 28.9 | 29.2 | 24.1 | | |
| | 11:21-11:51 | 22.0 | 29.3 | 29.6 | 24.3 | | |
| | 11:51-12:21 | 22.2 | 29.4 | 29.5 | 24.4 | | |

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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

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

NWB = Natural Wet Bulb Temperature

DB = Dry Bulb Temperature

GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

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



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HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REFERENCE NO. : 225013-Heat-2505-0050
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Area Heat Stress Monitor
MEASUREMENT DATE : 16/05/2025 MODEL NO. : JT2011-E2A
MEASUREMENT LOCATION : Working area SERIAL NO. : 3522211237, 3522210181
SITE OPERATOR : Mr. Pongsiri Jukkew

| LOCATION | TIME | MEASURED TEMPERATURE (°C) | | | | | STANDARD (°C) * |
|---------------------------------|-------------|---------------------------|------|------|--------------------|---------------------|-----------------|
| | | NWB | DB | GT | WBGT _{in} | WBGT _{avg} | |
| Combustion Area | 10:28-10:58 | 28.8 | 32.9 | 34.6 | 30.5 | 31.0 | 34.0 |
| | 10:58-11:28 | 29.2 | 33.4 | 35.1 | 31.0 | | |
| | 11:28-11:58 | 29.1 | 34.0 | 35.8 | 31.1 | | |
| | 11:58-12:28 | 29.3 | 34.0 | 35.5 | 31.2 | | |
| Industrial Waste Receiving Area | 10:29-10:59 | 29.8 | 32.8 | 33.2 | 30.9 | 31.4 | 34.0 |
| | 10:59-11:29 | 30.2 | 33.4 | 33.8 | 31.3 | | |
| | 11:29-11:59 | 30.7 | 33.7 | 34.2 | 31.7 | | |
| | 11:59-12:29 | 30.6 | 34.3 | 34.7 | 31.8 | | |

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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

NWB = Natural Wet Bulb Temperature

DB = Dry Bulb Temperature

GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

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

แสงสว่างในที่ทำงาน



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LIGHT INTENSITY MEASUREMENT REPORT

| | | | |
|----------------------|-----------------------------------|---------------|-----------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-Light(Day) |
| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Digital Light Meter |
| MEASUREMENT DATE | : 21/03/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Industrial Waste Receiving Area | SERIAL NO. | : A 051050 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | | |
|---|----------------------------|-------------|-----------------------|---------|-----------|
| | | | DAYTIME | | STANDARD* |
| | | | AVERAGE | MINIMUM | |
| Industrial Waste Receiving Area (พื้นที่รับกากอุตสาหกรรม) | | | | | |
| Tipping Hall | Receiving industrial waste | 09:40-09:42 | 800 | - | ≥ 200 |
| | | | - | 642 | ≥ 100 |

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| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Digital Light Meter |
| MEASUREMENT DATE | : 21/03/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Crane Control Room | SERIAL NO. | : A 051050 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | | |
|-------------------------------------|------------------------|-------------|-----------------------|---------|----------|
| | | | DAYTIME | | STANDARD |
| | | | AVERAGE | MINIMUM | |
| Crane Control Room (ห้องควบคุมเครน) | | | | | |
| Crane Control Chair | Working of controlling | 09:50-09:55 | 456 | - | ≥ 300 |
| (เก้าอี้นั่งขับเครน) | | | - | 302 | ≥ 150 |

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LIGHT INTENSITY MEASUREMENT REPORT

| | | | |
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| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-Light(Night) |
| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Digital Light Meter |
| MEASUREMENT DATE | : 21/03/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Industrial Waste Receiving Area | SERIAL NO. | : A 051050 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | | |
|---|----------------------------|-------------|-----------------------|---------|-----------|
| | | | NIGHTTIME | | STANDARD* |
| | | | AVERAGE | MINIMUM | |
| Industrial Waste Receiving Area (พื้นที่รับกากอุตสาหกรรม) | | | | | |
| Tipping Hall | Receiving industrial waste | 18:47-18:50 | 267 | - | ≥ 200 |
| | | | - | 215 | ≥ 100 |


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| MEASUREMENT DATE | : 21/03/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Crane Control Room | SERIAL NO. | : A 051050 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | | |
|-------------------------------------|------------------------|-------------|-----------------------|---------|----------|
| | | | NIGHTTIME | | STANDARD |
| | | | AVERAGE | MINIMUM | |
| Crane Control Room (ห้องควบคุมเครน) | | | | | |
| Crane Control Chair | Working of controlling | 19:13-19:15 | 356 | - | ≥ 300 |
| (เก้าอี้นั่งขับเครน) | | | - | 227 | ≥ 150 |


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LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME : Chonburi Clean Energy Co., Ltd. REFERENCE NO. : 225013-Light(Day)
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 21/03/2025 MODEL : 407026
MEASUREMENT LOCATION : Crane Control Room SERIAL NO. : A 051050
SITE OPERATOR : Miss Salisa Ainree

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | |
|---|------------------------|-------|-----------------------|-----------|
| | | | DAYTIME | STANDARD* |
| Crane Control Room (ห้องควบคุมเครน) | | | | |
| Crane Control Chair No.1 (เก้าอี้นั่งขับเครนที่ 1) | Working of controlling | 09:56 | 427 | 200-300 |


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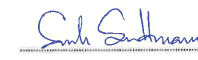
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CLIENT NAME : Chonburi Clean Energy Co., Ltd. REFERENCE NO. : 225013-Light(Day)
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 21/03/2025 MODEL : 407026
MEASUREMENT LOCATION : Crane Control Room SERIAL NO. : A 051050
SITE OPERATOR : Miss Salisa Ainree

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | |
|--|------------------------|-------|-----------------------|----------|
| | | | DAYTIME | STANDARD |
| Crane Control Room (ห้องควบคุมเครน) | | | | |
| Crane Control Chair No.2 (เก้าอี้ที่นั่งขับเครนที่ 2) | Working of controlling | 09:56 | 414 | 200-300 |


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LIGHT INTENSITY MEASUREMENT REPORT

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| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-Light(Night) |
| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Digital Light Meter |
| MEASUREMENT DATE | : 21/03/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Crane Control Room | SERIAL NO. | : A 051050 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | |
|---|------------------------|-------|-----------------------|-----------|
| | | | NIGHTTIME | STANDARD* |
| Crane Control Room (ห้องควบคุมเครน) | | | | |
| Crane Control Chair No.1 (เก้าอี้นั่งขับเครนที่ 1) | Working of controlling | 19:11 | 424 | 200-300 |


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LIGHT INTENSITY MEASUREMENT REPORT

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| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Digital Light Meter |
| MEASUREMENT DATE | : 21/03/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Crane Control Room | SERIAL NO. | : A 051050 |
| SITE OPERATOR | : Miss Salisa Ainree | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | |
|---|------------------------|-------|-----------------------|-----------|
| | | | NIGHTTIME | STANDARD* |
| Crane Control Room (ห้องควบคุมเครน) | | | | |
| Crane Control Chair No.2 (เก้าอี้นั่งขับเครนที่ 2) | Working of controlling | 19:12 | 445 | 200-300 |


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LIGHT INTENSITY MEASUREMENT REPORT

| | | | |
|----------------------|-----------------------------------|---------------|--------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-Light-2505-0051 |
| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Digital Light Meter |
| MEASUREMENT DATE | : 16/05/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Industrial Waste Receiving Area | SERIAL NO. | : A 041100 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | | |
|---|----------------------------|-------------|-----------------------|---------|-----------|
| | | | DAYTIME | | STANDARD* |
| | | | AVERAGE | MINIMUM | |
| Industrial Waste Receiving Area (พื้นที่รับกากอุตสาหกรรม) | | | | | |
| Tipping Hall | Receiving industrial waste | 08:27-08:29 | 836 | - | ≥ 200 |
| | | | - | 738 | ≥ 100 |

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| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Digital Light Meter |
| MEASUREMENT DATE | : 16/05/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Crane Control Room | SERIAL NO. | : A 041100 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | | |
|-------------------------------------|------------------------|-------------|-----------------------|---------|----------|
| | | | DAYTIME | | STANDARD |
| | | | AVERAGE | MINIMUM | |
| Crane Control Room (ห้องควบคุมเครน) | | | | | |
| Crane Control Chair | Working of controlling | 08:36-08:41 | 566 | - | ≥ 300 |
| (เก้าอี้นั่งขับเครน) | | | - | 401 | ≥ 150 |

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| MEASUREMENT DATE | : 16/05/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Industrial Waste Receiving Area | SERIAL NO. | : A 041100 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | | |
|---|----------------------------|-------------|-----------------------|---------|-----------|
| | | | NIGHTTIME | | STANDARD* |
| | | | AVERAGE | MINIMUM | |
| Industrial Waste Receiving Area (พื้นที่รับกากอุตสาหกรรม) | | | | | |
| Tipping Hall | Receiving industrial waste | 19:08-19:11 | 298 | - | ≥ 200 |
| | | | - | 238 | ≥ 100 |


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| MEASUREMENT DATE | : 16/05/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Crane Control Room | SERIAL NO. | : A 041100 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | | |
|-------------------------------------|------------------------|-------------|-----------------------|---------|----------|
| | | | NIGHTTIME | | STANDARD |
| | | | AVERAGE | MINIMUM | |
| Crane Control Room (ห้องควบคุมเครน) | | | | | |
| Crane Control Chair | Working of controlling | 19:15-19:20 | 536 | - | ≥ 300 |
| (เก้าอี้นั่งข้ามเครน) | | | - | 391 | ≥ 150 |


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| MEASUREMENT DATE | : 16/05/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Crane Control Room | SERIAL NO. | : A 041100 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | |
|---|------------------------|-------|-----------------------|-----------|
| | | | DAYTIME | STANDARD* |
| Crane Control Room (ห้องควบคุมเครน) | | | | |
| Crane Control Chair No.1 (เก้าอี้นั่งขับเครนที่ 1) | Working of controlling | 08:37 | 509 | 200-300 |

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| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | |
|---|------------------------|-------|-----------------------|----------|
| | | | DAYTIME | STANDARD |
| Crane Control Room (ห้องควบคุมเครน) | | | | |
| Crane Control Chair No.2 (เก้าอี้นั่งขับเครนที่ 2) | Working of controlling | 08:37 | 426 | 200-300 |

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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

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

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




บริษัท ซีคอต จำกัด
SECOT CO., LTD.
239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

LIGHT INTENSITY MEASUREMENT REPORT

| | | | |
|----------------------|-----------------------------------|---------------|--------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-Light-2505-0051 |
| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Digital Light Meter |
| MEASUREMENT DATE | : 16/05/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Crane Control Room | SERIAL NO. | : A 041100 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | |
|---|------------------------|-------|-----------------------|-----------|
| | | | NIGHTTIME | STANDARD* |
| Crane Control Room (ห้องควบคุมเครน) | | | | |
| Crane Control Chair No.1 (เก้าอี้นั่งขับเครนที่ 1) | Working of controlling | 19:16 | 475 | 200-300 |


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team

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LIGHT INTENSITY MEASUREMENT REPORT

| | | | |
|----------------------|-----------------------------------|---------------|--------------------------|
| CLIENT NAME | : Chonburi Clean Energy Co., Ltd. | REFERENCE NO. | : 225013-Light-2505-0051 |
| MEASUREMENT BY | : SECOT Co., Ltd. | INSTRUMENT | : Digital Light Meter |
| MEASUREMENT DATE | : 16/05/2025 | MODEL | : 407026 |
| MEASUREMENT LOCATION | : Crane Control Room | SERIAL NO. | : A 041100 |
| SITE OPERATOR | : Mr. Pongsiri Jukkeaw | | |

| LOCATION | TYPE OF WORK | TIME | LIGHT INTENSITY (LUX) | |
|---|------------------------|-------|-----------------------|----------|
| | | | NIGHTTIME | STANDARD |
| Crane Control Room (ห้องควบคุมเครน) | | | | |
| Crane Control Chair No.2 (เก้าอี้นั่งขับเครนที่ 2) | Working of controlling | 19:16 | 438 | 200-300 |


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


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Technical Management Team

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