

ภาคผนวก จ

- ผลการตรวจวัดคุณภาพอากาศในบรรยากาศโดยทั่วไป
- ผลการตรวจวัดปริมาณมลสารประเภทโลหะหนักในฝุ่นบรรยากาศโดยทั่วไป

ภาคผนวก จ-1

ผลการตรวจวัดคุณภาพอากาศในบรรยากาศโดยทั่วไป

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.1 : Pratupha Army Camp

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------------|------------------------------|--|-----------|
| January | 30 | 16 - 55 | 0 | 33 |
| February | 28 | 13 - 77 | 0 | 40 |
| March | 30 | 23 - 87 | 0 | 57 |
| April | 29 | 19 - 133 | 0 | 69 |
| May | 29 | 9 - 45 | 0 | 29 |
| June | 29 | 9 - 34 | 0 | 18 |
| | 175 | 9 - 133 | 0 | 53 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.2 : Ban Thasi

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------------|------------------------------|--|-----------|
| January | 30 | 19 - 66 | 0 | 40 |
| February | 28 | 21 - 98 | 0 | 48 |
| March | 30 | 27 - 91 | 0 | 64 |
| April | 29 | 19 - 133 | 0 | 73 |
| May | 30 | 14 - 57 | 0 | 34 |
| June | 30 | 16 - 48 | 0 | 29 |
| | 177 | 14 - 133 | 0 | 58 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.3 : Ban Sadet

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------------|------------------------------|--|-----------|
| January | 31 | 24 - 61 | 0 | 37 |
| February | 28 | 14 - 100 | 0 | 47 |
| March | 31 | 19 - 84 | 0 | 55 |
| April | 30 | 13 - 102 | 0 | 58 |
| May | 31 | 10 - 46 | 0 | 28 |
| June | 30 | 13 - 36 | 0 | 20 |
| | 181 | 10 - 102 | 0 | 57 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.4 : Ban Hua Fai

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------------|------------------------------|--|-----------|
| January | 30 | 18 - 81 | 0 | 46 |
| February | 28 | 21 - 105 | 0 | 56 |
| March | 30 | 30 - 121 | 0 | 78 |
| April | 29 | 18 - 137 | 0 | 78 |
| May | 30 | 9 - 72 | 0 | 35 |
| June | 30 | 13 - 59 | 0 | 35 |
| | 177 | 9 - 137 | 0 | 63 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.5 : Meteorological Main Station

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------|------------------------|--|-----------|
| January | 31 | 28 - 124 | 0 | 67 |
| February | 28 | 21 - 163 | 0 | 87 |
| March | 31 | 31 - 290 | 0 | 138 |
| April | 30 | 14 - 267 | 0 | 130 |
| May | 31 | 10 - 127 | 0 | 62 |
| June | 30 | 12 - 122 | 0 | 47 |
| | 181 | 10 - 290 | 0 | 86 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.6 : Ban Huai King

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------------|------------------------------|--|-----------|
| January | 31 | 25 - 86 | 0 | 48 |
| February | 28 | 22 - 94 | 0 | 50 |
| March | 31 | 22 - 96 | 0 | 65 |
| April | 29 | 37 - 129 | 0 | 80 |
| May | 31 | 13 - 70 | 0 | 42 |
| June | 30 | 12 - 68 | 0 | 29 |
| | 180 | 12 - 129 | 0 | 61 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.7 : Mae Moh Government Center

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------------|------------------------------|--|-----------|
| January | 31 | 27 - 82 | 0 | 49 |
| February | 28 | 21 - 96 | 0 | 51 |
| March | 30 | 26 - 102 | 0 | 64 |
| April | 28 | 31 - 119 | 0 | 71 |
| May | 31 | 10 - 61 | 0 | 37 |
| June | 30 | 11 - 68 | 0 | 24 |
| | 178 | 10 - 119 | 0 | 61 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.8 : Ban Sop Moh

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------------|------------------------------|--|-----------|
| January | 31 | 30 - 100 | 0 | 67 |
| February | 27 | 24 - 122 | 0 | 67 |
| March | 31 | 32 - 127 | 0 | 83 |
| April | 30 | 31 - 145 | 0 | 85 |
| May | 30 | 16 - 76 | 0 | 40 |
| June | 30 | 15 - 58 | 0 | 27 |
| | 179 | 15 - 145 | 0 | 79 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.9 : Ban Sop Pad

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------------|------------------------------|--|-----------|
| January | 31 | 25 - 82 | 0 | 50 |
| February | 27 | 20 - 117 | 0 | 58 |
| March | 30 | 28 - 117 | 0 | 70 |
| April | 29 | 21 - 123 | 0 | 74 |
| May | 29 | 22 - 57 | 0 | 39 |
| June | 29 | 18 - 48 | 0 | 26 |
| | 175 | 18 - 123 | 0 | 65 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.10 : Ban Mae Chang

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------|------------------------|--|-----------|
| January | 30 | 22 - 110 | 0 | 59 |
| February | 27 | 19 - 121 | 0 | 63 |
| March | 30 | 29 - 146 | 0 | 76 |
| April | 29 | 14 - 126 | 0 | 73 |
| May | 29 | 7 - 67 | 0 | 33 |
| June | 29 | 12 - 61 | 0 | 27 |
| | 174 | 7 - 146 | 0 | 68 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-1 ผลการตรวจวัดปริมาณฝุ่นละอองรวมในบรรยากาศโดยทั่วไป เดือนมกราคม ถึง มิถุนายน ปี 2565

Total Suspended Particulate (TSP)

Monitoring Station No.11 : Ban Mai Ratanakosin

January to June 2022

Continuous: Tapered element oscillating microbalance (TEOM)

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($330 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------------|------------------------------|--|-----------|
| January | 30 | 15 - 43 | 0 | 27 |
| February | 28 | 7 - 81 | 0 | 32 |
| March | 30 | 12 - 86 | 0 | 39 |
| April | 29 | 7 - 81 | 0 | 39 |
| May | 30 | 3 - 27 | 0 | 14 |
| June | 29 | 5 - 19 | 0 | 10 |
| | 176 | 3 - 86 | 0 | 59 |

Remark : - n/a Data not available

- National Environment Board Standard $330 \mu\text{g}/\text{m}^3$

ตารางที่ จ-2 ผลการตรวจวัดปริมาณฝุ่นละอองขนาดไม่เกิน 10 ไมครอน ระหว่างเดือนมกราคม-มิถุนายน ปี 2565

Particulate Matter Less Than 10 μm (PM-10)

Monitoring Station No. 4 : Ban Hua Fai

January-June 2022

Continuous : β -Gauge

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($120 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------|------------------------|--|-----------|
| January | 30 | 16 - 64 | 0 | 37 |
| February | 28 | 16 - 95 | 0 | 47 |
| March | 30 | 23 - 93 | 0 | 62 |
| April | 28 | 16 - <u>123</u> | 1 | 67 |
| May | 30 | 8 - 56 | 0 | 28 |
| June | 30 | 12 - 45 | 0 | 25 |
| | 176 | 8 - <u>123</u> | 1 | 44 |

Remark : - n/a Data not available

- National Environment Board Standard $120 \mu\text{g}/\text{m}^3$

ตารางที่ จ-2 ผลการตรวจวัดปริมาณฝุ่นละอองขนาดเล็กไม่เกิน 10 ไมครอน ระหว่างเดือนมกราคม-มิถุนายน ปี 2565

Particulate Matter Less Than 10 μm (PM-10)

Monitoring Station No. 5 : Meteorological Main Station

January-June 2022

Continuous : β -Gauge

Unit: $\mu\text{g}/\text{m}^3$

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard ($120 \mu\text{g}/\text{m}^3$) | Average |
|----------|---------------------|------------------------|--|-----------|
| January | 31 | 13 - 46 | 0 | 25 |
| February | 28 | 9 - 59 | 0 | 32 |
| March | 31 | 11 - 118 | 0 | 54 |
| April | 30 | 9 - <u>146</u> | 6 | 84 |
| May | 31 | 6 - 68 | 0 | 36 |
| June | 30 | 9 - 55 | 0 | 25 |
| | 181 | 6 - <u>146</u> | 6 | 43 |

Remark : - n/a Data not available

- National Environment Board Standard $120 \mu\text{g}/\text{m}^3$

ตารางที่ จ-2 ผลการตรวจวัดปริมาณฝุ่นละอองขนาดเล็กไม่เกิน 10 ไมครอน ระหว่างเดือนมกราคม-มิถุนายน ปี 2565

Particulate Matter Less Than 10 μ m (PM-10)

Monitoring Station No. 7 : Mae Moh Government center

January-June 2022

Continuous : β -Gauge

Unit: μ g/m³

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard (120 μ g/m ³) | Average |
|----------|---------------------|------------------------|---|-----------|
| January | 31 | 20 - 58 | 0 | 37 |
| February | 28 | 17 - 78 | 0 | 38 |
| March | 30 | 20 - 80 | 0 | 49 |
| April | 23 | 21 - 88 | 0 | 51 |
| May | 31 | 8 - 42 | 0 | 27 |
| June | 30 | 11 - 34 | 0 | 19 |
| | 173 | 8 - 88 | 0 | 37 |

Remark : - n/a Data not available

- National Environment Board Standard 120 μ g/m³

ตารางที่ จ-2 ผลการตรวจวัดปริมาณฝุ่นละอองขนาดเล็กไม่เกิน 10 ไมครอน ระหว่างเดือนมกราคม-มิถุนายน ปี 2565

Particulate Matter Less Than 10 μ m (PM-10)

Monitoring Station No. 9 : Ban Sop Pad

January-June 2022

Continuous : β -Gauge

Unit: μ g/m³

| Month | Total Sampling Days | Min-Max 24-hr. Average | No. of Days Exceeding 24-hr. Average Standard (120 μ g/m ³) | Average |
|----------|---------------------|------------------------|---|-----------|
| January | 30 | 19 - 63 | 0 | 38 |
| February | 26 | 16 - 106 | 0 | 50 |
| March | 30 | 20 - 107 | 0 | 58 |
| April | 29 | 11 - 114 | 0 | 63 |
| May | 28 | 17 - 51 | 0 | 30 |
| June | 29 | 11 - 41 | 0 | 19 |
| | 172 | 11 - 114 | 0 | 43 |

Remark : - n/a Data not available

- National Environment Board Standard 120 μ g/m³

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfurdioxide (SO₂)

Monitoring Station No. 1 : Pratupha Army Camp

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 727 | 30 | 0 - 39 | 0 | 0 - 5 | 0 | 0.9 |
| February | 670 | 28 | 0 - 24 | 0 | 0 - 3 | 0 | 0.5 |
| March | 727 | 30 | 0 - 29 | 0 | 0 - 3 | 0 | 0.6 |
| April | 694 | 29 | 0 - 21 | 0 | 0 - 5 | 0 | 0.8 |
| May | 712 | 30 | 0 - 8 | 0 | 0 - 0 | 0 | 0.0 |
| June | 701 | 29 | 0 - 10 | 0 | 0 - 0 | 0 | 0.1 |
| | 4,231 | 176 | 0 - 39 | 0 | 0 - 5 | 0 | 0.5 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfurdioxide (SO₂)

Monitoring Station No. 2 : Ban Thasi

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 727 | 30 | 0 - 86 | 0 | 0 - 5 | 0 | 0.9 |
| February | 670 | 28 | 0 - 29 | 0 | 0 - 3 | 0 | 0.4 |
| March | 727 | 30 | 0 - 31 | 0 | 0 - 3 | 0 | 0.6 |
| April | 695 | 29 | 0 - 31 | 0 | 0 - 3 | 0 | 0.7 |
| May | 722 | 30 | 0 - 8 | 0 | 0 - 3 | 0 | 0.1 |
| June | 718 | 30 | 0 - 3 | 0 | 0 - 0 | 0 | 0.0 |
| | 4,259 | 177 | 0 - 86 | 0 | 0 - 5 | 0 | 0.5 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfur dioxide (SO₂)

Monitoring Station No. 3 : Ban Sadet

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------|---------------------|-----------------------|--|------------------------|---|------------|
| January | 742 | 31 | 0 - 8 | 0 | 0 - 0 | 0 | 0.0 |
| February | 670 | 28 | 0 - 42 | 0 | 0 - 5 | 0 | 0.3 |
| March | 738 | 31 | 0 - 3 | 0 | 0 - 0 | 0 | 0.0 |
| April | 716 | 30 | 0 - 16 | 0 | 0 - 0 | 0 | 0.1 |
| May | 741 | 31 | 0 - 5 | 0 | 0 - 0 | 0 | 0.0 |
| June | 718 | 30 | 0 - 0 | 0 | 0 - 0 | 0 | 0.0 |
| | 4,325 | 181 | 0 - 42 | 0 | 0 - 5 | 0 | 0.1 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfur dioxide (SO₂)

Monitoring Station No. 4 : Ban Hua Fai

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 730 | 30 | 0 - 115 | 0 | 0 - 8 | 0 | 1.4 |
| February | 668 | 28 | 0 - 29 | 0 | 0 - 5 | 0 | 1.1 |
| March | 727 | 30 | 0 - 68 | 0 | 0 - 5 | 0 | 1.9 |
| April | 704 | 29 | 0 - 76 | 0 | 0 - 8 | 0 | 2.4 |
| May | 728 | 30 | 0 - 26 | 0 | 0 - 3 | 0 | 0.9 |
| June | 718 | 30 | 0 - 3 | 0 | 0 - 3 | 0 | 2.3 |
| | 4,275 | 177 | 0 - 115 | 0 | 0 - 8 | 0 | 1.7 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfurdioxide (SO₂)

Monitoring Station No. 5 : Meteorological Main Station

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 742 | 31 | 0 - 63 | 0 | 0 - 5 | 0 | 0.4 |
| February | 670 | 28 | 0 - 45 | 0 | 0 - 5 | 0 | 0.4 |
| March | 742 | 31 | 0 - 60 | 0 | 0 - 5 | 0 | 0.5 |
| April | 718 | 30 | 0 - 37 | 0 | 0 - 8 | 0 | 0.7 |
| May | 741 | 31 | 0 - 47 | 0 | 0 - 5 | 0 | 0.5 |
| June | 718 | 30 | 0 - 3 | 0 | 0 - 0 | 0 | 0.0 |
| | 4,331 | 181 | 0 - 63 | 0 | 0 - 8 | 0 | 0.4 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfur dioxide (SO₂)

Monitoring Station No. 6 : EGAT Housing at Ban Huai King

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|----------|
| January | 734 | 31 | 0 - 18 | 0 | 0 - 3 | 0 | 0.2 |
| February | 660 | 28 | 0 - 45 | 0 | 0 - 5 | 0 | 0.4 |
| March | 742 | 31 | 0 - 45 | 0 | 0 - 5 | 0 | 0.2 |
| April | 710 | 30 | 0 - 39 | 0 | 0 - 8 | 0 | 0.6 |
| May | 740 | 31 | 0 - 47 | 0 | 0 - 5 | 0 | 0.5 |
| June | 718 | 30 | 0 - 0 | 0 | 0 - 0 | 0 | 0.0 |
| | 4,304 | 181 | 0 - 47 | 0 | 0 - 8 | 0 | 0 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfurdioxide (SO₂)

Monitoring Station No. 7 : Mae Moh Government Center

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 739 | 31 | 0 - 0 | 0 | 0 - 0 | 0 | 0.0 |
| February | 668 | 28 | 0 - 13 | 0 | 0 - 3 | 0 | 0.1 |
| March | 732 | 31 | 0 - 10 | 0 | 0 - 3 | 0 | 0.1 |
| April | 675 | 28 | 0 - 29 | 0 | 0 - 3 | 0 | 0.2 |
| May | 741 | 31 | 0 - 18 | 0 | 0 - 3 | 0 | 0.2 |
| June | 718 | 30 | 0 - 0 | 0 | 0 - 0 | 0 | 0.0 |
| | 4,273 | 179 | 0 - 29 | 0 | 0 - 3 | 0 | 0.1 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfur dioxide (SO₂)

Monitoring Station No. 8 : Ban Sop Moh

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 721 | 30 | 0 - 55 | 0 | 0 - 5 | 0 | 0.3 |
| February | 656 | 27 | 0 - 42 | 0 | 0 - 3 | 0 | 0.1 |
| March | 740 | 31 | 0 - 5 | 0 | 0 - 0 | 0 | 0.0 |
| April | 717 | 30 | 0 - 13 | 0 | 0 - 0 | 0 | 0.0 |
| May | 724 | 30 | 0 - 8 | 0 | 0 - 0 | 0 | 0.0 |
| June | 716 | 30 | 0 - 0 | 0 | 0 - 0 | 0 | 0.0 |
| | 4,274 | 178 | 0 - 55 | 0 | 0 - 5 | 0 | 0.1 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfur dioxide (SO₂)

Monitoring Station No. 9 : Ban Sop Pad

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 736 | 31 | 0 - 8 | 0 | 0 - 3 | 0 | 1.1 |
| February | 660 | 28 | 0 - 10 | 0 | 0 - 3 | 0 | 1.3 |
| March | 733 | 31 | 0 - 5 | 0 | 0 - 3 | 0 | 1.6 |
| April | 710 | 30 | 0 - 31 | 0 | 0 - 5 | 0 | 3.1 |
| May | 718 | 30 | 0 - 31 | 0 | 0 - 5 | 0 | 1.5 |
| June | 706 | 29 | 0 - 3 | 0 | 0 - 3 | 0 | 0.3 |
| | 4,263 | 179 | 0 - 31 | 0 | 0 - 5 | 0 | 1.5 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfurdioxide (SO₂)

Monitoring Station No.10 : Ban Mae Chang

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 731 | 30 | 0 - 18 | 0 | 0 - 5 | 0 | 0.5 |
| February | 654 | 27 | 0 - 18 | 0 | 0 - 3 | 0 | 0.5 |
| March | 733 | 31 | 0 - 5 | 0 | 0 - 0 | 0 | 0.1 |
| April | 704 | 29 | 0 - 45 | 0 | 0 - 8 | 0 | 0.7 |
| May | 709 | 30 | 0 - 18 | 0 | 0 - 3 | 0 | 0.7 |
| June | 691 | 29 | 0 - 8 | 0 | 0 - 3 | 0 | 0.3 |
| | 4,222 | 176 | 0 - 45 | 0 | 0 - 8 | 0 | 0.5 |

ตารางที่ จ-3 ผลการตรวจวัดปริมาณก๊าซซัลเฟอร์ไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Sulfurdioxide (SO₂)

Monitoring Station No. 11 : Ban Mai Ratanakosin

January-June 2022

Continuous : UV Fluorescent SO₂ Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (780 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average Standard (300 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 723 | 30 | 0 - 39 | 0 | 0 - 5 | 0 | 0.8 |
| February | 667 | 28 | 0 - 52 | 0 | 0 - 8 | 0 | 0.9 |
| March | 724 | 30 | 0 - 21 | 0 | 0 - 5 | 0 | 0.8 |
| April | 708 | 30 | 0 - 18 | 0 | 0 - 3 | 0 | 1.7 |
| May | 720 | 30 | 0 - 66 | 0 | 0 - 3 | 0 | 0.7 |
| June | 705 | 29 | 0 - 21 | 0 | 0 - 5 | 0 | 1.6 |
| | 4,247 | 177 | 0 - 66 | 0 | 0 - 8 | 0 | 1.1 |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 1 : Pratupha Army Camp

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 697 | 29 | 0 - 66 | 0 | 2 - 13 | 0 | 8.5 |
| February | 643 | 27 | 0 - 51 | 0 | 4 - 19 | 0 | 10.0 |
| March | 697 | 29 | 2 - 60 | 0 | 6 - 19 | 0 | 11.4 |
| April | 666 | 28 | 2 - 58 | 0 | 4 - 21 | 0 | 10.3 |
| May | 680 | 28 | 0 - 32 | 0 | 0 - 9 | 0 | 4.7 |
| June | 673 | 28 | 0 - 26 | 0 | 0 - 9 | 0 | 3.8 |
| | <i>4,056</i> | <i>169</i> | <i>0 - 66</i> | <i>0</i> | <i>0 - 21</i> | <i>0</i> | <i>8.1</i> |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 2 : Ban Thasi

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 697 | 29 | 0 - 68 | 0 | 4 - 15 | 0 | 9.7 |
| February | 643 | 27 | 0 - 53 | 0 | 6 - 17 | 0 | 10.7 |
| March | 697 | 29 | 0 - 47 | 0 | 8 - 19 | 0 | 11.6 |
| April | 666 | 28 | 2 - 71 | 0 | 4 - 24 | 0 | 11.8 |
| May | 689 | 29 | 0 - 26 | 0 | 2 - 8 | 0 | 5.7 |
| June | 689 | 29 | 0 - 17 | 0 | 4 - 8 | 0 | 4.9 |
| | <i>4,081</i> | <i>171</i> | <i>0 - 71</i> | <i>0</i> | <i>2 - 24</i> | <i>0</i> | <i>9.0</i> |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 3 : Ban Sadet

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 712 | 30 | 2 - 38 | 0 | 8 - 17 | 0 | 12.4 |
| February | 643 | 27 | 0 - 58 | 0 | 6 - 23 | 0 | 12.2 |
| March | 708 | 30 | 0 - 43 | 0 | 6 - 19 | 0 | 10.8 |
| April | 688 | 29 | 0 - 38 | 0 | 4 - 13 | 0 | 9.4 |
| May | 710 | 30 | 0 - 40 | 0 | 4 - 11 | 0 | 6.2 |
| June | 689 | 29 | 0 - 23 | 0 | 4 - 8 | 0 | 5.4 |
| | <i>4,150</i> | <i>175</i> | <i>0 58</i> | <i>0</i> | <i>4 23</i> | <i>0</i> | <i>9.4</i> |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 4 : Ban Hua Fai

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 700 | 29 | 0 - 79 | 0 | 2 - 13 | 0 | 6.3 |
| February | 641 | 27 | 0 - 49 | 0 | 2 - 11 | 0 | 6.6 |
| March | 697 | 29 | 0 - 107 | 0 | 4 - 11 | 0 | 7.1 |
| April | 675 | 28 | 0 - 73 | 0 | 2 - 13 | 0 | 6.6 |
| May | 697 | 29 | 0 - 24 | 0 | 0 - 6 | 0 | 3.4 |
| June | 689 | 29 | 0 - 19 | 0 | 2 - 6 | 0 | 3.7 |
| | <i>4,099</i> | <i>171</i> | <i>0 - 107</i> | <i>0</i> | <i>0 - 13</i> | <i>0</i> | <i>5.6</i> |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 5 : Meteorological Main Station

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 712 | 30 | 0 - 75 | 0 | 4 - 17 | 0 | 9.5 |
| February | 643 | 27 | 0 - 109 | 0 | 4 - 24 | 0 | 11.9 |
| March | 682 | 28 | 0 - 77 | 0 | 4 - 21 | 0 | 12.7 |
| April | 686 | 29 | 0 - 62 | 0 | 2 - 17 | 0 | 11.2 |
| May | 710 | 30 | 0 - 47 | 0 | 0 - 15 | 0 | 6.0 |
| June | 687 | 29 | 0 - 38 | 0 | 0 - 8 | 0 | 2.7 |
| | <i>4,120</i> | <i>173</i> | <i>0 - 109</i> | <i>0</i> | <i>0 - 24</i> | <i>0</i> | <i>9.0</i> |

Nitrogendioxide (NO₂)

Monitoring Station No. 6 : EGAT Housing at Ban Huai King

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 704 | 29 | 0 - 41 | 0 | 2 - 8 | 0 | 4.8 |
| February | 632 | 26 | 0 - 79 | 0 | 2 - 17 | 0 | 4.9 |
| March | 712 | 30 | 0 - 64 | 0 | 2 - 13 | 0 | 4.6 |
| April | 680 | 28 | 0 - 49 | 0 | 4 - 17 | 0 | 7.3 |
| May | 709 | 30 | 0 - 51 | 0 | 0 - 11 | 0 | 3.8 |
| June | 689 | 29 | 0 - 24 | 0 | 0 - 6 | 0 | 1.8 |
| | <i>4,126</i> | <i>172</i> | <i>0 - 79</i> | <i>0</i> | <i>0 - 17</i> | <i>0</i> | <i>4.5</i> |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 7 : Mae Moh Government Center

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 713 | 30 | 0 - 47 | 0 | 4 - 11 | 0 | 6.9 |
| February | 643 | 27 | 2 - 49 | 0 | 2 - 11 | 0 | 6.5 |
| March | 703 | 29 | 2 - 41 | 0 | 4 - 11 | 0 | 6.0 |
| April | 651 | 27 | 0 - 32 | 0 | 4 - 11 | 0 | 6.5 |
| May | 710 | 30 | 0 - 41 | 0 | 2 - 9 | 0 | 3.7 |
| June | 689 | 29 | 0 - 11 | 0 | 2 - 4 | 0 | 2.6 |
| | 4,109 | 172 | 0 - 49 | 0 | 2 - 11 | 0 | 5.4 |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 8 : Ban Sop Moh

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 711 | 30 | 0 - 98 | 0 | 4 - 15 | 0 | 7.4 |
| February | 631 | 26 | 0 - 109 | 0 | 2 - 21 | 0 | 8.2 |
| March | 710 | 30 | 2 - 30 | 0 | 4 - 11 | 0 | 7.2 |
| April | 688 | 29 | 0 - 36 | 0 | 4 - 11 | 0 | 7.8 |
| May | 693 | 29 | 0 - 19 | 0 | 2 - 6 | 0 | 3.7 |
| June | 687 | 29 | 0 - 13 | 0 | 2 - 4 | 0 | 2.3 |
| | <i>4,120</i> | <i>173</i> | <i>0 - 109</i> | <i>0</i> | <i>2 - 21</i> | <i>0</i> | <i>6.1</i> |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 9 : Ban Sop Pad

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 707 | 29 | 0 - 24 | 0 | 0 - 6 | 0 | 3.9 |
| February | 635 | 26 | 0 - 38 | 0 | 2 - 13 | 0 | 6.7 |
| March | 630 | 26 | 0 - 24 | 0 | 4 - 9 | 0 | 6.9 |
| April | 681 | 28 | 0 - 45 | 0 | 2 - 15 | 0 | 8.2 |
| May | 687 | 29 | 0 - 73 | 0 | 2 - 17 | 0 | 4.2 |
| June | 677 | 28 | 0 - 13 | 0 | 2 - 4 | 0 | 2.8 |
| | <i>4,017</i> | <i>166</i> | <i>0 - 73</i> | <i>0</i> | <i>0 - 17</i> | <i>0</i> | <i>5.5</i> |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 10 : Ban Mae Chang

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|------------|
| January | 703 | 29 | 0 - 34 | 0 | 2 - 6 | 0 | 4.3 |
| February | 630 | 26 | 0 - 45 | 0 | 2 - 11 | 0 | 5.6 |
| March | 702 | 29 | 0 - 60 | 0 | 2 - 15 | 0 | 5.3 |
| April | 676 | 28 | 0 - 47 | 0 | 2 - 9 | 0 | 5.1 |
| May | 682 | 28 | 0 - 38 | 0 | 0 - 8 | 0 | 2.7 |
| June | 664 | 28 | 0 - 21 | 0 | 2 - 6 | 0 | 2.4 |
| | <i>4,057</i> | <i>168</i> | <i>0 - 60</i> | <i>0</i> | <i>0 - 15</i> | <i>0</i> | <i>4.2</i> |

ตารางที่ จ-4 ผลการตรวจวัดปริมาณก๊าซไนโตรเจนไดออกไซด์ เดือนมกราคม-มิถุนายน ปี 2565

Nitrogen dioxide (NO₂)

Monitoring Station No. 11 : Ban Mai Ratanakosin

January-June 2022

Continuous : Chemiluminescent NO-NO₂-NO_x Analyser

Unit : µg/m³

| Month | Total Sampling Hours | Total Sampling Days | Min-Max 1-hr. Average | No. of Days Exceeded 1-hr. Average Standard (320 µg/m ³) | Min-Max 24-hr. Average | No. of Days Exceeded 24-hr. Average WHO Standard (150 µg/m ³) | Average |
|----------|----------------------------|---------------------------|-----------------------------|--|------------------------------|---|---------|
| January | 681 | 28 | 0 - 56 | 0 | 4 - 11 | 0 | 6.5 |
| February | 640 | 27 | 0 - 71 | 0 | 0 - 15 | 0 | 5.3 |
| March | 694 | 29 | 0 - 51 | 0 | 4 - 15 | 0 | 6.3 |
| April | 679 | 28 | 0 - 32 | 0 | 0 - 11 | 0 | 6.9 |
| May | 692 | 29 | 2 - 49 | 0 | 2 - 9 | 0 | 4.2 |
| June | 676 | 28 | 2 - 30 | 0 | 2 - 11 | 0 | 4.0 |
| | 4,062 | 29 | 0 - 71 | 0 | 0 - 15 | 0 | 5.5 |

ภาคผนวก จ-2

ผลการตรวจวัดปริมาณมลสารประเภทโลหะหนักในฝุ่นบรรยากาศโดยทั่วไป
ระหว่างเดือนกรกฎาคม-ธันวาคม 2564



Analysis / Test Report

Client : Electricity Generating Authority of Thailand
800 Moo 6, Mae Moh District, Lampang Thailand 52220

P/O : สัญญาเลขที่ 5120026654(ZCSV)

Project Name :

Project Location :

Lot ID: 2190839

Date Received : Dec 01, 2021

Date Reported : Feb 09, 2022

Report Number : 2057393-1 Rev. No.1

Page 1 of 3

Sample Number 2190839-1
Sampled Date Nov 25, 2021
Sample Description Air Quality
Location บริเวณสถานีหลัก (GPS 47Q 2022673, 577607)
Date Analysis Commenced Dec 08, 2021
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one glass fiber filters 47-mm, two gold-coated bead traps
Barometric Pressure 734 mmHg
Atmospheric Temperature 28.0 °C

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------|---------------------|-------|-----|------------|-------------|--|------------------|
| Metals Testing | | | | | | | |
| Arsenic | 25/11/21 - 26/11/21 | mg/m3 | - | 0.0001 | <0.0001 | Based on US EPA, IO Compendium Method IO-3.4 | Bangkok |
| Mercury (Particle Phase) | 25/11/21 - 26/11/21 | mg/m3 | - | 0.00000003 | <0.00000003 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |
| Mercury (Vapor Phase) | 25/11/21 - 26/11/21 | mg/m3 | - | 0.000002 | <0.000002 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |

Note : This Analysis test report is reissued to supersede report No.2057393-1, Date Reported : Dec 29, 2021 due to revise sample information.

Sampled By : Prommee Sripatnet

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

Sawitree N.

Sawitree Noisangiam
Assistant Manager

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Life Sciences

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER



Analysis / Test Report

Client : Electricity Generating Authority of Thailand
800 Moo 6, Mae Moh District, Lampang Thailand 52220

P/O : สัญญาเลขที่ 5120026654(ZCSV)

Project Name :

Project Location :

Lot ID: 2190839

Date Received : Dec 01, 2021

Date Reported : Feb 09, 2022

Report Number : 2057393-1 Rev. No.1

Page 2 of 3

Sample Number 2190839-2
Sampled Date Nov 25, 2021
Sample Description Air Quality
Location วัดทางสูงศรีธรรมาราม (GPS 47Q 2022045, 575920)
Date Analysis Commenced Dec 08, 2021
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one glass fiber filters 47-mm, two gold-coated bead traps
Barometric Pressure 734 mmHg
Atmospheric Temperature 28.0 °C

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------|---------------------|-------|-----|------------|-------------|--|------------------|
| Metals Testing | | | | | | | |
| Arsenic | 25/11/21 - 26/11/21 | mg/m3 | - | 0.0001 | <0.0001 | Based on US EPA, IO Compendium Method IO-3.4 | Bangkok |
| Mercury (Particle Phase) | 25/11/21 - 26/11/21 | mg/m3 | - | 0.00000003 | <0.00000003 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |
| Mercury (Vapor Phase) | 25/11/21 - 26/11/21 | mg/m3 | - | 0.000002 | <0.000002 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |

Note : This Analysis test report is reissued to supersede report No.2057393-1, Date Reported : Dec 29, 2021 due to revise sample information.

Sampled By : Prommee Sripatnet

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

Approved by

Sawitree N.

Sawitree Noisangiam
Assistant Manager

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Analysis / Test Report

Client : Electricity Generating Authority of Thailand
800 Moo 6, Mae Moh District, Lampang Thailand 52220

P/O : สัญญาเลขที่ 5120026654(ZCSV)

Project Name :

Project Location :

Lot ID: 2190839

Date Received : Dec 01, 2021

Date Reported : Feb 09, 2022

Report Number : 2057393-1 Rev. No.1

Page 3 of 3

Sample Number 2190839-3
Sampled Date Nov 25, 2021
Sample Description Air Quality
Location บริเวณโรงพยาบาลส่งเสริมสุขภาพตำบลสบป่าด (GPS 47Q 2018078, 580795)
Date Analysis Commenced Dec 08, 2021
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag, one glass fiber filters 47-mm, two gold-coated bead traps
Barometric Pressure 734 mmHg
Atmospheric Temperature 28.0 °C

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------|---------------------|-------|-----|------------|-------------|--|------------------|
| Metals Testing | | | | | | | |
| Arsenic | 25/11/21 - 26/11/21 | mg/m3 | - | 0.0001 | <0.0001 | Based on US EPA, IO Compendium Method IO-3.4 | Bangkok |
| Mercury (Particle Phase) | 25/11/21 - 26/11/21 | mg/m3 | - | 0.00000003 | <0.00000003 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |
| Mercury (Vapor Phase) | 25/11/21 - 26/11/21 | mg/m3 | - | 0.000002 | <0.000002 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |

Note : This Analysis test report is reissued to supersede report No.2057393-1, Date Reported : Dec 29, 2021 due to revise sample information.

Sampled By : Prommee Sripatnet

Remark :

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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)

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ภาคผนวก จ-3

ผลการตรวจวัดปริมาณมลสารประเภทโลหะหนักในฝุ่นบรรยากาศโดยทั่วไป
ระหว่างเดือนมกราคม-มิถุนายน 2565



Analysis / Test Report

Client : Electricity Generating Authority of Thailand
800 Moo 6, Mae Moh, Lampang Thailand 52220

P/O : สัญญาเลขที่ 5120026654(ZCSV)

Project Name :

Project Location :

Lot ID: 2144712

Date Received : May 10, 2022

Date Reported : Jun 21, 2022

Report Number : 1959074-1 Rev. No.1

Page 1 of 3

Sample Number 2144712-1
Sampled Date May 07, 2022
Sample Description Air Quality
Location บริเวณสถานีหลัก (GPS 47Q 577607, 2022673)
Date Analysis Commenced May 11, 2022
Condition of Sample Drawn into one filter paper placed in plastic cassette
Barometric Pressure 727 mmHg
Atmospheric Temperature 33.0 °C

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------|---------------------|-------|-----|------------|-------------|--|------------------|
| Metals Testing | | | | | | | |
| Arsenic | 07/05/22 - 08/05/22 | mg/m3 | - | 0.0001 | <0.0001 | Based on US EPA, IO Compendium Method IO-3.4 | Bangkok |
| Mercury (Particle Phase) | 07/05/22 - 08/05/22 | mg/m3 | - | 0.00000003 | <0.00000003 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |
| Mercury (Vapor Phase) | 07/05/22 - 08/05/22 | mg/m3 | - | 0.000002 | 0.000005 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |

Sampled By : Prommee Sripatnet

Remark :

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Analysis / Test Report

Client : Electricity Generating Authority of Thailand
800 Moo 6, Mae Moh, Lampang Thailand 52220

P/O : สัญญาเลขที่ 5120026654(ZCSV)

Project Name :

Project Location :

Lot ID: 2144712

Date Received : May 10, 2022

Date Reported : Jun 21, 2022

Report Number : 1959074-1 Rev. No.1

Page 2 of 3

Sample Number 2144712-2
Sampled Date May 07, 2022
Sample Description Air Quality
Location วัดทางสูงศรีธรรมาราม (GPS 47Q 575920, 2022045)
Date Analysis Commenced May 11, 2022
Condition of Sample Drawn into one filter paper placed in plastic cassette
Barometric Pressure 727 mmHg
Atmospheric Temperature 33.0 °C

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------|---------------------|-------|-----|------------|-------------|--|------------------|
| Metals Testing | | | | | | | |
| Arsenic | 07/05/22 - 08/05/22 | mg/m3 | - | 0.0001 | <0.0001 | Based on US EPA, IO Compendium Method IO-3.4 | Bangkok |
| Mercury (Particle Phase) | 07/05/22 - 08/05/22 | mg/m3 | - | 0.00000003 | <0.00000003 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |
| Mercury (Vapor Phase) | 07/05/22 - 08/05/22 | mg/m3 | - | 0.000002 | <0.000002 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |

Sampled By : Prommee Sripatnet

Remark :

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Analysis / Test Report

Client : Electricity Generating Authority of Thailand
800 Moo 6, Mae Moh, Lampang Thailand 52220

P/O : สัญญาเลขที่ 5120026654(ZCSV)

Project Name :

Project Location :

Lot ID: 2144712

Date Received : May 10, 2022

Date Reported : Jun 21, 2022

Report Number : 1959074-1 Rev. No.1

Page 3 of 3

Sample Number 2144712-3
Sampled Date May 07, 2022
Sample Description Air Quality
Location บริเวณโรงพยาบาลส่งเสริมสุขภาพตำบลสบป่าด (GPS 47Q 580795, 2018078)
Date Analysis Commenced May 11, 2022
Condition of Sample Drawn into one filter paper placed in plastic cassette
Barometric Pressure 727 mmHg
Atmospheric Temperature 33.0 °C

| Analyte | Sampled Date/time | Unit | LOD | LOQ (LOR) | Result | Method | Testing Location |
|--------------------------|---------------------|-------|-----|------------|-------------|--|------------------|
| Metals Testing | | | | | | | |
| Arsenic | 07/05/22 - 08/05/22 | mg/m3 | - | 0.0001 | <0.0001 | Based on US EPA, IO Compendium Method IO-3.4 | Bangkok |
| Mercury (Particle Phase) | 07/05/22 - 08/05/22 | mg/m3 | - | 0.00000003 | <0.00000003 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |
| Mercury (Vapor Phase) | 07/05/22 - 08/05/22 | mg/m3 | - | 0.000002 | <0.000002 | Based on US EPA, IO Compendium Method IO-5 | Bangkok |

Sampled By : Prommee Sripatnet

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