

ภาคผนวก ง

ผลการวิเคราะห์คุณภาพสิ่งแวดล้อม

- ง1 คุณภาพอากาศในบรรยากาศโดยทั่วไป
- ง2 ระดับเสียงโดยทั่วไป
- ง3 ความสั่นสะเทือน
- ง4 คุณภาพน้ำทิ้ง



ภาคผนวก ง1

คุณภาพอากาศในบรรยากาศโดยทั่วไป





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิคมชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธาไฮด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 14 - 17 January 2025
Sampling Time : 02.31 p.m.
Received Date : 18 January 2025
Analytical Date : 18 - 24 January 2025
Report Date : 27 January 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------------|-----------------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/2 | 14-15/01/2025 | 0.0880 | 0.0437 |
| 2. | S68033/4 | 15-16/01/2025 | 0.0814 | 0.0403 |
| 3. | S68033/6 | 16-17/01/2025 | 0.0723 | 0.0357 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. ; TNP-F-01-TSP and TNP-F-01-PM10

Calibrator Model and Serial No. ; TE-5028 and 3945

Calibrator Expire Date ; Sep 27, 2025



TNP ENVIRONMENT CO.,LTD.

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด(มหาชน)
GPS. Coordinate : 47 P 704358 E 1429402 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 14 - 17 January 2025
Sampling Time : 02.02 p.m.
Received Date : 18 January 2025
Analytical Date : 18 - 24 January 2025
Report Date : 27 January 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------------|-----------------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/3 | 14-15/01/2025 | 0.0528 | 0.0261 |
| 2. | S68033/5 | 15-16/01/2025 | 0.0515 | 0.0252 |
| 3. | S68033/7 | 16-17/01/2025 | 0.0477 | 0.0235 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. ; TNP-F-03-TSP and TNP-F-04-PM10

Calibrator Model and Serial No. ; TE-5028 and 3945

Calibrator Expire Date ; Sep 27, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท นวัตกรรมนิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

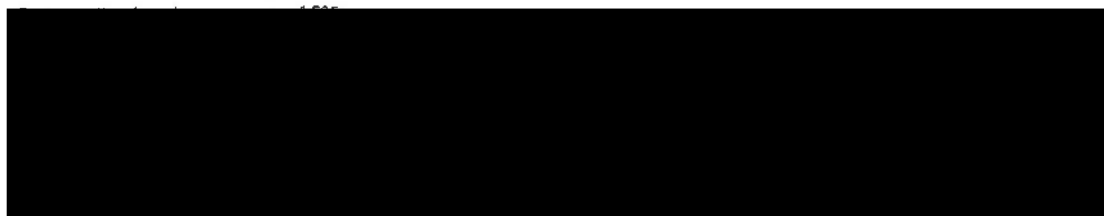
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Ambient Air
Sampling Date : 14 - 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Non-Dispersive Infrared

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 02.00 p.m. - 03.00 p.m. | 0.9556 |
| 03.00 p.m. - 04.00 p.m. | 0.9833 |
| 04.00 p.m. - 05.00 p.m. | 0.9674 |
| 05.00 p.m. - 06.00 p.m. | 0.9492 |
| 06.00 p.m. - 07.00 p.m. | 0.8398 |
| 07.00 p.m. - 08.00 p.m. | 0.8764 |
| 08.00 p.m. - 09.00 p.m. | 0.8228 |
| 09.00 p.m. - 10.00 p.m. | 0.8371 |
| 10.00 p.m. - 11.00 p.m. | 0.8496 |
| 11.00 p.m. - 00.00 a.m. | 0.8338 |
| 00.00 a.m. - 01.00 a.m. | 0.8307 |
| 01.00 a.m. - 02.00 a.m. | 0.8569 |
| 02.00 a.m. - 03.00 a.m. | 0.8741 |
| 03.00 a.m. - 04.00 a.m. | 0.8395 |
| 04.00 a.m. - 05.00 a.m. | 0.8157 |
| 05.00 a.m. - 06.00 a.m. | 0.9418 |
| 06.00 a.m. - 07.00 a.m. | 0.8365 |
| 07.00 a.m. - 08.00 a.m. | 0.8297 |
| 08.00 a.m. - 09.00 a.m. | 0.9851 |
| 09.00 a.m. - 10.00 a.m. | 0.9356 |
| 10.00 a.m. - 11.00 a.m. | 0.9958 |
| 11.00 a.m. - 12.00 p.m. | 0.9052 |
| 12.00 p.m. - 01.00 p.m. | 0.8947 |
| 01.00 p.m. - 02.00 p.m. | 0.9572 |
| 8 Hour Average | 0.9175 |
| 1 Hour Maximum | 0.9958 |
| 1 Hour Minimum | 0.8157 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรวิวัฒน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

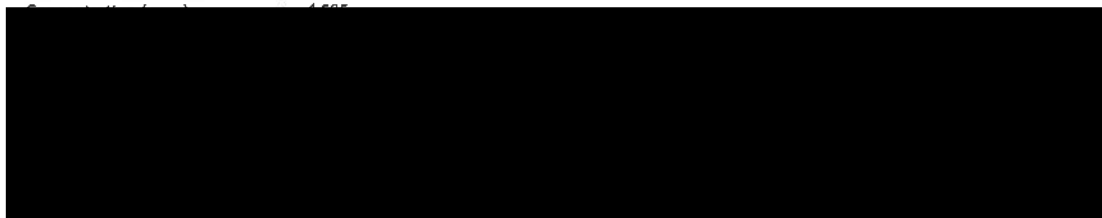
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 15 - 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Non-Dispersive Infrared

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 02.00 p.m. - 03.00 p.m. | 0.9317 |
| 03.00 p.m. - 04.00 p.m. | 0.9085 |
| 04.00 p.m. - 05.00 p.m. | 0.9435 |
| 05.00 p.m. - 06.00 p.m. | 0.8326 |
| 06.00 p.m. - 07.00 p.m. | 0.8217 |
| 07.00 p.m. - 08.00 p.m. | 0.8522 |
| 08.00 p.m. - 09.00 p.m. | 0.7989 |
| 09.00 p.m. - 10.00 p.m. | 0.8457 |
| 10.00 p.m. - 11.00 p.m. | 0.8659 |
| 11.00 p.m. - 00.00 a.m. | 0.8117 |
| 00.00 a.m. - 01.00 a.m. | 0.8693 |
| 01.00 a.m. - 02.00 a.m. | 0.8478 |
| 02.00 a.m. - 03.00 a.m. | 0.8236 |
| 03.00 a.m. - 04.00 a.m. | 0.8157 |
| 04.00 a.m. - 05.00 a.m. | 0.8026 |
| 05.00 a.m. - 06.00 a.m. | 0.8874 |
| 06.00 a.m. - 07.00 a.m. | 0.8936 |
| 07.00 a.m. - 08.00 a.m. | 0.9157 |
| 08.00 a.m. - 09.00 a.m. | 0.9563 |
| 09.00 a.m. - 10.00 a.m. | 0.9112 |
| 10.00 a.m. - 11.00 a.m. | 0.9714 |
| 11.00 a.m. - 12.00 p.m. | 0.8890 |
| 12.00 p.m. - 01.00 p.m. | 0.8704 |
| 01.00 p.m. - 02.00 p.m. | 0.9338 |
| 8 Hour Average | 0.9177 |
| 1 Hour Maximum | 0.9714 |
| 1 Hour Minimum | 0.7989 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิคมชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 16 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Non-Dispersive Infrared

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 02.00 p.m. - 03.00 p.m. | 0.8875 |
| 03.00 p.m. - 04.00 p.m. | 0.9007 |
| 04.00 p.m. - 05.00 p.m. | 0.8905 |
| 05.00 p.m. - 06.00 p.m. | 0.8956 |
| 06.00 p.m. - 07.00 p.m. | 0.8681 |
| 07.00 p.m. - 08.00 p.m. | 0.7996 |
| 08.00 p.m. - 09.00 p.m. | 0.7841 |
| 09.00 p.m. - 10.00 p.m. | 0.8887 |
| 10.00 p.m. - 11.00 p.m. | 0.8596 |
| 11.00 p.m. - 00.00 a.m. | 0.8241 |
| 00.00 a.m. - 01.00 a.m. | 0.8063 |
| 01.00 a.m. - 02.00 a.m. | 0.8274 |
| 02.00 a.m. - 03.00 a.m. | 0.8107 |
| 03.00 a.m. - 04.00 a.m. | 0.8069 |
| 04.00 a.m. - 05.00 a.m. | 0.7940 |
| 05.00 a.m. - 06.00 a.m. | 0.8196 |
| 06.00 a.m. - 07.00 a.m. | 0.8467 |
| 07.00 a.m. - 08.00 a.m. | 0.8792 |
| 08.00 a.m. - 09.00 a.m. | 0.9035 |
| 09.00 a.m. - 10.00 a.m. | 0.8874 |
| 10.00 a.m. - 11.00 a.m. | 0.9015 |
| 11.00 a.m. - 12.00 p.m. | 0.8947 |
| 12.00 p.m. - 01.00 p.m. | 0.9135 |
| 01.00 p.m. - 02.00 p.m. | 0.9017 |
| 8 Hour Average | 0.8910 |
| 1 Hour Maximum | 0.9135 |
| 1 Hour Minimum | 0.7841 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท นวัตกรรมนิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคมนาคนแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704358 E 1429402 N
Measurement : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 14 - 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Non-Dispersive Infrared

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 02.00 p.m. - 03.00 p.m. | 0.8559 |
| 03.00 p.m. - 04.00 p.m. | 0.8644 |
| 04.00 p.m. - 05.00 p.m. | 0.8678 |
| 05.00 p.m. - 06.00 p.m. | 0.8449 |
| 06.00 p.m. - 07.00 p.m. | 0.8292 |
| 07.00 p.m. - 08.00 p.m. | 0.8017 |
| 08.00 p.m. - 09.00 p.m. | 0.7869 |
| 09.00 p.m. - 10.00 p.m. | 0.7759 |
| 10.00 p.m. - 11.00 p.m. | 0.7594 |
| 11.00 p.m. - 00.00 a.m. | 0.7331 |
| 00.00 a.m. - 01.00 a.m. | 0.7159 |
| 01.00 a.m. - 02.00 a.m. | 0.7648 |
| 02.00 a.m. - 03.00 a.m. | 0.7952 |
| 03.00 a.m. - 04.00 a.m. | 0.7749 |
| 04.00 a.m. - 05.00 a.m. | 0.7576 |
| 05.00 a.m. - 06.00 a.m. | 0.7410 |
| 06.00 a.m. - 07.00 a.m. | 0.7967 |
| 07.00 a.m. - 08.00 a.m. | 0.8257 |
| 08.00 a.m. - 09.00 a.m. | 0.8803 |
| 09.00 a.m. - 10.00 a.m. | 0.8351 |
| 10.00 a.m. - 11.00 a.m. | 0.8157 |
| 11.00 a.m. - 12.00 p.m. | 0.8058 |
| 12.00 p.m. - 01.00 p.m. | 0.8136 |
| 01.00 p.m. - 02.00 p.m. | 0.8268 |
| 8 Hour Average | 0.8283 |
| 1 Hour Maximum | 0.8803 |
| 1 Hour Minimum | 0.7159 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิเมมมิ่งชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาด พัทยาใต้
(Atrmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704358 E 1429402 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 15 - 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Non-Dispersive Infrared

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 02.00 p.m. - 03.00 p.m. | 0.8492 |
| 03.00 p.m. - 04.00 p.m. | 0.8273 |
| 04.00 p.m. - 05.00 p.m. | 0.8492 |
| 05.00 p.m. - 06.00 p.m. | 0.8195 |
| 06.00 p.m. - 07.00 p.m. | 0.7893 |
| 07.00 p.m. - 08.00 p.m. | 0.7744 |
| 08.00 p.m. - 09.00 p.m. | 0.7596 |
| 09.00 p.m. - 10.00 p.m. | 0.7718 |
| 10.00 p.m. - 11.00 p.m. | 0.7463 |
| 11.00 p.m. - 00.00 a.m. | 0.7598 |
| 00.00 a.m. - 01.00 a.m. | 0.7322 |
| 01.00 a.m. - 02.00 a.m. | 0.7209 |
| 02.00 a.m. - 03.00 a.m. | 0.7519 |
| 03.00 a.m. - 04.00 a.m. | 0.7315 |
| 04.00 a.m. - 05.00 a.m. | 0.7748 |
| 05.00 a.m. - 06.00 a.m. | 0.7960 |
| 06.00 a.m. - 07.00 a.m. | 0.8374 |
| 07.00 a.m. - 08.00 a.m. | 0.8628 |
| 08.00 a.m. - 09.00 a.m. | 0.8569 |
| 09.00 a.m. - 10.00 a.m. | 0.8117 |
| 10.00 a.m. - 11.00 a.m. | 0.8715 |
| 11.00 a.m. - 12.00 p.m. | 0.8459 |
| 12.00 p.m. - 01.00 p.m. | 0.8367 |
| 01.00 p.m. - 02.00 p.m. | 0.8641 |
| 8 Hour Average | 0.8484 |
| 1 Hour Maximum | 0.8715 |
| 1 Hour Minimum | 0.7209 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704358 E 1429402 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 16 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Non-Dispersive Infrared

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 02.00 p.m. - 03.00 p.m. | 0.8259 |
| 03.00 p.m. - 04.00 p.m. | 0.8471 |
| 04.00 p.m. - 05.00 p.m. | 0.8032 |
| 05.00 p.m. - 06.00 p.m. | 0.7970 |
| 06.00 p.m. - 07.00 p.m. | 0.8021 |
| 07.00 p.m. - 08.00 p.m. | 0.7536 |
| 08.00 p.m. - 09.00 p.m. | 0.7374 |
| 09.00 p.m. - 10.00 p.m. | 0.7879 |
| 10.00 p.m. - 11.00 p.m. | 0.7580 |
| 11.00 p.m. - 00.00 a.m. | 0.7381 |
| 00.00 a.m. - 01.00 a.m. | 0.7316 |
| 01.00 a.m. - 02.00 a.m. | 0.7658 |
| 02.00 a.m. - 03.00 a.m. | 0.7771 |
| 03.00 a.m. - 04.00 a.m. | 0.7739 |
| 04.00 a.m. - 05.00 a.m. | 0.7715 |
| 05.00 a.m. - 06.00 a.m. | 0.7630 |
| 06.00 a.m. - 07.00 a.m. | 0.8234 |
| 07.00 a.m. - 08.00 a.m. | 0.8160 |
| 08.00 a.m. - 09.00 a.m. | 0.8775 |
| 09.00 a.m. - 10.00 a.m. | 0.8234 |
| 10.00 a.m. - 11.00 a.m. | 0.8557 |
| 11.00 a.m. - 12.00 p.m. | 0.8200 |
| 12.00 p.m. - 01.00 p.m. | 0.8097 |
| 01.00 p.m. - 02.00 p.m. | 0.8452 |
| 8 Hour Average | 0.8339 |
| 1 Hour Maximum | 0.8775 |
| 1 Hour Minimum | 0.7316 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมนอทยานต์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Ambient Air
Sampling Date : 14 - 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0147 |
| 03.00 p.m. - 04.00 p.m. | 0.0145 |
| 04.00 p.m. - 05.00 p.m. | 0.0141 |
| 05.00 p.m. - 06.00 p.m. | 0.0140 |
| 06.00 p.m. - 07.00 p.m. | 0.0148 |
| 07.00 p.m. - 08.00 p.m. | 0.0137 |
| 08.00 p.m. - 09.00 p.m. | 0.0135 |
| 09.00 p.m. - 10.00 p.m. | 0.0140 |
| 10.00 p.m. - 11.00 p.m. | 0.0136 |
| 11.00 p.m. - 00.00 a.m. | 0.0141 |
| 00.00 a.m. - 01.00 a.m. | 0.0139 |
| 01.00 a.m. - 02.00 a.m. | 0.0138 |
| 02.00 a.m. - 03.00 a.m. | 0.0141 |
| 03.00 a.m. - 04.00 a.m. | 0.0144 |
| 04.00 a.m. - 05.00 a.m. | 0.0123 |
| 05.00 a.m. - 06.00 a.m. | 0.0138 |
| 06.00 a.m. - 07.00 a.m. | 0.0140 |
| 07.00 a.m. - 08.00 a.m. | 0.0143 |
| 08.00 a.m. - 09.00 a.m. | 0.0146 |
| 09.00 a.m. - 10.00 a.m. | 0.0141 |
| 10.00 a.m. - 11.00 a.m. | 0.0151 |
| 11.00 a.m. - 12.00 p.m. | 0.0148 |
| 12.00 p.m. - 01.00 p.m. | 0.0144 |
| 01.00 p.m. - 02.00 p.m. | 0.0141 |
| 24 Hour Average | 0.0141 |
| 1 Hour Maximum | 0.0151 |
| 1 Hour Minimum | 0.0123 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรูติแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

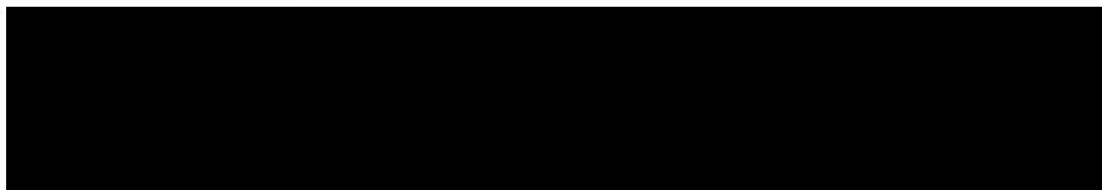
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 15 - 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0143 |
| 03.00 p.m. - 04.00 p.m. | 0.0141 |
| 04.00 p.m. - 05.00 p.m. | 0.0137 |
| 05.00 p.m. - 06.00 p.m. | 0.0136 |
| 06.00 p.m. - 07.00 p.m. | 0.0143 |
| 07.00 p.m. - 08.00 p.m. | 0.0133 |
| 08.00 p.m. - 09.00 p.m. | 0.0131 |
| 09.00 p.m. - 10.00 p.m. | 0.0136 |
| 10.00 p.m. - 11.00 p.m. | 0.0132 |
| 11.00 p.m. - 00.00 a.m. | 0.0137 |
| 00.00 a.m. - 01.00 a.m. | 0.0165 |
| 01.00 a.m. - 02.00 a.m. | 0.0134 |
| 02.00 a.m. - 03.00 a.m. | 0.0137 |
| 03.00 a.m. - 04.00 a.m. | 0.0140 |
| 04.00 a.m. - 05.00 a.m. | 0.0119 |
| 05.00 a.m. - 06.00 a.m. | 0.0134 |
| 06.00 a.m. - 07.00 a.m. | 0.0136 |
| 07.00 a.m. - 08.00 a.m. | 0.0138 |
| 08.00 a.m. - 09.00 a.m. | 0.0142 |
| 09.00 a.m. - 10.00 a.m. | 0.0137 |
| 10.00 a.m. - 11.00 a.m. | 0.0147 |
| 11.00 a.m. - 12.00 p.m. | 0.0144 |
| 12.00 p.m. - 01.00 p.m. | 0.0140 |
| 01.00 p.m. - 02.00 p.m. | 0.0137 |
| 24 Hour Average | 0.0138 |
| 1 Hour Maximum | 0.0165 |
| 1 Hour Minimum | 0.0119 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. ; 42C and 42C-70987-367
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 55.47
Expire Date ; Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 16 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0140 |
| 03.00 p.m. - 04.00 p.m. | 0.0139 |
| 04.00 p.m. - 05.00 p.m. | 0.0135 |
| 05.00 p.m. - 06.00 p.m. | 0.0134 |
| 06.00 p.m. - 07.00 p.m. | 0.0141 |
| 07.00 p.m. - 08.00 p.m. | 0.0131 |
| 08.00 p.m. - 09.00 p.m. | 0.0129 |
| 09.00 p.m. - 10.00 p.m. | 0.0134 |
| 10.00 p.m. - 11.00 p.m. | 0.0130 |
| 11.00 p.m. - 00.00 a.m. | 0.0135 |
| 00.00 a.m. - 01.00 a.m. | 0.0133 |
| 01.00 a.m. - 02.00 a.m. | 0.0132 |
| 02.00 a.m. - 03.00 a.m. | 0.0135 |
| 03.00 a.m. - 04.00 a.m. | 0.0138 |
| 04.00 a.m. - 05.00 a.m. | 0.0117 |
| 05.00 a.m. - 06.00 a.m. | 0.0132 |
| 06.00 a.m. - 07.00 a.m. | 0.0134 |
| 07.00 a.m. - 08.00 a.m. | 0.0136 |
| 08.00 a.m. - 09.00 a.m. | 0.0140 |
| 09.00 a.m. - 10.00 a.m. | 0.0135 |
| 10.00 a.m. - 11.00 a.m. | 0.0145 |
| 11.00 a.m. - 12.00 p.m. | 0.0142 |
| 12.00 p.m. - 01.00 p.m. | 0.0138 |
| 01.00 p.m. - 02.00 p.m. | 0.0135 |
| 24 Hour Average | 0.0135 |
| 1 Hour Maximum | 0.0145 |
| 1 Hour Minimum | 0.0117 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704358 E 1429402 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 14 - 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0086 |
| 03.00 p.m. - 04.00 p.m. | 0.0084 |
| 04.00 p.m. - 05.00 p.m. | 0.0080 |
| 05.00 p.m. - 06.00 p.m. | 0.0079 |
| 06.00 p.m. - 07.00 p.m. | 0.0086 |
| 07.00 p.m. - 08.00 p.m. | 0.0076 |
| 08.00 p.m. - 09.00 p.m. | 0.0074 |
| 09.00 p.m. - 10.00 p.m. | 0.0079 |
| 10.00 p.m. - 11.00 p.m. | 0.0075 |
| 11.00 p.m. - 00.00 a.m. | 0.0080 |
| 00.00 a.m. - 01.00 a.m. | 0.0078 |
| 01.00 a.m. - 02.00 a.m. | 0.0077 |
| 02.00 a.m. - 03.00 a.m. | 0.0080 |
| 03.00 a.m. - 04.00 a.m. | 0.0083 |
| 04.00 a.m. - 05.00 a.m. | 0.0062 |
| 05.00 a.m. - 06.00 a.m. | 0.0077 |
| 06.00 a.m. - 07.00 a.m. | 0.0079 |
| 07.00 a.m. - 08.00 a.m. | 0.0082 |
| 08.00 a.m. - 09.00 a.m. | 0.0085 |
| 09.00 a.m. - 10.00 a.m. | 0.0080 |
| 10.00 a.m. - 11.00 a.m. | 0.0090 |
| 11.00 a.m. - 12.00 p.m. | 0.0087 |
| 12.00 p.m. - 01.00 p.m. | 0.0083 |
| 01.00 p.m. - 02.00 p.m. | 0.0080 |
| 24 Hour Average | 0.0080 |
| 1 Hour Maximum | 0.0090 |
| 1 Hour Minimum | 0.0062 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมนาคนแห่งชาติ จำกัด (มหาชน)
GPS, Coordinate : 47 P 704358 E 1429402 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

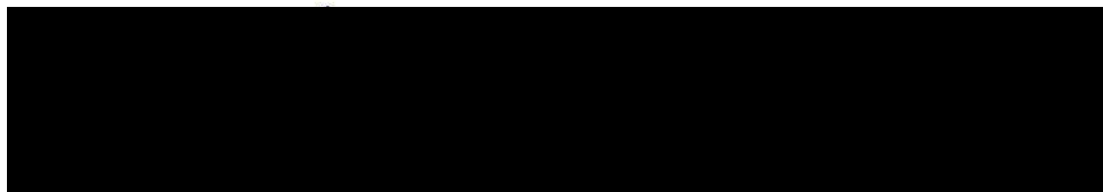
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 15 - 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0080 |
| 03.00 p.m. - 04.00 p.m. | 0.0078 |
| 04.00 p.m. - 05.00 p.m. | 0.0074 |
| 05.00 p.m. - 06.00 p.m. | 0.0073 |
| 06.00 p.m. - 07.00 p.m. | 0.0080 |
| 07.00 p.m. - 08.00 p.m. | 0.0070 |
| 08.00 p.m. - 09.00 p.m. | 0.0068 |
| 09.00 p.m. - 10.00 p.m. | 0.0073 |
| 10.00 p.m. - 11.00 p.m. | 0.0069 |
| 11.00 p.m. - 00.00 a.m. | 0.0074 |
| 00.00 a.m. - 01.00 a.m. | 0.0072 |
| 01.00 a.m. - 02.00 a.m. | 0.0071 |
| 02.00 a.m. - 03.00 a.m. | 0.0074 |
| 03.00 a.m. - 04.00 a.m. | 0.0077 |
| 04.00 a.m. - 05.00 a.m. | 0.0056 |
| 05.00 a.m. - 06.00 a.m. | 0.0071 |
| 06.00 a.m. - 07.00 a.m. | 0.0073 |
| 07.00 a.m. - 08.00 a.m. | 0.0075 |
| 08.00 a.m. - 09.00 a.m. | 0.0079 |
| 09.00 a.m. - 10.00 a.m. | 0.0074 |
| 10.00 a.m. - 11.00 a.m. | 0.0084 |
| 11.00 a.m. - 12.00 p.m. | 0.0081 |
| 12.00 p.m. - 01.00 p.m. | 0.0077 |
| 01.00 p.m. - 02.00 p.m. | 0.0074 |
| 24 Hour Average | 0.0074 |
| 1 Hour Maximum | 0.0084 |
| 1 Hour Minimum | 0.0056 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. ; 42C and 42C-56817-311
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 55.47
Expire Date ; Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704358 E 1429402 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 16 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0077 |
| 03.00 p.m. - 04.00 p.m. | 0.0075 |
| 04.00 p.m. - 05.00 p.m. | 0.0071 |
| 05.00 p.m. - 06.00 p.m. | 0.0070 |
| 06.00 p.m. - 07.00 p.m. | 0.0077 |
| 07.00 p.m. - 08.00 p.m. | 0.0067 |
| 08.00 p.m. - 09.00 p.m. | 0.0065 |
| 09.00 p.m. - 10.00 p.m. | 0.0070 |
| 10.00 p.m. - 11.00 p.m. | 0.0066 |
| 11.00 p.m. - 00.00 a.m. | 0.0071 |
| 00.00 a.m. - 01.00 a.m. | 0.0069 |
| 01.00 a.m. - 02.00 a.m. | 0.0068 |
| 02.00 a.m. - 03.00 a.m. | 0.0071 |
| 03.00 a.m. - 04.00 a.m. | 0.0074 |
| 04.00 a.m. - 05.00 a.m. | 0.0053 |
| 05.00 a.m. - 06.00 a.m. | 0.0068 |
| 06.00 a.m. - 07.00 a.m. | 0.0070 |
| 07.00 a.m. - 08.00 a.m. | 0.0072 |
| 08.00 a.m. - 09.00 a.m. | 0.0076 |
| 09.00 a.m. - 10.00 a.m. | 0.0071 |
| 10.00 a.m. - 11.00 a.m. | 0.0081 |
| 11.00 a.m. - 12.00 p.m. | 0.0078 |
| 12.00 p.m. - 01.00 p.m. | 0.0074 |
| 01.00 p.m. - 02.00 p.m. | 0.0071 |
| 24 Hour Average | 0.0071 |
| 1 Hour Maximum | 0.0081 |
| 1 Hour Minimum | 0.0053 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์แมกซ์ชั่น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atrmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : 568033
Sample No. : 568033/2
Sample Type : Ambient Air
Sampling Date : 14 - 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0035 |
| 03.00 p.m. - 04.00 p.m. | 0.0040 |
| 04.00 p.m. - 05.00 p.m. | 0.0036 |
| 05.00 p.m. - 06.00 p.m. | 0.0035 |
| 06.00 p.m. - 07.00 p.m. | 0.0040 |
| 07.00 p.m. - 08.00 p.m. | 0.0037 |
| 08.00 p.m. - 09.00 p.m. | 0.0033 |
| 09.00 p.m. - 10.00 p.m. | 0.0032 |
| 10.00 p.m. - 11.00 p.m. | 0.0026 |
| 11.00 p.m. - 00.00 a.m. | 0.0030 |
| 00.00 a.m. - 01.00 a.m. | 0.0032 |
| 01.00 a.m. - 02.00 a.m. | 0.0033 |
| 02.00 a.m. - 03.00 a.m. | 0.0030 |
| 03.00 a.m. - 04.00 a.m. | 0.0027 |
| 04.00 a.m. - 05.00 a.m. | 0.0031 |
| 05.00 a.m. - 06.00 a.m. | 0.0033 |
| 06.00 a.m. - 07.00 a.m. | 0.0036 |
| 07.00 a.m. - 08.00 a.m. | 0.0039 |
| 08.00 a.m. - 09.00 a.m. | 0.0038 |
| 09.00 a.m. - 10.00 a.m. | 0.0041 |
| 10.00 a.m. - 11.00 a.m. | 0.0037 |
| 11.00 a.m. - 12.00 p.m. | 0.0040 |
| 12.00 p.m. - 01.00 p.m. | 0.0024 |
| 01.00 p.m. - 02.00 p.m. | 0.0038 |
| 24 Hour Average | 0.0034 |
| 1 Hour Maximum | 0.0041 |
| 1 Hour Minimum | 0.0024 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948

Calibration Gas Cylinder I.D. : EB0129027

Concentration (ppm) : 55.11

Expire Date



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
Project Name : (Atmind Hotel South Pattaya)
โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 15- 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0031 |
| 03.00 p.m. - 04.00 p.m. | 0.0036 |
| 04.00 p.m. - 05.00 p.m. | 0.0032 |
| 05.00 p.m. - 06.00 p.m. | 0.0031 |
| 06.00 p.m. - 07.00 p.m. | 0.0036 |
| 07.00 p.m. - 08.00 p.m. | 0.0033 |
| 08.00 p.m. - 09.00 p.m. | 0.0029 |
| 09.00 p.m. - 10.00 p.m. | 0.0028 |
| 10.00 p.m. - 11.00 p.m. | 0.0022 |
| 11.00 p.m. - 00.00 a.m. | 0.0026 |
| 00.00 a.m. - 01.00 a.m. | 0.0028 |
| 01.00 a.m. - 02.00 a.m. | 0.0029 |
| 02.00 a.m. - 03.00 a.m. | 0.0026 |
| 03.00 a.m. - 04.00 a.m. | 0.0023 |
| 04.00 a.m. - 05.00 a.m. | 0.0027 |
| 05.00 a.m. - 06.00 a.m. | 0.0029 |
| 06.00 a.m. - 07.00 a.m. | 0.0031 |
| 07.00 a.m. - 08.00 a.m. | 0.0032 |
| 08.00 a.m. - 09.00 a.m. | 0.0034 |
| 09.00 a.m. - 10.00 a.m. | 0.0037 |
| 10.00 a.m. - 11.00 a.m. | 0.0033 |
| 11.00 a.m. - 12.00 p.m. | 0.0036 |
| 12.00 p.m. - 01.00 p.m. | 0.0020 |
| 01.00 p.m. - 02.00 p.m. | 0.0034 |
| 24 Hour Average | 0.0030 |
| 1 Hour Maximum | 0.0037 |
| 1 Hour Minimum | 0.0020 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
Project Name : (Atmind Hotel South Pattaya)
โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429366 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 16 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0026 |
| 03.00 p.m. - 04.00 p.m. | 0.0031 |
| 04.00 p.m. - 05.00 p.m. | 0.0027 |
| 05.00 p.m. - 06.00 p.m. | 0.0026 |
| 06.00 p.m. - 07.00 p.m. | 0.0031 |
| 07.00 p.m. - 08.00 p.m. | 0.0028 |
| 08.00 p.m. - 09.00 p.m. | 0.0024 |
| 09.00 p.m. - 10.00 p.m. | 0.0023 |
| 10.00 p.m. - 11.00 p.m. | 0.0017 |
| 11.00 p.m. - 00.00 a.m. | 0.0021 |
| 00.00 a.m. - 01.00 a.m. | 0.0023 |
| 01.00 a.m. - 02.00 a.m. | 0.0024 |
| 02.00 a.m. - 03.00 a.m. | 0.0021 |
| 03.00 a.m. - 04.00 a.m. | 0.0018 |
| 04.00 a.m. - 05.00 a.m. | 0.0022 |
| 05.00 a.m. - 06.00 a.m. | 0.0024 |
| 06.00 a.m. - 07.00 a.m. | 0.0027 |
| 07.00 a.m. - 08.00 a.m. | 0.0030 |
| 08.00 a.m. - 09.00 a.m. | 0.0029 |
| 09.00 a.m. - 10.00 a.m. | 0.0032 |
| 10.00 a.m. - 11.00 a.m. | 0.0028 |
| 11.00 a.m. - 12.00 p.m. | 0.0031 |
| 12.00 p.m. - 01.00 p.m. | 0.0015 |
| 01.00 p.m. - 02.00 p.m. | 0.0029 |
| 24 Hour Average | 0.0025 |
| 1 Hour Maximum | 0.0032 |
| 1 Hour Minimum | 0.0015 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11
Expire Date : Oct 29 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์แมกซ์ จำกัด
Project Name : โครงการ โรงแรมแอมมาด พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704358 E 1429402 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

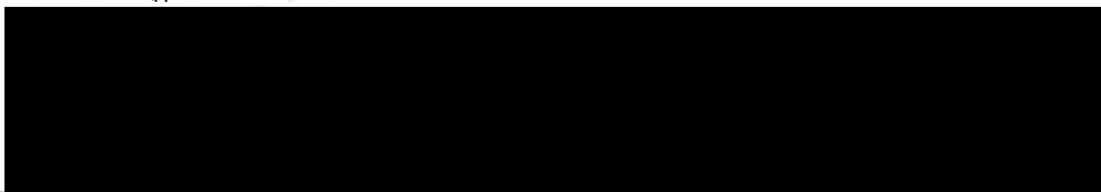
Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 14 - 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0023 |
| 03.00 p.m. - 04.00 p.m. | 0.0028 |
| 04.00 p.m. - 05.00 p.m. | 0.0024 |
| 05.00 p.m. - 06.00 p.m. | 0.0023 |
| 06.00 p.m. - 07.00 p.m. | 0.0028 |
| 07.00 p.m. - 08.00 p.m. | 0.0025 |
| 08.00 p.m. - 09.00 p.m. | 0.0021 |
| 09.00 p.m. - 10.00 p.m. | 0.0020 |
| 10.00 p.m. - 11.00 p.m. | 0.0014 |
| 11.00 p.m. - 00.00 a.m. | 0.0018 |
| 00.00 a.m. - 01.00 a.m. | 0.0020 |
| 01.00 a.m. - 02.00 a.m. | 0.0021 |
| 02.00 a.m. - 03.00 a.m. | 0.0018 |
| 03.00 a.m. - 04.00 a.m. | 0.0015 |
| 04.00 a.m. - 05.00 a.m. | 0.0019 |
| 05.00 a.m. - 06.00 a.m. | 0.0021 |
| 06.00 a.m. - 07.00 a.m. | 0.0024 |
| 07.00 a.m. - 08.00 a.m. | 0.0027 |
| 08.00 a.m. - 09.00 a.m. | 0.0026 |
| 09.00 a.m. - 10.00 a.m. | 0.0029 |
| 10.00 a.m. - 11.00 a.m. | 0.0025 |
| 11.00 a.m. - 12.00 p.m. | 0.0028 |
| 12.00 p.m. - 01.00 p.m. | 0.0012 |
| 01.00 p.m. - 02.00 p.m. | 0.0026 |
| 24 Hour Average | 0.0022 |
| 1 Hour Maximum | 0.0029 |
| 1 Hour Minimum | 0.0012 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพญาไท ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนาคมนแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704358 E 1429402 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 15 - 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0020 |
| 03.00 p.m. - 04.00 p.m. | 0.0025 |
| 04.00 p.m. - 05.00 p.m. | 0.0021 |
| 05.00 p.m. - 06.00 p.m. | 0.0020 |
| 06.00 p.m. - 07.00 p.m. | 0.0025 |
| 07.00 p.m. - 08.00 p.m. | 0.0022 |
| 08.00 p.m. - 09.00 p.m. | 0.0018 |
| 09.00 p.m. - 10.00 p.m. | 0.0017 |
| 10.00 p.m. - 11.00 p.m. | 0.0011 |
| 11.00 p.m. - 00.00 a.m. | 0.0015 |
| 00.00 a.m. - 01.00 a.m. | 0.0017 |
| 01.00 a.m. - 02.00 a.m. | 0.0018 |
| 02.00 a.m. - 03.00 a.m. | 0.0015 |
| 03.00 a.m. - 04.00 a.m. | 0.0012 |
| 04.00 a.m. - 05.00 a.m. | 0.0016 |
| 05.00 a.m. - 06.00 a.m. | 0.0018 |
| 06.00 a.m. - 07.00 a.m. | 0.0020 |
| 07.00 a.m. - 08.00 a.m. | 0.0021 |
| 08.00 a.m. - 09.00 a.m. | 0.0023 |
| 09.00 a.m. - 10.00 a.m. | 0.0026 |
| 10.00 a.m. - 11.00 a.m. | 0.0022 |
| 11.00 a.m. - 12.00 p.m. | 0.0025 |
| 12.00 p.m. - 01.00 p.m. | 0.0019 |
| 01.00 p.m. - 02.00 p.m. | 0.0023 |
| 24 Hour Average | 0.0020 |
| 1 Hour Maximum | 0.0026 |
| 1 Hour Minimum | 0.0011 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11
Expire Date : Oct 29, 2027

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท นวัตกรรมแมนชั่น จำกัด
 Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
 (Atmind Hotel South Pattaya)
 Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
 Sampling Point : พื้นที่บริษัท ไทรคอมมูนิตี้มอลล์ จำกัด (มหาชน)
 GPS. Coordinate : 47 P 704358 E 1429402 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
 Sample No. : S68033/7
 Sample Type : Ambient Air
 Sampling Date : 16 - 17 January 2025
 Received Date : 20 January 2025
 Analytical Date : 20 - 22 January 2025
 Report Date : 23 January 2025
 Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 02.00 p.m. - 03.00 p.m. | 0.0018 |
| 03.00 p.m. - 04.00 p.m. | 0.0023 |
| 04.00 p.m. - 05.00 p.m. | 0.0019 |
| 05.00 p.m. - 06.00 p.m. | 0.0018 |
| 06.00 p.m. - 07.00 p.m. | 0.0023 |
| 07.00 p.m. - 08.00 p.m. | 0.0020 |
| 08.00 p.m. - 09.00 p.m. | 0.0016 |
| 09.00 p.m. - 10.00 p.m. | 0.0015 |
| 10.00 p.m. - 11.00 p.m. | 0.0011 |
| 11.00 p.m. - 00.00 a.m. | 0.0013 |
| 00.00 a.m. - 01.00 a.m. | 0.0015 |
| 01.00 a.m. - 02.00 a.m. | 0.0016 |
| 02.00 a.m. - 03.00 a.m. | 0.0013 |
| 03.00 a.m. - 04.00 a.m. | 0.0010 |
| 04.00 a.m. - 05.00 a.m. | 0.0014 |
| 05.00 a.m. - 06.00 a.m. | 0.0016 |
| 06.00 a.m. - 07.00 a.m. | 0.0019 |
| 07.00 a.m. - 08.00 a.m. | 0.0022 |
| 08.00 a.m. - 09.00 a.m. | 0.0021 |
| 09.00 a.m. - 10.00 a.m. | 0.0024 |
| 10.00 a.m. - 11.00 a.m. | 0.0020 |
| 11.00 a.m. - 12.00 p.m. | 0.0023 |
| 12.00 p.m. - 01.00 p.m. | 0.0017 |
| 01.00 p.m. - 02.00 p.m. | 0.0021 |
| 24 Hour Average | 0.0018 |
| 1 Hour Maximum | 0.0024 |
| 1 Hour Minimum | 0.0010 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
 Calibration Gas Cylinder I.D. : EB0129027
 Concentration (ppm) : 55.11
 Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS, Coordinate : 47 P 704339 E 1429366 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S67033
Sample Type : Ambient Air
Sampling Date : 14 - 16 January 2025
Sampling Time : 02.00 p.m.
Received Date : 20 January 2025
Analytical Date : 20 - 21 January 2025
Report Date : 22 January 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/2 | 14/01/2025 | 0.794 | 1.143 | 1.937 |
| S68033/4 | 15/01/2025 | 0.824 | 1.198 | 2.022 |
| S68033/6 | 16/01/2025 | 0.786 | 1.093 | 1.879 |

Remark : Model and Serial No. : APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. : EB0123130
Concentration (ppm) : 181.0
Expire Date : Oct 03, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
Address Project : (Atmind Hotel South Pattaya)
ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704358 E 1429402 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S67033
Sample Type : Ambient Air
Sampling Date : 14 - 16 January 2025
Sampling Time : 02.00 p.m.
Received Date : 20 January 2025
Analytical Date : 20 - 21 January 2025
Report Date : 22 January 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/3 | 14/01/2025 | 0.765 | 1.011 | 1.776 |
| S68033/5 | 15/01/2025 | 0.779 | 1.016 | 1.795 |
| S68033/7 | 16/01/2025 | 0.741 | 1.046 | 1.787 |

Remark : Model and Serial No. : APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. : EB0123130
Concentration (ppm) : 181.0
Expire Date : Oct 03, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์ดินแดนชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธมาด พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 01 – 04 February 2025
Sampling Time : 12.00 p.m.
Received Date : 10 February 2025
Analytical Date : 10 – 14 February 2025
Report Date : 17 February 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------|-----------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/3 | 01-02/02/2025 | 0.0856 | 0.0426 |
| 2. | S68033/5 | 02-03/02/2025 | 0.0953 | 0.0474 |
| 3. | S68033/7 | 03-04/02/2025 | 0.0607 | 0.0301 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. ; TNP-F-01-TSP and TNP-F-01-PM10
Calibrator Model and Serial No. ; TE-5028 and 3945
Calibrator Expire Date ; Sep 27, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธะมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS, Coordinate : 47 P 704356 E 1429415 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 01 – 04 February 2025
Sampling Time : 11.42 p.m.
Received Date : 10 February 2025
Analytical Date : 10 – 14 February 2025
Report Date : 17 February 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------------|-----------------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/4 | 01-02/02/2025 | 0.0685 | 0.0341 |
| 2. | S68033/6 | 02-03/02/2025 | 0.0634 | 0.0315 |
| 3. | S68033/8 | 03-04/02/2025 | 0.0473 | 0.0234 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. ; TNP-F-03-TSP and TNP-F-04-PM10

Calibrator Model and Serial No. ; TE-5028 and 3945

Calibrator Expire Date ; Sep 27, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : 568033
Sample No. : 568033/3
Sample Type : Ambient Air
Sampling Date : 01 – 02 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 12.00 p.m. - 01.00 p.m. | 1.7435 |
| 01.00 p.m. - 02.00 p.m. | 1.5643 |
| 02.00 p.m. - 03.00 p.m. | 1.4872 |
| 03.00 p.m. - 04.00 p.m. | 1.0254 |
| 04.00 p.m. - 05.00 p.m. | 1.2654 |
| 05.00 p.m. - 06.00 p.m. | 0.9677 |
| 06.00 p.m. - 07.00 p.m. | 0.8795 |
| 07.00 p.m. - 08.00 p.m. | 1.2865 |
| 08.00 p.m. - 09.00 p.m. | 0.9647 |
| 09.00 p.m. - 10.00 p.m. | 0.9258 |
| 10.00 p.m. - 11.00 p.m. | 1.1467 |
| 11.00 p.m. - 00.00 a.m. | 0.9845 |
| 00.00 a.m. - 01.00 a.m. | 0.9475 |
| 01.00 a.m. - 02.00 a.m. | 0.8754 |
| 02.00 a.m. - 03.00 a.m. | 0.8674 |
| 03.00 a.m. - 04.00 a.m. | 0.8364 |
| 04.00 a.m. - 05.00 a.m. | 0.7498 |
| 05.00 a.m. - 06.00 a.m. | 0.8256 |
| 06.00 a.m. - 07.00 a.m. | 0.9271 |
| 07.00 a.m. - 08.00 a.m. | 0.7435 |
| 08.00 a.m. - 09.00 a.m. | 0.8652 |
| 09.00 a.m. - 10.00 a.m. | 0.7843 |
| 10.00 a.m. - 11.00 a.m. | 0.8564 |
| 11.00 a.m. - 12.00 p.m. | 1.3576 |
| 8 Hour Average | 1.2774 |
| 1 Hour Maximum | 1.7435 |
| 1 Hour Minimum | 0.7435 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357

Calibration Gas Cylinder I.D. : EB0129027

Concentration (ppm) : 4.535

Expire



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวิวัฒน์ชัย จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

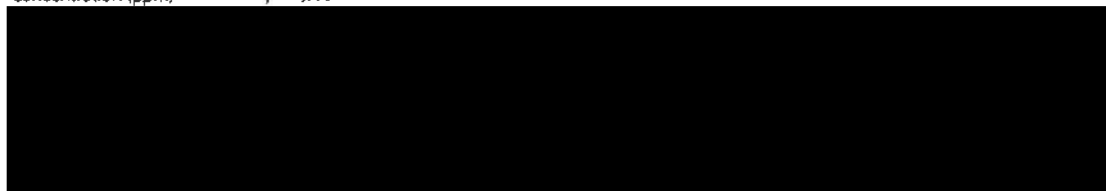
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 02 – 03 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 12.00 p.m. - 01.00 p.m. | 1.1465 |
| 01.00 p.m. - 02.00 p.m. | 1.2874 |
| 02.00 p.m. - 03.00 p.m. | 1.6573 |
| 03.00 p.m. - 04.00 p.m. | 1.2584 |
| 04.00 p.m. - 05.00 p.m. | 1.1467 |
| 05.00 p.m. - 06.00 p.m. | 1.0687 |
| 06.00 p.m. - 07.00 p.m. | 0.9675 |
| 07.00 p.m. - 08.00 p.m. | 0.9328 |
| 08.00 p.m. - 09.00 p.m. | 0.8754 |
| 09.00 p.m. - 10.00 p.m. | 1.7368 |
| 10.00 p.m. - 11.00 p.m. | 0.8952 |
| 11.00 p.m. - 00.00 a.m. | 0.8741 |
| 00.00 a.m. - 01.00 a.m. | 0.9257 |
| 01.00 a.m. - 02.00 a.m. | 0.9657 |
| 02.00 a.m. - 03.00 a.m. | 0.8325 |
| 03.00 a.m. - 04.00 a.m. | 0.8741 |
| 04.00 a.m. - 05.00 a.m. | 0.9682 |
| 05.00 a.m. - 06.00 a.m. | 1.2548 |
| 06.00 a.m. - 07.00 a.m. | 1.3664 |
| 07.00 a.m. - 08.00 a.m. | 1.4572 |
| 08.00 a.m. - 09.00 a.m. | 1.2687 |
| 09.00 a.m. - 10.00 a.m. | 1.2664 |
| 10.00 a.m. - 11.00 a.m. | 1.0547 |
| 11.00 a.m. - 12.00 p.m. | 1.1364 |
| 8 Hour Average | 1.2216 |
| 1 Hour Maximum | 1.7368 |
| 1 Hour Minimum | 0.8325 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภูธรพัฒนา จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

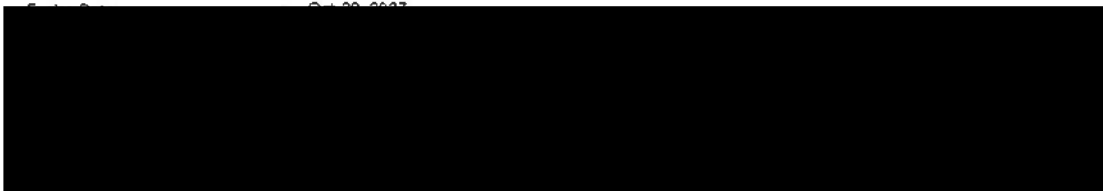
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 03 - 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 - 12 February 2025
Report Date : 13 February 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 12.00 p.m. - 01.00 p.m. | 0.9764 |
| 01.00 p.m. - 02.00 p.m. | 0.9771 |
| 02.00 p.m. - 03.00 p.m. | 1.2563 |
| 03.00 p.m. - 04.00 p.m. | 1.1487 |
| 04.00 p.m. - 05.00 p.m. | 1.4697 |
| 05.00 p.m. - 06.00 p.m. | 1.1325 |
| 06.00 p.m. - 07.00 p.m. | 1.0687 |
| 07.00 p.m. - 08.00 p.m. | 1.0793 |
| 08.00 p.m. - 09.00 p.m. | 1.0085 |
| 09.00 p.m. - 10.00 p.m. | 0.9784 |
| 10.00 p.m. - 11.00 p.m. | 0.9832 |
| 11.00 p.m. - 00.00 a.m. | 0.9614 |
| 00.00 a.m. - 01.00 a.m. | 0.8794 |
| 01.00 a.m. - 02.00 a.m. | 0.9238 |
| 02.00 a.m. - 03.00 a.m. | 0.7648 |
| 03.00 a.m. - 04.00 a.m. | 0.7794 |
| 04.00 a.m. - 05.00 a.m. | 1.2380 |
| 05.00 a.m. - 06.00 a.m. | 1.1045 |
| 06.00 a.m. - 07.00 a.m. | 1.0084 |
| 07.00 a.m. - 08.00 a.m. | 0.9743 |
| 08.00 a.m. - 09.00 a.m. | 0.9035 |
| 09.00 a.m. - 10.00 a.m. | 0.8742 |
| 10.00 a.m. - 11.00 a.m. | 0.8653 |
| 11.00 a.m. - 12.00 p.m. | 0.9456 |
| 8 Hour Average | 1.1428 |
| 1 Hour Maximum | 1.4697 |
| 1 Hour Minimum | 0.7648 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535





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เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตต์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมเนชั่นแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704356 E 1429415 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 01 – 02 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 11.00 a.m. - 12.00 p.m. | 0.9014 |
| 12.00 p.m. - 01.00 p.m. | 0.6135 |
| 01.00 p.m. - 02.00 p.m. | 0.5891 |
| 02.00 p.m. - 03.00 p.m. | 0.5821 |
| 03.00 p.m. - 04.00 p.m. | 0.5680 |
| 04.00 p.m. - 05.00 p.m. | 0.5712 |
| 05.00 p.m. - 06.00 p.m. | 0.6638 |
| 06.00 p.m. - 07.00 p.m. | 0.8404 |
| 07.00 p.m. - 08.00 p.m. | 0.7263 |
| 08.00 p.m. - 09.00 p.m. | 0.7042 |
| 09.00 p.m. - 10.00 p.m. | 0.7395 |
| 10.00 p.m. - 11.00 p.m. | 0.7218 |
| 11.00 p.m. - 00.00 a.m. | 0.7649 |
| 00.00 a.m. - 01.00 a.m. | 0.9387 |
| 01.00 a.m. - 02.00 a.m. | 0.9569 |
| 02.00 a.m. - 03.00 a.m. | 0.7210 |
| 03.00 a.m. - 04.00 a.m. | 1.0324 |
| 04.00 a.m. - 05.00 a.m. | 0.6992 |
| 05.00 a.m. - 06.00 a.m. | 0.6611 |
| 06.00 a.m. - 07.00 a.m. | 0.6816 |
| 07.00 a.m. - 08.00 a.m. | 0.7338 |
| 08.00 a.m. - 09.00 a.m. | 0.8095 |
| 09.00 a.m. - 10.00 a.m. | 0.7175 |
| 10.00 a.m. - 11.00 a.m. | 0.6109 |
| 8 Hour Average | 0.8224 |
| 1 Hour Maximum | 1.0324 |
| 1 Hour Minimum | 0.5680 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
 (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704356 E 1429415 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

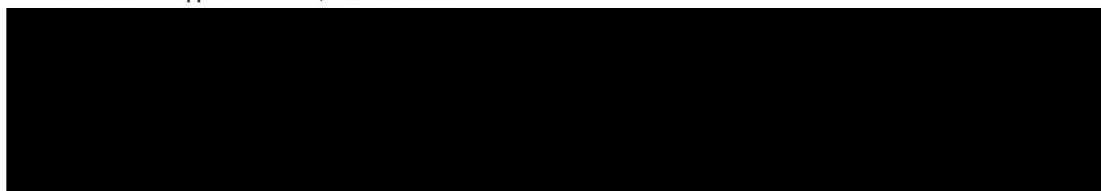
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 02 – 03 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 11.00 a.m. - 12.00 p.m. | 0.5790 |
| 12.00 p.m. - 01.00 p.m. | 0.5868 |
| 01.00 p.m. - 02.00 p.m. | 0.5614 |
| 02.00 p.m. - 03.00 p.m. | 0.5569 |
| 03.00 p.m. - 04.00 p.m. | 0.5116 |
| 04.00 p.m. - 05.00 p.m. | 0.5100 |
| 05.00 p.m. - 06.00 p.m. | 0.5082 |
| 06.00 p.m. - 07.00 p.m. | 0.6187 |
| 07.00 p.m. - 08.00 p.m. | 0.5876 |
| 08.00 p.m. - 09.00 p.m. | 1.1090 |
| 09.00 p.m. - 10.00 p.m. | 0.7720 |
| 10.00 p.m. - 11.00 p.m. | 0.8600 |
| 11.00 p.m. - 00.00 a.m. | 0.9075 |
| 00.00 a.m. - 01.00 a.m. | 0.8776 |
| 01.00 a.m. - 02.00 a.m. | 0.7398 |
| 02.00 a.m. - 03.00 a.m. | 0.6138 |
| 03.00 a.m. - 04.00 a.m. | 0.6309 |
| 04.00 a.m. - 05.00 a.m. | 0.5932 |
| 05.00 a.m. - 06.00 a.m. | 0.5550 |
| 06.00 a.m. - 07.00 a.m. | 0.6713 |
| 07.00 a.m. - 08.00 a.m. | 0.7313 |
| 08.00 a.m. - 09.00 a.m. | 0.7734 |
| 09.00 a.m. - 10.00 a.m. | 0.5890 |
| 10.00 a.m. - 11.00 a.m. | 0.5059 |
| 8 Hour Average | 0.8138 |
| 1 Hour Maximum | 1.1090 |
| 1 Hour Minimum | 0.5059 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. ; 48C and 48CHL-67713-358
 Calibration Gas Cylinder I.D. ; EB0129027
 Concentration (ppm) ; 4,535



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภูมิวิวัฒน์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704356 E 1429415 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

| | | |
|--------------------|---|-----------------------------------|
| Report No. | : | S68033 |
| Sample No. | : | S68033/8 |
| Sample Type | : | Ambient Air |
| Sampling Date | : | 03 – 04 February 2025 |
| Received Date | : | 10 February 2025 |
| Analytical Date | : | 10 – 12 February 2025 |
| Report Date | : | 13 February 2025 |
| Measurement Method | : | Non-Dispersive Infrared Detection |

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 11.00 a.m. - 12.00 p.m. | 0.5254 |
| 12.00 p.m. - 01.00 p.m. | 0.4818 |
| 01.00 p.m. - 02.00 p.m. | 0.4636 |
| 02.00 p.m. - 03.00 p.m. | 0.5366 |
| 03.00 p.m. - 04.00 p.m. | 0.6562 |
| 04.00 p.m. - 05.00 p.m. | 0.5222 |
| 05.00 p.m. - 06.00 p.m. | 0.5419 |
| 06.00 p.m. - 07.00 p.m. | 0.6175 |
| 07.00 p.m. - 08.00 p.m. | 0.5881 |
| 08.00 p.m. - 09.00 p.m. | 0.5618 |
| 09.00 p.m. - 10.00 p.m. | 0.7576 |
| 10.00 p.m. - 11.00 p.m. | 0.7078 |
| 11.00 p.m. - 00.00 a.m. | 0.6716 |
| 00.00 a.m. - 01.00 a.m. | 0.4914 |
| 01.00 a.m. - 02.00 a.m. | 0.9777 |
| 02.00 a.m. - 03.00 a.m. | 0.6490 |
| 03.00 a.m. - 04.00 a.m. | 0.5205 |
| 04.00 a.m. - 05.00 a.m. | 0.4255 |
| 05.00 a.m. - 06.00 a.m. | 0.4597 |
| 06.00 a.m. - 07.00 a.m. | 0.5588 |
| 07.00 a.m. - 08.00 a.m. | 0.6291 |
| 08.00 a.m. - 09.00 a.m. | 0.7162 |
| 09.00 a.m. - 10.00 a.m. | 0.6938 |
| 10.00 a.m. - 11.00 a.m. | 0.5639 |
| 8 Hour Average | 0.6756 |
| 1 Hour Maximum | 0.9777 |
| 1 Hour Minimum | 0.4255 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4.535



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวัฒน์เนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาเมย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

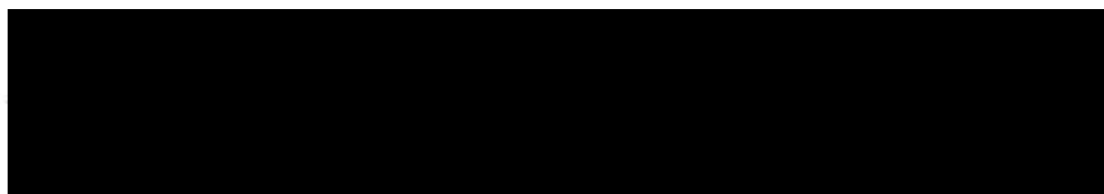
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 01 – 02 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0234 |
| 01.00 p.m. - 02.00 p.m. | 0.0248 |
| 02.00 p.m. - 03.00 p.m. | 0.0215 |
| 03.00 p.m. - 04.00 p.m. | 0.0267 |
| 04.00 p.m. - 05.00 p.m. | 0.0247 |
| 05.00 p.m. - 06.00 p.m. | 0.0189 |
| 06.00 p.m. - 07.00 p.m. | 0.0173 |
| 07.00 p.m. - 08.00 p.m. | 0.0234 |
| 08.00 p.m. - 09.00 p.m. | 0.0257 |
| 09.00 p.m. - 10.00 p.m. | 0.0267 |
| 10.00 p.m. - 11.00 p.m. | 0.0234 |
| 11.00 p.m. - 00.00 a.m. | 0.0216 |
| 00.00 a.m. - 01.00 a.m. | 0.0193 |
| 01.00 a.m. - 02.00 a.m. | 0.0204 |
| 02.00 a.m. - 03.00 a.m. | 0.0257 |
| 03.00 a.m. - 04.00 a.m. | 0.0264 |
| 04.00 a.m. - 05.00 a.m. | 0.0241 |
| 05.00 a.m. - 06.00 a.m. | 0.0187 |
| 06.00 a.m. - 07.00 a.m. | 0.0169 |
| 07.00 a.m. - 08.00 a.m. | 0.0182 |
| 08.00 a.m. - 09.00 a.m. | 0.0174 |
| 09.00 a.m. - 10.00 a.m. | 0.0185 |
| 10.00 a.m. - 11.00 a.m. | 0.0214 |
| 11.00 a.m. - 12.00 p.m. | 0.0236 |
| 24 Hour Average | 0.0220 |
| 1 Hour Maximum | 0.0267 |
| 1 Hour Minimum | 0.0169 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรภูมิภัณฑ์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 02 – 03 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0219 |
| 01.00 p.m. - 02.00 p.m. | 0.0242 |
| 02.00 p.m. - 03.00 p.m. | 0.0257 |
| 03.00 p.m. - 04.00 p.m. | 0.0179 |
| 04.00 p.m. - 05.00 p.m. | 0.0187 |
| 05.00 p.m. - 06.00 p.m. | 0.0214 |
| 06.00 p.m. - 07.00 p.m. | 0.0237 |
| 07.00 p.m. - 08.00 p.m. | 0.0287 |
| 08.00 p.m. - 09.00 p.m. | 0.0267 |
| 09.00 p.m. - 10.00 p.m. | 0.0245 |
| 10.00 p.m. - 11.00 p.m. | 0.0231 |
| 11.00 p.m. - 00.00 a.m. | 0.0184 |
| 00.00 a.m. - 01.00 a.m. | 0.0174 |
| 01.00 a.m. - 02.00 a.m. | 0.0165 |
| 02.00 a.m. - 03.00 a.m. | 0.0185 |
| 03.00 a.m. - 04.00 a.m. | 0.0179 |
| 04.00 a.m. - 05.00 a.m. | 0.0194 |
| 05.00 a.m. - 06.00 a.m. | 0.0192 |
| 06.00 a.m. - 07.00 a.m. | 0.0179 |
| 07.00 a.m. - 08.00 a.m. | 0.0214 |
| 08.00 a.m. - 09.00 a.m. | 0.0235 |
| 09.00 a.m. - 10.00 a.m. | 0.0238 |
| 10.00 a.m. - 11.00 a.m. | 0.0242 |
| 11.00 a.m. - 12.00 p.m. | 0.0216 |
| 24 Hour Average | 0.0215 |
| 1 Hour Maximum | 0.0287 |
| 1 Hour Minimum | 0.0165 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐฉิมแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

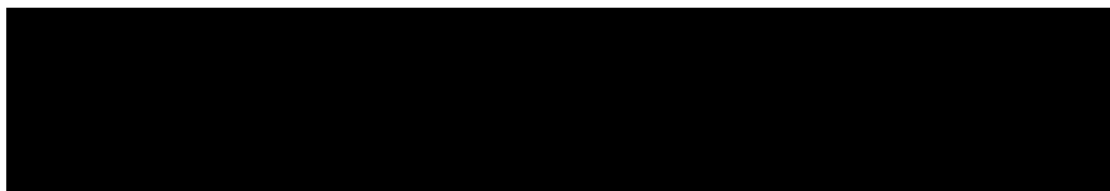
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 03 – 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0197 |
| 01.00 p.m. - 02.00 p.m. | 0.0204 |
| 02.00 p.m. - 03.00 p.m. | 0.0217 |
| 03.00 p.m. - 04.00 p.m. | 0.0235 |
| 04.00 p.m. - 05.00 p.m. | 0.0264 |
| 05.00 p.m. - 06.00 p.m. | 0.0187 |
| 06.00 p.m. - 07.00 p.m. | 0.0195 |
| 07.00 p.m. - 08.00 p.m. | 0.0175 |
| 08.00 p.m. - 09.00 p.m. | 0.0167 |
| 09.00 p.m. - 10.00 p.m. | 0.0179 |
| 10.00 p.m. - 11.00 p.m. | 0.0184 |
| 11.00 p.m. - 00.00 a.m. | 0.0192 |
| 00.00 a.m. - 01.00 a.m. | 0.0194 |
| 01.00 a.m. - 02.00 a.m. | 0.0234 |
| 02.00 a.m. - 03.00 a.m. | 0.0257 |
| 03.00 a.m. - 04.00 a.m. | 0.0268 |
| 04.00 a.m. - 05.00 a.m. | 0.0241 |
| 05.00 a.m. - 06.00 a.m. | 0.0249 |
| 06.00 a.m. - 07.00 a.m. | 0.0261 |
| 07.00 a.m. - 08.00 a.m. | 0.0271 |
| 08.00 a.m. - 09.00 a.m. | 0.0216 |
| 09.00 a.m. - 10.00 a.m. | 0.0218 |
| 10.00 a.m. - 11.00 a.m. | 0.0232 |
| 11.00 a.m. - 12.00 p.m. | 0.0197 |
| 24 Hour Average | 0.0218 |
| 1 Hour Maximum | 0.0271 |
| 1 Hour Minimum | 0.0167 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์ดินแดนชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

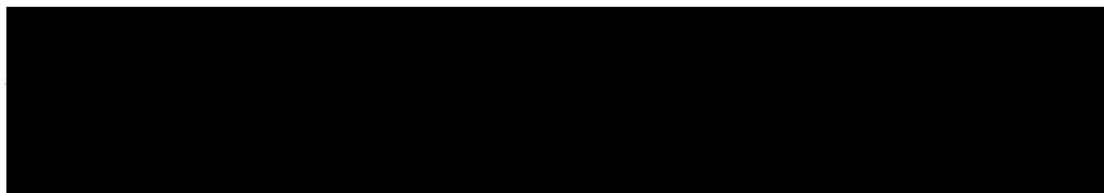
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 01 – 02 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 11.00 a.m. - 12.00 p.m. | 0.0123 |
| 12.00 p.m. - 01.00 p.m. | 0.0145 |
| 01.00 p.m. - 02.00 p.m. | 0.0120 |
| 02.00 p.m. - 03.00 p.m. | 0.0118 |
| 03.00 p.m. - 04.00 p.m. | 0.0137 |
| 04.00 p.m. - 05.00 p.m. | 0.0146 |
| 05.00 p.m. - 06.00 p.m. | 0.0103 |
| 06.00 p.m. - 07.00 p.m. | 0.0142 |
| 07.00 p.m. - 08.00 p.m. | 0.0119 |
| 08.00 p.m. - 09.00 p.m. | 0.0115 |
| 09.00 p.m. - 10.00 p.m. | 0.0102 |
| 10.00 p.m. - 11.00 p.m. | 0.0097 |
| 11.00 p.m. - 00.00 a.m. | 0.0095 |
| 00.00 a.m. - 01.00 a.m. | 0.0083 |
| 01.00 a.m. - 02.00 a.m. | 0.0097 |
| 02.00 a.m. - 03.00 a.m. | 0.0127 |
| 03.00 a.m. - 04.00 a.m. | 0.0116 |
| 04.00 a.m. - 05.00 a.m. | 0.0107 |
| 05.00 a.m. - 06.00 a.m. | 0.0109 |
| 06.00 a.m. - 07.00 a.m. | 0.0124 |
| 07.00 a.m. - 08.00 a.m. | 0.0103 |
| 08.00 a.m. - 09.00 a.m. | 0.0114 |
| 09.00 a.m. - 10.00 a.m. | 0.0097 |
| 10.00 a.m. - 11.00 a.m. | 0.0096 |
| 24 Hour Average | 0.0114 |
| 1 Hour Maximum | 0.0146 |
| 1 Hour Minimum | 0.0083 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐภูมิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนาคมนแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 02 – 03 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 11.00 a.m. - 12.00 p.m. | 0.0124 |
| 12.00 p.m. - 01.00 p.m. | 0.0136 |
| 01.00 p.m. - 02.00 p.m. | 0.0118 |
| 02.00 p.m. - 03.00 p.m. | 0.0106 |
| 03.00 p.m. - 04.00 p.m. | 0.0124 |
| 04.00 p.m. - 05.00 p.m. | 0.0129 |
| 05.00 p.m. - 06.00 p.m. | 0.0105 |
| 06.00 p.m. - 07.00 p.m. | 0.0107 |
| 07.00 p.m. - 08.00 p.m. | 0.0137 |
| 08.00 p.m. - 09.00 p.m. | 0.0146 |
| 09.00 p.m. - 10.00 p.m. | 0.0128 |
| 10.00 p.m. - 11.00 p.m. | 0.0156 |
| 11.00 p.m. - 00.00 a.m. | 0.0127 |
| 00.00 a.m. - 01.00 a.m. | 0.0107 |
| 01.00 a.m. - 02.00 a.m. | 0.0093 |
| 02.00 a.m. - 03.00 a.m. | 0.0095 |
| 03.00 a.m. - 04.00 a.m. | 0.0113 |
| 04.00 a.m. - 05.00 a.m. | 0.0124 |
| 05.00 a.m. - 06.00 a.m. | 0.0147 |
| 06.00 a.m. - 07.00 a.m. | 0.0098 |
| 07.00 a.m. - 08.00 a.m. | 0.0107 |
| 08.00 a.m. - 09.00 a.m. | 0.0103 |
| 09.00 a.m. - 10.00 a.m. | 0.0118 |
| 10.00 a.m. - 11.00 a.m. | 0.0127 |
| 24 Hour Average | 0.0120 |
| 1 Hour Maximum | 0.0156 |
| 1 Hour Minimum | 0.0093 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธมาด พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนาคาแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

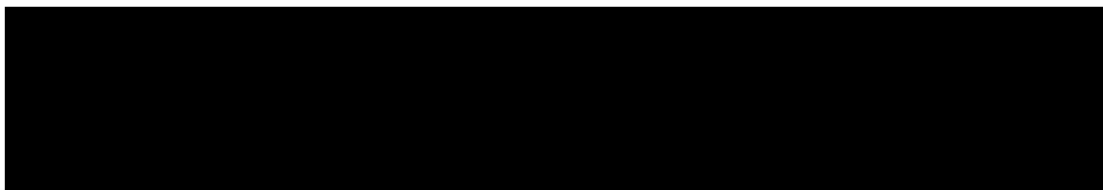
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Ambient Air
Sampling Date : 03 – 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 11.00 a.m. - 12.00 p.m. | 0.0104 |
| 12.00 p.m. - 01.00 p.m. | 0.0157 |
| 01.00 p.m. - 02.00 p.m. | 0.0137 |
| 02.00 p.m. - 03.00 p.m. | 0.0145 |
| 03.00 p.m. - 04.00 p.m. | 0.0139 |
| 04.00 p.m. - 05.00 p.m. | 0.0124 |
| 05.00 p.m. - 06.00 p.m. | 0.0138 |
| 06.00 p.m. - 07.00 p.m. | 0.0117 |
| 07.00 p.m. - 08.00 p.m. | 0.0128 |
| 08.00 p.m. - 09.00 p.m. | 0.0145 |
| 09.00 p.m. - 10.00 p.m. | 0.0162 |
| 10.00 p.m. - 11.00 p.m. | 0.0103 |
| 11.00 p.m. - 00.00 a.m. | 0.0142 |
| 00.00 a.m. - 01.00 a.m. | 0.0174 |
| 01.00 a.m. - 02.00 a.m. | 0.0164 |
| 02.00 a.m. - 03.00 a.m. | 0.0118 |
| 03.00 a.m. - 04.00 a.m. | 0.0104 |
| 04.00 a.m. - 05.00 a.m. | 0.0142 |
| 05.00 a.m. - 06.00 a.m. | 0.0135 |
| 06.00 a.m. - 07.00 a.m. | 0.0138 |
| 07.00 a.m. - 08.00 a.m. | 0.0156 |
| 08.00 a.m. - 09.00 a.m. | 0.0102 |
| 09.00 a.m. - 10.00 a.m. | 0.0094 |
| 10.00 a.m. - 11.00 a.m. | 0.0127 |
| 24 Hour Average | 0.0133 |
| 1 Hour Maximum | 0.0174 |
| 1 Hour Minimum | 0.0094 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิคมชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธมาดัยด์ พัทยาใต้
 (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

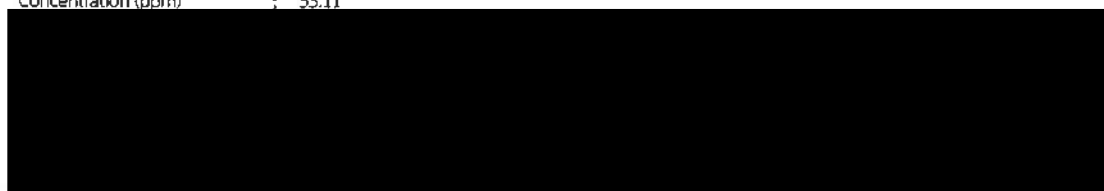
Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 01 ~ 02 January 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0067 |
| 01.00 p.m. - 02.00 p.m. | 0.0054 |
| 02.00 p.m. - 03.00 p.m. | 0.0063 |
| 03.00 p.m. - 04.00 p.m. | 0.0062 |
| 04.00 p.m. - 05.00 p.m. | 0.0071 |
| 05.00 p.m. - 06.00 p.m. | 0.0056 |
| 06.00 p.m. - 07.00 p.m. | 0.0052 |
| 07.00 p.m. - 08.00 p.m. | 0.0044 |
| 08.00 p.m. - 09.00 p.m. | 0.0049 |
| 09.00 p.m. - 10.00 p.m. | 0.0058 |
| 10.00 p.m. - 11.00 p.m. | 0.0056 |
| 11.00 p.m. - 00.00 a.m. | 0.0062 |
| 00.00 a.m. - 01.00 a.m. | 0.0064 |
| 01.00 a.m. - 02.00 a.m. | 0.0035 |
| 02.00 a.m. - 03.00 a.m. | 0.0046 |
| 03.00 a.m. - 04.00 a.m. | 0.0048 |
| 04.00 a.m. - 05.00 a.m. | 0.0039 |
| 05.00 a.m. - 06.00 a.m. | 0.0047 |
| 06.00 a.m. - 07.00 a.m. | 0.0066 |
| 07.00 a.m. - 08.00 a.m. | 0.0039 |
| 08.00 a.m. - 09.00 a.m. | 0.0056 |
| 09.00 a.m. - 10.00 a.m. | 0.0072 |
| 10.00 a.m. - 11.00 a.m. | 0.0071 |
| 11.00 a.m. - 12.00 p.m. | 0.0052 |
| 24 Hour Average | 0.0055 |
| 1 Hour Maximum | 0.0072 |
| 1 Hour Minimum | 0.0035 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. ; 43C and 43C-0427408948
 Calibration Gas Cylinder I.D. ; EB0129027
 Concentration (ppm) ; 55.11





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
Project Name : (Atmind Hotel South Pattaya)
โครงการ โรงแรมแอมายด์ พัทยาใต้
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 02 – 03 January 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0051 |
| 01.00 p.m. - 02.00 p.m. | 0.0063 |
| 02.00 p.m. - 03.00 p.m. | 0.0042 |
| 03.00 p.m. - 04.00 p.m. | 0.0055 |
| 04.00 p.m. - 05.00 p.m. | 0.0083 |
| 05.00 p.m. - 06.00 p.m. | 0.0071 |
| 06.00 p.m. - 07.00 p.m. | 0.0064 |
| 07.00 p.m. - 08.00 p.m. | 0.0056 |
| 08.00 p.m. - 09.00 p.m. | 0.0044 |
| 09.00 p.m. - 10.00 p.m. | 0.0069 |
| 10.00 p.m. - 11.00 p.m. | 0.0058 |
| 11.00 p.m. - 00.00 a.m. | 0.0065 |
| 00.00 a.m. - 01.00 a.m. | 0.0072 |
| 01.00 a.m. - 02.00 a.m. | 0.0074 |
| 02.00 a.m. - 03.00 a.m. | 0.0056 |
| 03.00 a.m. - 04.00 a.m. | 0.0043 |
| 04.00 a.m. - 05.00 a.m. | 0.0052 |
| 05.00 a.m. - 06.00 a.m. | 0.0041 |
| 06.00 a.m. - 07.00 a.m. | 0.0040 |
| 07.00 a.m. - 08.00 a.m. | 0.0053 |
| 08.00 a.m. - 09.00 a.m. | 0.0056 |
| 09.00 a.m. - 10.00 a.m. | 0.0067 |
| 10.00 a.m. - 11.00 a.m. | 0.0074 |
| 11.00 a.m. - 12.00 p.m. | 0.0067 |
| 24 Hour Average | 0.0059 |
| 1 Hour Maximum | 0.0083 |
| 1 Hour Minimum | 0.0040 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948

Calibration Gas Cylinder I.D. : EB0129027

Concentration (ppm) : 55.11

Expiry Date : 01-09-2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
Project Name : (Atmind Hotel South Pattaya)
โครงการ โรงแรมแอทธามาย์ พัทยาใต้
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

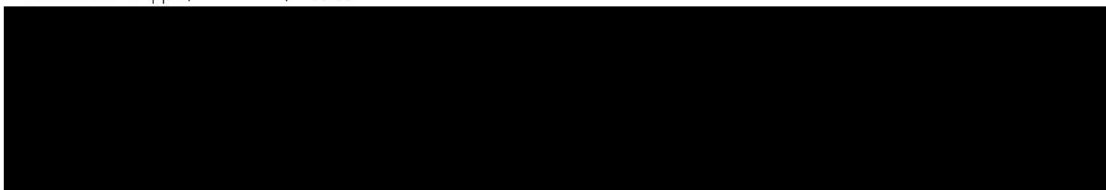
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 03 – 04 January 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0064 |
| 01.00 p.m. - 02.00 p.m. | 0.0054 |
| 02.00 p.m. - 03.00 p.m. | 0.0049 |
| 03.00 p.m. - 04.00 p.m. | 0.0048 |
| 04.00 p.m. - 05.00 p.m. | 0.0066 |
| 05.00 p.m. - 06.00 p.m. | 0.0068 |
| 06.00 p.m. - 07.00 p.m. | 0.0057 |
| 07.00 p.m. - 08.00 p.m. | 0.0073 |
| 08.00 p.m. - 09.00 p.m. | 0.0042 |
| 09.00 p.m. - 10.00 p.m. | 0.0076 |
| 10.00 p.m. - 11.00 p.m. | 0.0029 |
| 11.00 p.m. - 00.00 a.m. | 0.0067 |
| 00.00 a.m. - 01.00 a.m. | 0.0074 |
| 01.00 a.m. - 02.00 a.m. | 0.0048 |
| 02.00 a.m. - 03.00 a.m. | 0.0056 |
| 03.00 a.m. - 04.00 a.m. | 0.0067 |
| 04.00 a.m. - 05.00 a.m. | 0.0071 |
| 05.00 a.m. - 06.00 a.m. | 0.0048 |
| 06.00 a.m. - 07.00 a.m. | 0.0065 |
| 07.00 a.m. - 08.00 a.m. | 0.0059 |
| 08.00 a.m. - 09.00 a.m. | 0.0046 |
| 09.00 a.m. - 10.00 a.m. | 0.0062 |
| 10.00 a.m. - 11.00 a.m. | 0.0067 |
| 11.00 a.m. - 12.00 p.m. | 0.0073 |
| 24 Hour Average | 0.0060 |
| 1 Hour Maximum | 0.0076 |
| 1 Hour Minimum | 0.0029 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere
: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11



ด้วยวิธีมาตรฐาน (Standard Method)



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภูเก็ตแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมขนาดมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 01 – 02 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 11.00 a.m. - 12.00 p.m. | 0.0044 |
| 12.00 p.m. - 01.00 p.m. | 0.0052 |
| 01.00 p.m. - 02.00 p.m. | 0.0063 |
| 02.00 p.m. - 03.00 p.m. | 0.0054 |
| 03.00 p.m. - 04.00 p.m. | 0.0047 |
| 04.00 p.m. - 05.00 p.m. | 0.0043 |
| 05.00 p.m. - 06.00 p.m. | 0.0065 |
| 06.00 p.m. - 07.00 p.m. | 0.0043 |
| 07.00 p.m. - 08.00 p.m. | 0.0021 |
| 08.00 p.m. - 09.00 p.m. | 0.0025 |
| 09.00 p.m. - 10.00 p.m. | 0.0034 |
| 10.00 p.m. - 11.00 p.m. | 0.0037 |
| 11.00 p.m. - 00.00 a.m. | 0.0042 |
| 00.00 a.m. - 01.00 a.m. | 0.0046 |
| 01.00 a.m. - 02.00 a.m. | 0.0031 |
| 02.00 a.m. - 03.00 a.m. | 0.0037 |
| 03.00 a.m. - 04.00 a.m. | 0.0045 |
| 04.00 a.m. - 05.00 a.m. | 0.0031 |
| 05.00 a.m. - 06.00 a.m. | 0.0027 |
| 06.00 a.m. - 07.00 a.m. | 0.0016 |
| 07.00 a.m. - 08.00 a.m. | 0.0025 |
| 08.00 a.m. - 09.00 a.m. | 0.0024 |
| 09.00 a.m. - 10.00 a.m. | 0.0032 |
| 10.00 a.m. - 11.00 a.m. | 0.0039 |
| 24 Hour Average | 0.0038 |
| 1 Hour Maximum | 0.0065 |
| 1 Hour Minimum | 0.0016 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027



บริษัท ทีเอ็นพี เอ็นvironment จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 02 – 03 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : UV Fluorescence

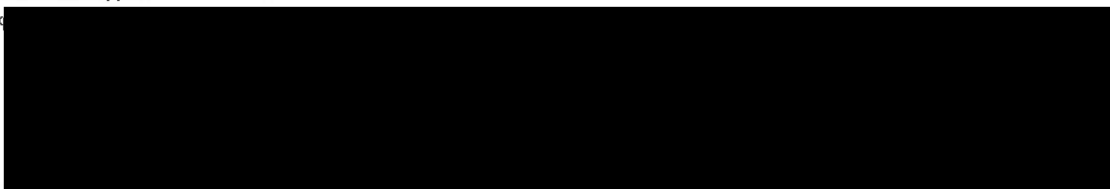
| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 11.00 a.m. - 12.00 p.m. | 0.0053 |
| 12.00 p.m. - 01.00 p.m. | 0.0052 |
| 01.00 p.m. - 02.00 p.m. | 0.0044 |
| 02.00 p.m. - 03.00 p.m. | 0.0039 |
| 03.00 p.m. - 04.00 p.m. | 0.0036 |
| 04.00 p.m. - 05.00 p.m. | 0.0051 |
| 05.00 p.m. - 06.00 p.m. | 0.0026 |
| 06.00 p.m. - 07.00 p.m. | 0.0027 |
| 07.00 p.m. - 08.00 p.m. | 0.0034 |
| 08.00 p.m. - 09.00 p.m. | 0.0029 |
| 09.00 p.m. - 10.00 p.m. | 0.0035 |
| 10.00 p.m. - 11.00 p.m. | 0.0018 |
| 11.00 p.m. - 00.00 a.m. | 0.0023 |
| 00.00 a.m. - 01.00 a.m. | 0.0017 |
| 01.00 a.m. - 02.00 a.m. | 0.0024 |
| 02.00 a.m. - 03.00 a.m. | 0.0032 |
| 03.00 a.m. - 04.00 a.m. | 0.0029 |
| 04.00 a.m. - 05.00 a.m. | 0.0026 |
| 05.00 a.m. - 06.00 a.m. | 0.0035 |
| 06.00 a.m. - 07.00 a.m. | 0.0042 |
| 07.00 a.m. - 08.00 a.m. | 0.0047 |
| 08.00 a.m. - 09.00 a.m. | 0.0041 |
| 09.00 a.m. - 10.00 a.m. | 0.0036 |
| 10.00 a.m. - 11.00 a.m. | 0.0031 |
| 24 Hour Average | 0.0034 |
| 1 Hour Maximum | 0.0053 |
| 1 Hour Minimum | 0.0017 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11

Ex





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐฉินแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704330 E 1429375 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

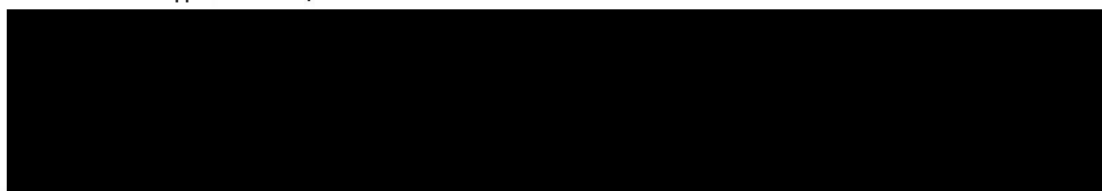
Report No. : S68033
Sample No. : S68033/8
Sample Type : Ambient Air
Sampling Date : 03 - 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 - 12 February 2025
Report Date : 13 February 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 11.00 a.m. - 12.00 p.m. | 0.0042 |
| 12.00 p.m. - 01.00 p.m. | 0.0038 |
| 01.00 p.m. - 02.00 p.m. | 0.0036 |
| 02.00 p.m. - 03.00 p.m. | 0.0041 |
| 03.00 p.m. - 04.00 p.m. | 0.0033 |
| 04.00 p.m. - 05.00 p.m. | 0.0037 |
| 05.00 p.m. - 06.00 p.m. | 0.0048 |
| 06.00 p.m. - 07.00 p.m. | 0.0045 |
| 07.00 p.m. - 08.00 p.m. | 0.0039 |
| 08.00 p.m. - 09.00 p.m. | 0.0031 |
| 09.00 p.m. - 10.00 p.m. | 0.0027 |
| 10.00 p.m. - 11.00 p.m. | 0.0026 |
| 11.00 p.m. - 00.00 a.m. | 0.0022 |
| 00.00 a.m. - 01.00 a.m. | 0.0017 |
| 01.00 a.m. - 02.00 a.m. | 0.0026 |
| 02.00 a.m. - 03.00 a.m. | 0.0018 |
| 03.00 a.m. - 04.00 a.m. | 0.0015 |
| 04.00 a.m. - 05.00 a.m. | 0.0033 |
| 05.00 a.m. - 06.00 a.m. | 0.0026 |
| 06.00 a.m. - 07.00 a.m. | 0.0029 |
| 07.00 a.m. - 08.00 a.m. | 0.0034 |
| 08.00 a.m. - 09.00 a.m. | 0.0045 |
| 09.00 a.m. - 10.00 a.m. | 0.0051 |
| 10.00 a.m. - 11.00 a.m. | 0.0047 |
| 24 Hour Average | 0.0034 |
| 1 Hour Maximum | 0.0051 |
| 1 Hour Minimum | 0.0015 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11



บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429375 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 01 – 03 February 2025
Sampling Time : 12.00 p.m.
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/3 | 01/02/2025 | 0.821 | 1.249 | 2.070 |
| S68033/5 | 02/02/2025 | 0.796 | 1.181 | 1.977 |
| S68033/7 | 03/02/2025 | 0.834 | 1.247 | 2.081 |

Remark : Model and Serial No. : APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. : E80123130
Concentration (ppm) : 183.0
Expire Date : Dec 06, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
Address Project : (Atmind Hotel South Pattaya)
ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704356 E 1429415 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 01 – 03 February 2025
Sampling Time : 11.30 a.m.
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/4 | 01/02/2025 | 0.802 | 1.195 | 1.997 |
| S68033/6 | 02/02/2025 | 0.773 | 1.136 | 1.909 |
| S68033/8 | 03/02/2025 | 0.811 | 1.206 | 2.017 |

Remark : Model and Serial No. : APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. : EB0123130
Concentration (ppm) : 183.0
Expire Date : Dec 06, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวิมลแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 17 – 20 March 2025
Sampling Time : 10.14 a.m.
Received Date : 24 March 2025
Analytical Date : 24 – 31 March 2025
Report Date : 01 April 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------------|-----------------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/3 | 17-18/03/2025 | 0.0764 | 0.0379 |
| 2. | S68033/5 | 18-19/03/2025 | 0.1083 | 0.0540 |
| 3. | S68033/7 | 19-20/03/2025 | 0.0968 | 0.0482 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. : TNP-F-01-TSP and TNP-F-01-PM10
Calibrator Model and Serial No. : TE-5028 and 3945
Calibrator Expire Date : Sep 27, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 17 – 20 March 2025
Sampling Time : 10.47 a.m.
Received Date : 24 March 2025
Analytical Date : 24 – 31 March 2025
Report Date : 01 April 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------|-----------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/4 | 17-18/03/2025 | 0.0388 | 0.0192 |
| 2. | S68033/6 | 18-19/03/2025 | 0.0485 | 0.0239 |
| 3. | S68033/8 | 19-20/03/2025 | 0.0365 | 0.0178 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : U.S.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. ; TNP-F-03-TSP and TNP-F-04-PM10
Calibrator Model and Serial No. ; TE-5028 and 3945
Calibrator Expire Date ; Sep 27, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาใต้ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

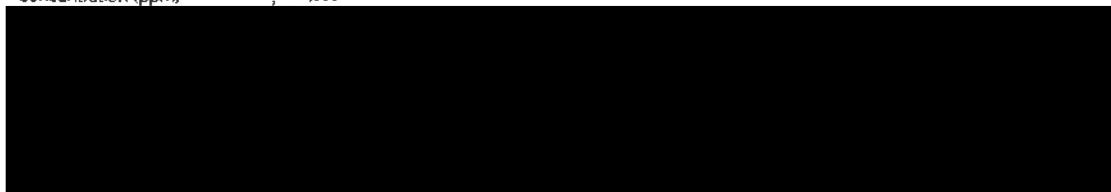
Data Provided by Laboratory

Report No. : 568033
Sample No. : 568033/3
Sample Type : Ambient Air
Sampling Date : 17 – 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 10.00 a.m. - 11.00 a.m. | 1.3410 |
| 11.00 a.m. - 12.00 p.m. | 1.2050 |
| 12.00 p.m. - 01.00 p.m. | 1.5230 |
| 01.00 p.m. - 02.00 p.m. | 1.7940 |
| 02.00 p.m. - 03.00 p.m. | 2.5560 |
| 03.00 p.m. - 04.00 p.m. | 2.6770 |
| 04.00 p.m. - 05.00 p.m. | 2.6070 |
| 05.00 p.m. - 06.00 p.m. | 2.4670 |
| 06.00 p.m. - 07.00 p.m. | 2.6110 |
| 07.00 p.m. - 08.00 p.m. | 2.6290 |
| 08.00 p.m. - 09.00 p.m. | 2.5990 |
| 09.00 p.m. - 10.00 p.m. | 2.5590 |
| 10.00 p.m. - 11.00 p.m. | 2.5890 |
| 11.00 p.m. - 00.00 a.m. | 2.6580 |
| 00.00 a.m. - 01.00 a.m. | 2.6390 |
| 01.00 a.m. - 02.00 a.m. | 2.5760 |
| 02.00 a.m. - 03.00 a.m. | 2.5840 |
| 03.00 a.m. - 04.00 a.m. | 2.5850 |
| 04.00 a.m. - 05.00 a.m. | 2.6280 |
| 05.00 a.m. - 06.00 a.m. | 2.5280 |
| 06.00 a.m. - 07.00 a.m. | 2.6420 |
| 07.00 a.m. - 08.00 a.m. | 2.3450 |
| 08.00 a.m. - 09.00 a.m. | 2.1240 |
| 09.00 a.m. - 10.00 a.m. | 2.5630 |
| 8 Hour Average | 2.6075 |
| 1 Hour Maximum | 2.6770 |
| 1 Hour Minimum | 1.2050 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535



บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 18 – 19 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 10.00 a.m. - 11.00 a.m. | 2.3190 |
| 11.00 a.m. - 12.00 p.m. | 1.7070 |
| 12.00 p.m. - 01.00 p.m. | 1.7450 |
| 01.00 p.m. - 02.00 p.m. | 2.3560 |
| 02.00 p.m. - 03.00 p.m. | 2.4640 |
| 03.00 p.m. - 04.00 p.m. | 2.4280 |
| 04.00 p.m. - 05.00 p.m. | 2.4510 |
| 05.00 p.m. - 06.00 p.m. | 2.0780 |
| 06.00 p.m. - 07.00 p.m. | 2.0580 |
| 07.00 p.m. - 08.00 p.m. | 2.0380 |
| 08.00 p.m. - 09.00 p.m. | 2.6480 |
| 09.00 p.m. - 10.00 p.m. | 2.6160 |
| 10.00 p.m. - 11.00 p.m. | 2.6020 |
| 11.00 p.m. - 00.00 a.m. | 2.6500 |
| 00.00 a.m. - 01.00 a.m. | 2.6020 |
| 01.00 a.m. - 02.00 a.m. | 2.5510 |
| 02.00 a.m. - 03.00 a.m. | 2.6900 |
| 03.00 a.m. - 04.00 a.m. | 2.0830 |
| 04.00 a.m. - 05.00 a.m. | 1.9230 |
| 05.00 a.m. - 06.00 a.m. | 1.6270 |
| 06.00 a.m. - 07.00 a.m. | 2.5300 |
| 07.00 a.m. - 08.00 a.m. | 2.5900 |
| 08.00 a.m. - 09.00 a.m. | 2.5120 |
| 09.00 a.m. - 10.00 a.m. | 2.4740 |
| 8 Hour Average | 2.5553 |
| 1 Hour Maximum | 2.6900 |
| 1 Hour Minimum | 1.6270 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535

Ex



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิคมขั้น จำกัด
Project Name : โครงการ โรงแรมแอทธาไฮด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

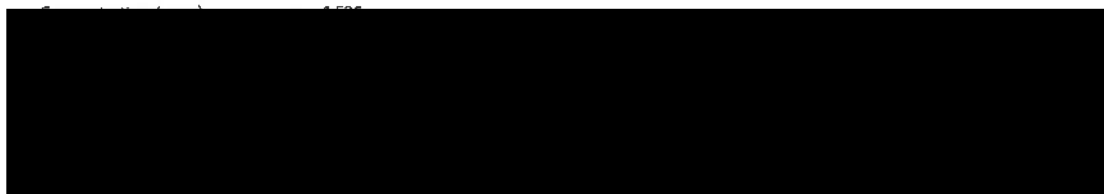
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 19 – 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 10.00 a.m. - 11.00 a.m. | 2.4260 |
| 11.00 a.m. - 12.00 p.m. | 2.7940 |
| 12.00 p.m. - 01.00 p.m. | 2.8830 |
| 01.00 p.m. - 02.00 p.m. | 2.8830 |
| 02.00 p.m. - 03.00 p.m. | 2.4820 |
| 03.00 p.m. - 04.00 p.m. | 2.4480 |
| 04.00 p.m. - 05.00 p.m. | 2.5470 |
| 05.00 p.m. - 06.00 p.m. | 2.5350 |
| 06.00 p.m. - 07.00 p.m. | 2.6070 |
| 07.00 p.m. - 08.00 p.m. | 2.8160 |
| 08.00 p.m. - 09.00 p.m. | 2.5670 |
| 09.00 p.m. - 10.00 p.m. | 2.5290 |
| 10.00 p.m. - 11.00 p.m. | 2.6170 |
| 11.00 p.m. - 00.00 a.m. | 2.6170 |
| 00.00 a.m. - 01.00 a.m. | 2.6800 |
| 01.00 a.m. - 02.00 a.m. | 2.7250 |
| 02.00 a.m. - 03.00 a.m. | 2.6160 |
| 03.00 a.m. - 04.00 a.m. | 2.6010 |
| 04.00 a.m. - 05.00 a.m. | 2.5690 |
| 05.00 a.m. - 06.00 a.m. | 2.6030 |
| 06.00 a.m. - 07.00 a.m. | 2.6660 |
| 07.00 a.m. - 08.00 a.m. | 2.5980 |
| 08.00 a.m. - 09.00 a.m. | 2.5260 |
| 09.00 a.m. - 10.00 a.m. | 2.5380 |
| 8 Hour Average | 2.6501 |
| 1 Hour Maximum | 2.8830 |
| 1 Hour Minimum | 2.4260 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027



วันที่ 27 มีนาคม 2567



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atrmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 17 – 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 10.00 a.m. - 11.00 a.m. | 1.1534 |
| 11.00 a.m. - 12.00 p.m. | 1.1629 |
| 12.00 p.m. - 01.00 p.m. | 1.1662 |
| 01.00 p.m. - 02.00 p.m. | 1.1563 |
| 02.00 p.m. - 03.00 p.m. | 1.1562 |
| 03.00 p.m. - 04.00 p.m. | 1.1561 |
| 04.00 p.m. - 05.00 p.m. | 1.1565 |
| 05.00 p.m. - 06.00 p.m. | 1.1564 |
| 06.00 p.m. - 07.00 p.m. | 1.1562 |
| 07.00 p.m. - 08.00 p.m. | 1.1564 |
| 08.00 p.m. - 09.00 p.m. | 1.1561 |
| 09.00 p.m. - 10.00 p.m. | 1.1564 |
| 10.00 p.m. - 11.00 p.m. | 1.1562 |
| 11.00 p.m. - 00.00 a.m. | 1.1561 |
| 00.00 a.m. - 01.00 a.m. | 1.1563 |
| 01.00 a.m. - 02.00 a.m. | 1.1564 |
| 02.00 a.m. - 03.00 a.m. | 1.1564 |
| 03.00 a.m. - 04.00 a.m. | 1.1563 |
| 04.00 a.m. - 05.00 a.m. | 1.1564 |
| 05.00 a.m. - 06.00 a.m. | 1.1565 |
| 06.00 a.m. - 07.00 a.m. | 1.1561 |
| 07.00 a.m. - 08.00 a.m. | 1.1727 |
| 08.00 a.m. - 09.00 a.m. | 1.1569 |
| 09.00 a.m. - 10.00 a.m. | 1.1674 |
| 8 Hour Average | 1.1598 |
| 1 Hour Maximum | 1.1727 |
| 1 Hour Minimum | 1.1534 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. ; 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 4,535
Expire Date ; Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคมนาคนแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 18 - 19 March 2025
Received Date : 24 March 2025
Analytical Date : 24 - 26 March 2025
Report Date : 27 March 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 10.00 a.m. - 11.00 a.m. | 1.1611 |
| 11.00 a.m. - 12.00 p.m. | 1.1719 |
| 12.00 p.m. - 01.00 p.m. | 1.1789 |
| 01.00 p.m. - 02.00 p.m. | 1.1567 |
| 02.00 p.m. - 03.00 p.m. | 1.1568 |
| 03.00 p.m. - 04.00 p.m. | 1.1567 |
| 04.00 p.m. - 05.00 p.m. | 1.1569 |
| 05.00 p.m. - 06.00 p.m. | 1.1677 |
| 06.00 p.m. - 07.00 p.m. | 1.1623 |
| 07.00 p.m. - 08.00 p.m. | 1.1563 |
| 08.00 p.m. - 09.00 p.m. | 1.1562 |
| 09.00 p.m. - 10.00 p.m. | 1.1563 |
| 10.00 p.m. - 11.00 p.m. | 1.1561 |
| 11.00 p.m. - 00.00 a.m. | 1.1562 |
| 00.00 a.m. - 01.00 a.m. | 1.1563 |
| 01.00 a.m. - 02.00 a.m. | 1.1562 |
| 02.00 a.m. - 03.00 a.m. | 1.1558 |
| 03.00 a.m. - 04.00 a.m. | 1.1596 |
| 04.00 a.m. - 05.00 a.m. | 1.1642 |
| 05.00 a.m. - 06.00 a.m. | 1.1564 |
| 06.00 a.m. - 07.00 a.m. | 1.1562 |
| 07.00 a.m. - 08.00 a.m. | 1.1561 |
| 08.00 a.m. - 09.00 a.m. | 1.1567 |
| 09.00 a.m. - 10.00 a.m. | 1.1563 |
| 8 Hour Average | 1.1635 |
| 1 Hour Maximum | 1.1789 |
| 1 Hour Minimum | 1.1558 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Expire Date : Oct 28, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวเสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรวิวัฒน์ จำกัด
Project Name : โครงการ โรงแรมแอทธมาйд พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

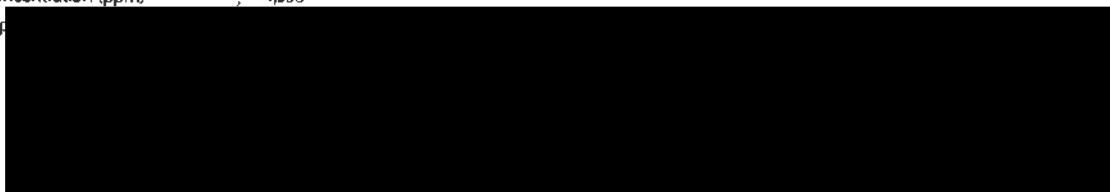
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Ambient Air
Sampling Date : 19 – 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 10.00 a.m. - 11.00 a.m. | 1.1522 |
| 11.00 a.m. - 12.00 p.m. | 1.1523 |
| 12.00 p.m. - 01.00 p.m. | 1.1564 |
| 01.00 p.m. - 02.00 p.m. | 1.1565 |
| 02.00 p.m. - 03.00 p.m. | 1.1566 |
| 03.00 p.m. - 04.00 p.m. | 1.1563 |
| 04.00 p.m. - 05.00 p.m. | 1.1560 |
| 05.00 p.m. - 06.00 p.m. | 1.1565 |
| 06.00 p.m. - 07.00 p.m. | 1.1559 |
| 07.00 p.m. - 08.00 p.m. | 1.1562 |
| 08.00 p.m. - 09.00 p.m. | 1.1565 |
| 09.00 p.m. - 10.00 p.m. | 1.1563 |
| 10.00 p.m. - 11.00 p.m. | 1.1562 |
| 11.00 p.m. - 00.00 a.m. | 1.1563 |
| 00.00 a.m. - 01.00 a.m. | 1.1559 |
| 01.00 a.m. - 02.00 a.m. | 1.1561 |
| 02.00 a.m. - 03.00 a.m. | 1.1564 |
| 03.00 a.m. - 04.00 a.m. | 1.1563 |
| 04.00 a.m. - 05.00 a.m. | 1.1565 |
| 05.00 a.m. - 06.00 a.m. | 1.1560 |
| 06.00 a.m. - 07.00 a.m. | 1.1563 |
| 07.00 a.m. - 08.00 a.m. | 1.1564 |
| 08.00 a.m. - 09.00 a.m. | 1.1564 |
| 09.00 a.m. - 10.00 a.m. | 1.1565 |
| 8 Hour Average | 1.1564 |
| 1 Hour Maximum | 1.1566 |
| 1 Hour Minimum | 1.1522 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Exp



Signature of the Analyst



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

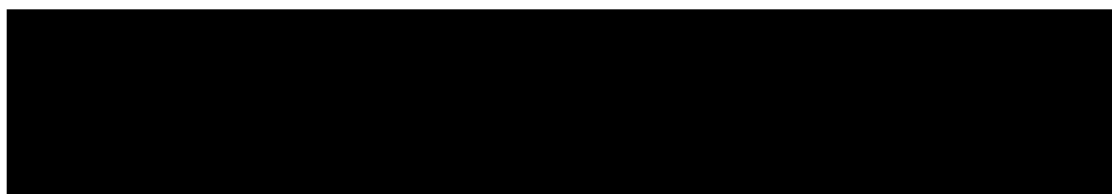
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 17 – 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0214 |
| 11.00 a.m. - 12.00 p.m. | 0.0226 |
| 12.00 p.m. - 01.00 p.m. | 0.0208 |
| 01.00 p.m. - 02.00 p.m. | 0.0243 |
| 02.00 p.m. - 03.00 p.m. | 0.0247 |
| 03.00 p.m. - 04.00 p.m. | 0.0238 |
| 04.00 p.m. - 05.00 p.m. | 0.0243 |
| 05.00 p.m. - 06.00 p.m. | 0.0239 |
| 06.00 p.m. - 07.00 p.m. | 0.0226 |
| 07.00 p.m. - 08.00 p.m. | 0.0227 |
| 08.00 p.m. - 09.00 p.m. | 0.0213 |
| 09.00 p.m. - 10.00 p.m. | 0.0225 |
| 10.00 p.m. - 11.00 p.m. | 0.0210 |
| 11.00 p.m. - 00.00 a.m. | 0.0203 |
| 00.00 a.m. - 01.00 a.m. | 0.0209 |
| 01.00 a.m. - 02.00 a.m. | 0.0195 |
| 02.00 a.m. - 03.00 a.m. | 0.0196 |
| 03.00 a.m. - 04.00 a.m. | 0.0182 |
| 04.00 a.m. - 05.00 a.m. | 0.0186 |
| 05.00 a.m. - 06.00 a.m. | 0.0187 |
| 06.00 a.m. - 07.00 a.m. | 0.0192 |
| 07.00 a.m. - 08.00 a.m. | 0.0195 |
| 08.00 a.m. - 09.00 a.m. | 0.0195 |
| 09.00 a.m. - 10.00 a.m. | 0.0213 |
| 24 Hour Average | 0.0213 |
| 1 Hour Maximum | 0.0247 |
| 1 Hour Minimum | 0.0182 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

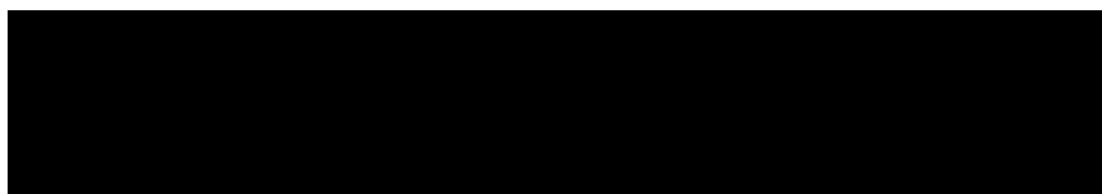
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 18 – 19 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0227 |
| 11.00 a.m. - 12.00 p.m. | 0.0218 |
| 12.00 p.m. - 01.00 p.m. | 0.0216 |
| 01.00 p.m. - 02.00 p.m. | 0.0227 |
| 02.00 p.m. - 03.00 p.m. | 0.0223 |
| 03.00 p.m. - 04.00 p.m. | 0.0226 |
| 04.00 p.m. - 05.00 p.m. | 0.0221 |
| 05.00 p.m. - 06.00 p.m. | 0.0236 |
| 06.00 p.m. - 07.00 p.m. | 0.0231 |
| 07.00 p.m. - 08.00 p.m. | 0.0225 |
| 08.00 p.m. - 09.00 p.m. | 0.0214 |
| 09.00 p.m. - 10.00 p.m. | 0.0215 |
| 10.00 p.m. - 11.00 p.m. | 0.0208 |
| 11.00 p.m. - 00.00 a.m. | 0.0235 |
| 00.00 a.m. - 01.00 a.m. | 0.0216 |
| 01.00 a.m. - 02.00 a.m. | 0.0205 |
| 02.00 a.m. - 03.00 a.m. | 0.0207 |
| 03.00 a.m. - 04.00 a.m. | 0.0195 |
| 04.00 a.m. - 05.00 a.m. | 0.0184 |
| 05.00 a.m. - 06.00 a.m. | 0.0176 |
| 06.00 a.m. - 07.00 a.m. | 0.0179 |
| 07.00 a.m. - 08.00 a.m. | 0.0184 |
| 08.00 a.m. - 09.00 a.m. | 0.0182 |
| 09.00 a.m. - 10.00 a.m. | 0.0195 |
| 24 Hour Average | 0.0210 |
| 1 Hour Maximum | 0.0236 |
| 1 Hour Minimum | 0.0176 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : E60129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



บริษัท อนุรักษ์นิเวศน์ จำกัด
มีหน้าที่รับผิดชอบในการวิเคราะห์



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์ดินแดนชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

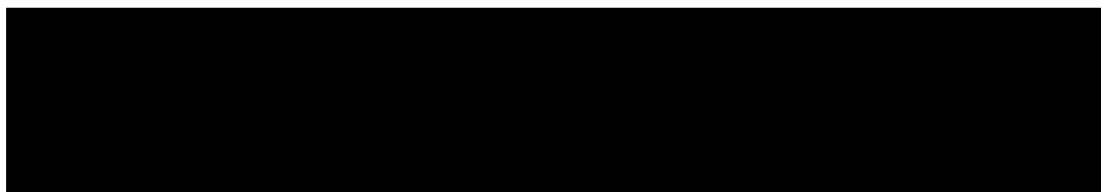
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 19 – 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0226 |
| 11.00 a.m. - 12.00 p.m. | 0.0235 |
| 12.00 p.m. - 01.00 p.m. | 0.0231 |
| 01.00 p.m. - 02.00 p.m. | 0.0215 |
| 02.00 p.m. - 03.00 p.m. | 0.0241 |
| 03.00 p.m. - 04.00 p.m. | 0.0256 |
| 04.00 p.m. - 05.00 p.m. | 0.0251 |
| 05.00 p.m. - 06.00 p.m. | 0.0229 |
| 06.00 p.m. - 07.00 p.m. | 0.0215 |
| 07.00 p.m. - 08.00 p.m. | 0.0195 |
| 08.00 p.m. - 09.00 p.m. | 0.0196 |
| 09.00 p.m. - 10.00 p.m. | 0.0195 |
| 10.00 p.m. - 11.00 p.m. | 0.0204 |
| 11.00 p.m. - 00.00 a.m. | 0.0185 |
| 00.00 a.m. - 01.00 a.m. | 0.0186 |
| 01.00 a.m. - 02.00 a.m. | 0.0192 |
| 02.00 a.m. - 03.00 a.m. | 0.0190 |
| 03.00 a.m. - 04.00 a.m. | 0.0201 |
| 04.00 a.m. - 05.00 a.m. | 0.0216 |
| 05.00 a.m. - 06.00 a.m. | 0.0225 |
| 06.00 a.m. - 07.00 a.m. | 0.0246 |
| 07.00 a.m. - 08.00 a.m. | 0.0253 |
| 08.00 a.m. - 09.00 a.m. | 0.0186 |
| 09.00 a.m. - 10.00 a.m. | 0.0189 |
| 24 Hour Average | 0.0215 |
| 1 Hour Maximum | 0.0256 |
| 1 Hour Minimum | 0.0185 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. ; 42C and 42C-70987-367
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 55.47
Expire Date ; Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท วัชรวิดิแมกซ์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรมคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

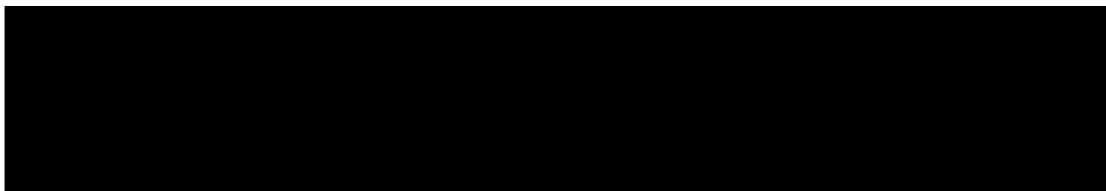
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 17 – 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0154 |
| 11.00 a.m. - 12.00 p.m. | 0.0149 |
| 12.00 p.m. - 01.00 p.m. | 0.0152 |
| 01.00 p.m. - 02.00 p.m. | 0.0156 |
| 02.00 p.m. - 03.00 p.m. | 0.0143 |
| 03.00 p.m. - 04.00 p.m. | 0.0165 |
| 04.00 p.m. - 05.00 p.m. | 0.0162 |
| 05.00 p.m. - 06.00 p.m. | 0.0158 |
| 06.00 p.m. - 07.00 p.m. | 0.0152 |
| 07.00 p.m. - 08.00 p.m. | 0.0163 |
| 08.00 p.m. - 09.00 p.m. | 0.0159 |
| 09.00 p.m. - 10.00 p.m. | 0.0154 |
| 10.00 p.m. - 11.00 p.m. | 0.0132 |
| 11.00 p.m. - 00.00 a.m. | 0.0137 |
| 00.00 a.m. - 01.00 a.m. | 0.0146 |
| 01.00 a.m. - 02.00 a.m. | 0.0145 |
| 02.00 a.m. - 03.00 a.m. | 0.0147 |
| 03.00 a.m. - 04.00 a.m. | 0.0152 |
| 04.00 a.m. - 05.00 a.m. | 0.0156 |
| 05.00 a.m. - 06.00 a.m. | 0.0142 |
| 06.00 a.m. - 07.00 a.m. | 0.0162 |
| 07.00 a.m. - 08.00 a.m. | 0.0148 |
| 08.00 a.m. - 09.00 a.m. | 0.0139 |
| 09.00 a.m. - 10.00 a.m. | 0.0147 |
| 24 Hour Average | 0.0151 |
| 1 Hour Maximum | 0.0165 |
| 1 Hour Minimum | 0.0132 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atrnind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

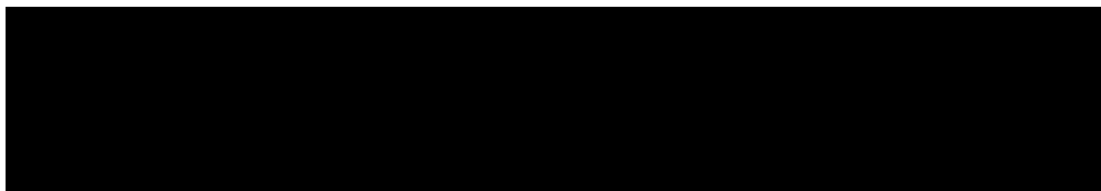
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 18 – 19 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0136 |
| 11.00 a.m. - 12.00 p.m. | 0.0169 |
| 12.00 p.m. - 01.00 p.m. | 0.0145 |
| 01.00 p.m. - 02.00 p.m. | 0.0147 |
| 02.00 p.m. - 03.00 p.m. | 0.0152 |
| 03.00 p.m. - 04.00 p.m. | 0.0169 |
| 04.00 p.m. - 05.00 p.m. | 0.0165 |
| 05.00 p.m. - 06.00 p.m. | 0.0144 |
| 06.00 p.m. - 07.00 p.m. | 0.0156 |
| 07.00 p.m. - 08.00 p.m. | 0.0158 |
| 08.00 p.m. - 09.00 p.m. | 0.0135 |
| 09.00 p.m. - 10.00 p.m. | 0.0142 |
| 10.00 p.m. - 11.00 p.m. | 0.0146 |
| 11.00 p.m. - 00.00 a.m. | 0.0151 |
| 00.00 a.m. - 01.00 a.m. | 0.0139 |
| 01.00 a.m. - 02.00 a.m. | 0.0144 |
| 02.00 a.m. - 03.00 a.m. | 0.0152 |
| 03.00 a.m. - 04.00 a.m. | 0.0124 |
| 04.00 a.m. - 05.00 a.m. | 0.0147 |
| 05.00 a.m. - 06.00 a.m. | 0.0125 |
| 06.00 a.m. - 07.00 a.m. | 0.0152 |
| 07.00 a.m. - 08.00 a.m. | 0.0123 |
| 08.00 a.m. - 09.00 a.m. | 0.0134 |
| 09.00 a.m. - 10.00 a.m. | 0.0142 |
| 24 Hour Average | 0.0146 |
| 1 Hour Maximum | 0.0169 |
| 1 Hour Minimum | 0.0123 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide In the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวเสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐฉินแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรมนาคมนแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Ambient Air
Sampling Date : 19 – 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0146 |
| 11.00 a.m. - 12.00 p.m. | 0.0152 |
| 12.00 p.m. - 01.00 p.m. | 0.0163 |
| 01.00 p.m. - 02.00 p.m. | 0.0152 |
| 02.00 p.m. - 03.00 p.m. | 0.0169 |
| 03.00 p.m. - 04.00 p.m. | 0.0164 |
| 04.00 p.m. - 05.00 p.m. | 0.0174 |
| 05.00 p.m. - 06.00 p.m. | 0.0171 |
| 06.00 p.m. - 07.00 p.m. | 0.0162 |
| 07.00 p.m. - 08.00 p.m. | 0.0153 |
| 08.00 p.m. - 09.00 p.m. | 0.0159 |
| 09.00 p.m. - 10.00 p.m. | 0.0148 |
| 10.00 p.m. - 11.00 p.m. | 0.0159 |
| 11.00 p.m. - 00.00 a.m. | 0.0164 |
| 00.00 a.m. - 01.00 a.m. | 0.0163 |
| 01.00 a.m. - 02.00 a.m. | 0.0172 |
| 02.00 a.m. - 03.00 a.m. | 0.0162 |
| 03.00 a.m. - 04.00 a.m. | 0.0142 |
| 04.00 a.m. - 05.00 a.m. | 0.0137 |
| 05.00 a.m. - 06.00 a.m. | 0.0139 |
| 06.00 a.m. - 07.00 a.m. | 0.0145 |
| 07.00 a.m. - 08.00 a.m. | 0.0152 |
| 08.00 a.m. - 09.00 a.m. | 0.0156 |
| 09.00 a.m. - 10.00 a.m. | 0.0162 |
| 24 Hour Average | 0.0157 |
| 1 Hour Maximum | 0.0174 |
| 1 Hour Minimum | 0.0137 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide In the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027

TNP ENVIRONMENT CO.,LTD.
ศูนย์บริการลูกค้า



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 17 – 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0067 |
| 11.00 a.m. - 12.00 p.m. | 0.0064 |
| 12.00 p.m. - 01.00 p.m. | 0.0066 |
| 01.00 p.m. - 02.00 p.m. | 0.0058 |
| 02.00 p.m. - 03.00 p.m. | 0.0059 |
| 03.00 p.m. - 04.00 p.m. | 0.0071 |
| 04.00 p.m. - 05.00 p.m. | 0.0073 |
| 05.00 p.m. - 06.00 p.m. | 0.0068 |
| 06.00 p.m. - 07.00 p.m. | 0.0069 |
| 07.00 p.m. - 08.00 p.m. | 0.0059 |
| 08.00 p.m. - 09.00 p.m. | 0.0058 |
| 09.00 p.m. - 10.00 p.m. | 0.0056 |
| 10.00 p.m. - 11.00 p.m. | 0.0068 |
| 11.00 p.m. - 00.00 a.m. | 0.0058 |
| 00.00 a.m. - 01.00 a.m. | 0.0049 |
| 01.00 a.m. - 02.00 a.m. | 0.0058 |
| 02.00 a.m. - 03.00 a.m. | 0.0052 |
| 03.00 a.m. - 04.00 a.m. | 0.0061 |
| 04.00 a.m. - 05.00 a.m. | 0.0056 |
| 05.00 a.m. - 06.00 a.m. | 0.0053 |
| 06.00 a.m. - 07.00 a.m. | 0.0055 |
| 07.00 a.m. - 08.00 a.m. | 0.0069 |
| 08.00 a.m. - 09.00 a.m. | 0.0063 |
| 09.00 a.m. - 10.00 a.m. | 0.0068 |
| 24 Hour Average | 0.0062 |
| 1 Hour Maximum | 0.0073 |
| 1 Hour Minimum | 0.0049 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 18 – 19 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0058 |
| 11.00 a.m. - 12.00 p.m. | 0.0061 |
| 12.00 p.m. - 01.00 p.m. | 0.0058 |
| 01.00 p.m. - 02.00 p.m. | 0.0057 |
| 02.00 p.m. - 03.00 p.m. | 0.0063 |
| 03.00 p.m. - 04.00 p.m. | 0.0055 |
| 04.00 p.m. - 05.00 p.m. | 0.0056 |
| 05.00 p.m. - 06.00 p.m. | 0.0078 |
| 06.00 p.m. - 07.00 p.m. | 0.0074 |
| 07.00 p.m. - 08.00 p.m. | 0.0071 |
| 08.00 p.m. - 09.00 p.m. | 0.0062 |
| 09.00 p.m. - 10.00 p.m. | 0.0069 |
| 10.00 p.m. - 11.00 p.m. | 0.0063 |
| 11.00 p.m. - 00.00 a.m. | 0.0071 |
| 00.00 a.m. - 01.00 a.m. | 0.0065 |
| 01.00 a.m. - 02.00 a.m. | 0.0053 |
| 02.00 a.m. - 03.00 a.m. | 0.0059 |
| 03.00 a.m. - 04.00 a.m. | 0.0053 |
| 04.00 a.m. - 05.00 a.m. | 0.0056 |
| 05.00 a.m. - 06.00 a.m. | 0.0062 |
| 06.00 a.m. - 07.00 a.m. | 0.0064 |
| 07.00 a.m. - 08.00 a.m. | 0.0065 |
| 08.00 a.m. - 09.00 a.m. | 0.0066 |
| 09.00 a.m. - 10.00 a.m. | 0.0057 |
| 24 Hour Average | 0.0062 |
| 1 Hour Maximum | 0.0078 |
| 1 Hour Minimum | 0.0053 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948

Calibration Gas Cylinder I.D. : EB0129027

Concentration (ppm) : 55.11

Exp



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวัฒน์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์คัต พัทยาใต้
 (Atmind Hotel South Pattaya)
Address Project : ถนนพญาใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 19 – 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0072 |
| 11.00 a.m. - 12.00 p.m. | 0.0071 |
| 12.00 p.m. - 01.00 p.m. | 0.0079 |
| 01.00 p.m. - 02.00 p.m. | 0.0078 |
| 02.00 p.m. - 03.00 p.m. | 0.0075 |
| 03.00 p.m. - 04.00 p.m. | 0.0082 |
| 04.00 p.m. - 05.00 p.m. | 0.0083 |
| 05.00 p.m. - 06.00 p.m. | 0.0069 |
| 06.00 p.m. - 07.00 p.m. | 0.0066 |
| 07.00 p.m. - 08.00 p.m. | 0.0059 |
| 08.00 p.m. - 09.00 p.m. | 0.0062 |
| 09.00 p.m. - 10.00 p.m. | 0.0061 |
| 10.00 p.m. - 11.00 p.m. | 0.0055 |
| 11.00 p.m. - 00.00 a.m. | 0.0058 |
| 00.00 a.m. - 01.00 a.m. | 0.0057 |
| 01.00 a.m. - 02.00 a.m. | 0.0052 |
| 02.00 a.m. - 03.00 a.m. | 0.0056 |
| 03.00 a.m. - 04.00 a.m. | 0.0054 |
| 04.00 a.m. - 05.00 a.m. | 0.0057 |
| 05.00 a.m. - 06.00 a.m. | 0.0062 |
| 06.00 a.m. - 07.00 a.m. | 0.0061 |
| 07.00 a.m. - 08.00 a.m. | 0.0059 |
| 08.00 a.m. - 09.00 a.m. | 0.0054 |
| 09.00 a.m. - 10.00 a.m. | 0.0061 |
| 24 Hour Average | 0.0064 |
| 1 Hour Maximum | 0.0083 |
| 1 Hour Minimum | 0.0052 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
 Calibration Gas Cylinder I.D. : EB0129027
 Concentration (ppm) : 55.11
 Expire Date : Oct 28, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ฤทธิภูมิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทครีมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

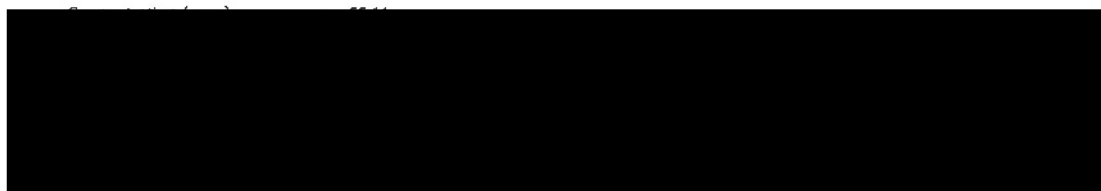
Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 17 – 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0055 |
| 11.00 a.m. - 12.00 p.m. | 0.0056 |
| 12.00 p.m. - 01.00 p.m. | 0.0058 |
| 01.00 p.m. - 02.00 p.m. | 0.0049 |
| 02.00 p.m. - 03.00 p.m. | 0.0059 |
| 03.00 p.m. - 04.00 p.m. | 0.0052 |
| 04.00 p.m. - 05.00 p.m. | 0.0050 |
| 05.00 p.m. - 06.00 p.m. | 0.0048 |
| 06.00 p.m. - 07.00 p.m. | 0.0042 |
| 07.00 p.m. - 08.00 p.m. | 0.0047 |
| 08.00 p.m. - 09.00 p.m. | 0.0043 |
| 09.00 p.m. - 10.00 p.m. | 0.0051 |
| 10.00 p.m. - 11.00 p.m. | 0.0053 |
| 11.00 p.m. - 00.00 a.m. | 0.0042 |
| 00.00 a.m. - 01.00 a.m. | 0.0032 |
| 01.00 a.m. - 02.00 a.m. | 0.0038 |
| 02.00 a.m. - 03.00 a.m. | 0.0035 |
| 03.00 a.m. - 04.00 a.m. | 0.0034 |
| 04.00 a.m. - 05.00 a.m. | 0.0041 |
| 05.00 a.m. - 06.00 a.m. | 0.0036 |
| 06.00 a.m. - 07.00 a.m. | 0.0032 |
| 07.00 a.m. - 08.00 a.m. | 0.0028 |
| 08.00 a.m. - 09.00 a.m. | 0.0039 |
| 09.00 a.m. - 10.00 a.m. | 0.0035 |
| 24 Hour Average | 0.0044 |
| 1 Hour Maximum | 0.0059 |
| 1 Hour Minimum | 0.0028 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atrmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

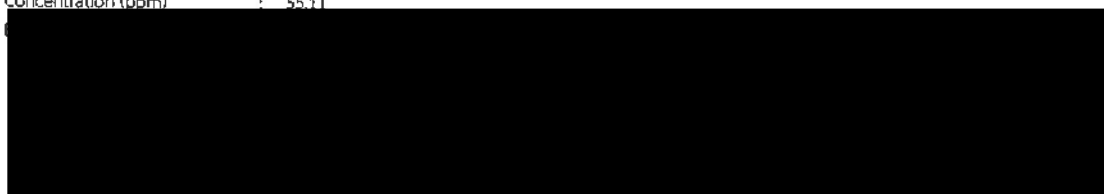
Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 18 – 19 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0049 |
| 11.00 a.m. - 12.00 p.m. | 0.0045 |
| 12.00 p.m. - 01.00 p.m. | 0.0055 |
| 01.00 p.m. - 02.00 p.m. | 0.0064 |
| 02.00 p.m. - 03.00 p.m. | 0.0062 |
| 03.00 p.m. - 04.00 p.m. | 0.0065 |
| 04.00 p.m. - 05.00 p.m. | 0.0066 |
| 05.00 p.m. - 06.00 p.m. | 0.0061 |
| 06.00 p.m. - 07.00 p.m. | 0.0058 |
| 07.00 p.m. - 08.00 p.m. | 0.0059 |
| 08.00 p.m. - 09.00 p.m. | 0.0055 |
| 09.00 p.m. - 10.00 p.m. | 0.0056 |
| 10.00 p.m. - 11.00 p.m. | 0.0052 |
| 11.00 p.m. - 00.00 a.m. | 0.0048 |
| 00.00 a.m. - 01.00 a.m. | 0.0044 |
| 01.00 a.m. - 02.00 a.m. | 0.0046 |
| 02.00 a.m. - 03.00 a.m. | 0.0047 |
| 03.00 a.m. - 04.00 a.m. | 0.0039 |
| 04.00 a.m. - 05.00 a.m. | 0.0036 |
| 05.00 a.m. - 06.00 a.m. | 0.0038 |
| 06.00 a.m. - 07.00 a.m. | 0.0037 |
| 07.00 a.m. - 08.00 a.m. | 0.0034 |
| 08.00 a.m. - 09.00 a.m. | 0.0036 |
| 09.00 a.m. - 10.00 a.m. | 0.0035 |
| 24 Hour Average | 0.0049 |
| 1 Hour Maximum | 0.0066 |
| 1 Hour Minimum | 0.0034 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์แมนชั่น จำกัด
 Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
 (Atmind Hotel South Pattaya)
 Address Project : ถนนหทัยใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
 Sampling Point : พื้นที่บริษัท ไทคอมเนคชั่นแห่งชาติ จำกัด (มหาชน)
 GPS. Coordinate : 47 P 704340 E 1429407 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

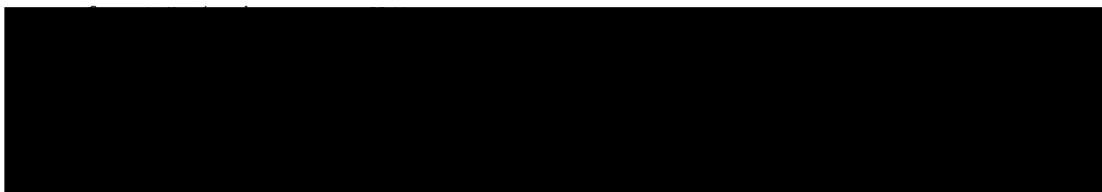
Report No. : S68033
 Sample No. : S68033/8
 Sample Type : Ambient Air
 Sampling Date : 19 – 20 March 2025
 Received Date : 24 March 2025
 Analytical Date : 24 – 26 March 2025
 Report Date : 27 March 2025
 Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 10.00 a.m. - 11.00 a.m. | 0.0047 |
| 11.00 a.m. - 12.00 p.m. | 0.0048 |
| 12.00 p.m. - 01.00 p.m. | 0.0052 |
| 01.00 p.m. - 02.00 p.m. | 0.0057 |
| 02.00 p.m. - 03.00 p.m. | 0.0059 |
| 03.00 p.m. - 04.00 p.m. | 0.0056 |
| 04.00 p.m. - 05.00 p.m. | 0.0058 |
| 05.00 p.m. - 06.00 p.m. | 0.0056 |
| 06.00 p.m. - 07.00 p.m. | 0.0051 |
| 07.00 p.m. - 08.00 p.m. | 0.0054 |
| 08.00 p.m. - 09.00 p.m. | 0.0058 |
| 09.00 p.m. - 10.00 p.m. | 0.0055 |
| 10.00 p.m. - 11.00 p.m. | 0.0059 |
| 11.00 p.m. - 00.00 a.m. | 0.0050 |
| 00.00 a.m. - 01.00 a.m. | 0.0051 |
| 01.00 a.m. - 02.00 a.m. | 0.0047 |
| 02.00 a.m. - 03.00 a.m. | 0.0042 |
| 03.00 a.m. - 04.00 a.m. | 0.0025 |
| 04.00 a.m. - 05.00 a.m. | 0.0029 |
| 05.00 a.m. - 06.00 a.m. | 0.0030 |
| 06.00 a.m. - 07.00 a.m. | 0.0025 |
| 07.00 a.m. - 08.00 a.m. | 0.0036 |
| 08.00 a.m. - 09.00 a.m. | 0.0034 |
| 09.00 a.m. - 10.00 a.m. | 0.0029 |
| 24 Hour Average | 0.0046 |
| 1 Hour Maximum | 0.0059 |
| 1 Hour Minimum | 0.0025 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
 Calibration Gas Cylinder I.D. : EB0129027



TNP ENVIRONMENT CO.,LTD.
 บริษัท อนุรักษ์แมนชั่น จำกัด

**TNP ENVIRONMENT CO.,LTD.**

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT**Data Provided by Customer**

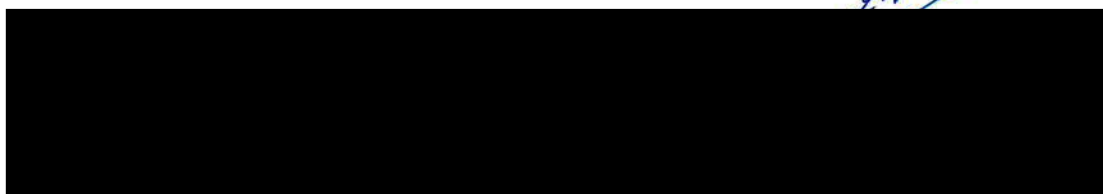
Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429363 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 17 – 19 March 2025
Sampling Time : 10.00 a.m.
Received Date : 24 March 2025
Analytical Date : 24 – 28 March 2025
Report Date : 31 March 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/3 | 17/03/2025 | 0.835 | 1.295 | 2.130 |
| S68033/5 | 18/03/2025 | 0.819 | 1.224 | 2.043 |
| S68033/7 | 19/03/2025 | 0.796 | 1.183 | 1.979 |

Remark : Model and Serial No. : APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. : 4860
Concentration (ppm) : 183.0
Expire Date : Dec 06, 2025



Analyst

บริษัท อนุรักษ์นิเวศน์ จำกัด

Laboratory Manager



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

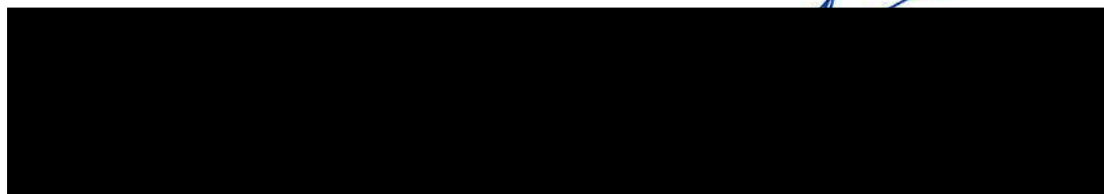
Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704340 E 1429407 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 17 – 19 March 2025
Sampling Time : 10.30 a.m.
Received Date : 24 March 2025
Analytical Date : 24 – 28 March 2025
Report Date : 31 March 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/4 | 17/03/2025 | 0.806 | 1.194 | 2.000 |
| S68033/6 | 18/03/2025 | 0.783 | 1.206 | 1.989 |
| S68033/8 | 19/03/2025 | 0.771 | 1.166 | 1.937 |

Remark : Model and Serial No. : APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. : 4860
Concentration (ppm) : 183.0
Expire Date : Dec 06, 2025



Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429378 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 18 – 21 April 2025
Sampling Time : 11.53 a.m.
Received Date : 21 April 2025
Analytical Date : 21 – 30 April 2025
Report Date : 02 May 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------------|-----------------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/2 | 18-19/04/2025 | 0.0592 | 0.0294 |
| 2. | S68033/3 | 19-20/04/2025 | 0.0643 | 0.0319 |
| 3. | S68033/4 | 20-21/04/2025 | 0.0764 | 0.0378 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. ; TNP-F-01-TSP and TNP-F-01-PM10
Calibrator Model and Serial No. ; TE-5028 and 3945
Calibrator Expire Date ; Sep 27, 2025

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาตย์ พัทยาใต้
 (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 07 – 10 April 2025
Sampling Time : 12.37 p.m.
Received Date : 21 April 2025
Analytical Date : 21 – 30 April 2025
Report Date : 02 May 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------|-----------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/5 | 07-08/04/2025 | 0.0421 | 0.0208 |
| 2. | S68033/6 | 08-09/04/2025 | 0.0357 | 0.0176 |
| 3. | S68033/7 | 09-10/04/2025 | 0.0334 | 0.0166 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. : TNP-F-03-TSP and TNP-F-04-PM10
 Calibrator Model and Serial No. : TE-5028 and 3945
 Calibrator Expire Date : Sep 27, 2025

Analyst

บริษัท อนุรักษ์นิเวศน์ จำกัด

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพญาไท ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Ambient Air
Sampling Date : 18 – 19 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 12.00 p.m. - 01.00 p.m. | 2.0100 |
| 01.00 p.m. - 02.00 p.m. | 1.6220 |
| 02.00 p.m. - 03.00 p.m. | 1.6440 |
| 03.00 p.m. - 04.00 p.m. | 1.9170 |
| 04.00 p.m. - 05.00 p.m. | 1.5460 |
| 05.00 p.m. - 06.00 p.m. | 1.6850 |
| 06.00 p.m. - 07.00 p.m. | 1.5860 |
| 07.00 p.m. - 08.00 p.m. | 1.4010 |
| 08.00 p.m. - 09.00 p.m. | 1.4210 |
| 09.00 p.m. - 10.00 p.m. | 2.0630 |
| 10.00 p.m. - 11.00 p.m. | 1.9450 |
| 11.00 p.m. - 00.00 a.m. | 1.6750 |
| 00.00 a.m. - 01.00 a.m. | 1.4840 |
| 01.00 a.m. - 02.00 a.m. | 1.9430 |
| 02.00 a.m. - 03.00 a.m. | 2.1780 |
| 03.00 a.m. - 04.00 a.m. | 1.8770 |
| 04.00 a.m. - 05.00 a.m. | 1.7610 |
| 05.00 a.m. - 06.00 a.m. | 1.6820 |
| 06.00 a.m. - 07.00 a.m. | 1.9860 |
| 07.00 a.m. - 08.00 a.m. | 2.2920 |
| 08.00 a.m. - 09.00 a.m. | 2.1180 |
| 09.00 a.m. - 10.00 a.m. | 1.8960 |
| 10.00 a.m. - 11.00 a.m. | 1.6520 |
| 11.00 a.m. - 12.00 p.m. | 1.5610 |
| 8 Hour Average | 1.9796 |
| 1 Hour Maximum | 2.2920 |
| 1 Hour Minimum | 1.4010 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. ; 48C and 48C-67530-357
Calibration Gas Cylinder I.D. ; EB0129027



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

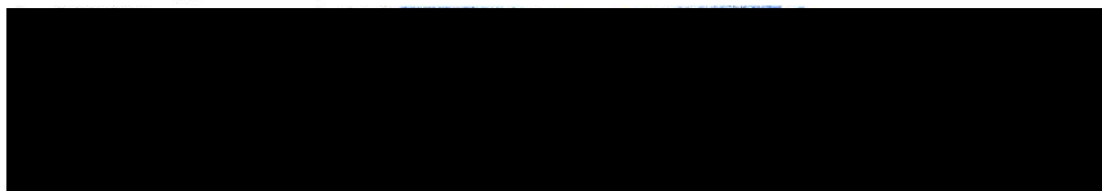
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 19 – 20 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 12.00 p.m. - 01.00 p.m. | 1.5440 |
| 01.00 p.m. - 02.00 p.m. | 1.8770 |
| 02.00 p.m. - 03.00 p.m. | 1.8470 |
| 03.00 p.m. - 04.00 p.m. | 1.4780 |
| 04.00 p.m. - 05.00 p.m. | 1.7570 |
| 05.00 p.m. - 06.00 p.m. | 2.1540 |
| 06.00 p.m. - 07.00 p.m. | 1.3920 |
| 07.00 p.m. - 08.00 p.m. | 1.8990 |
| 08.00 p.m. - 09.00 p.m. | 1.9080 |
| 09.00 p.m. - 10.00 p.m. | 1.9500 |
| 10.00 p.m. - 11.00 p.m. | 2.1930 |
| 11.00 p.m. - 00.00 a.m. | 1.8190 |
| 00.00 a.m. - 01.00 a.m. | 2.1090 |
| 01.00 a.m. - 02.00 a.m. | 2.4130 |
| 02.00 a.m. - 03.00 a.m. | 2.0100 |
| 03.00 a.m. - 04.00 a.m. | 1.8900 |
| 04.00 a.m. - 05.00 a.m. | 1.8570 |
| 05.00 a.m. - 06.00 a.m. | 1.4110 |
| 06.00 a.m. - 07.00 a.m. | 1.6210 |
| 07.00 a.m. - 08.00 a.m. | 2.0000 |
| 08.00 a.m. - 09.00 a.m. | 1.9480 |
| 09.00 a.m. - 10.00 a.m. | 1.5770 |
| 10.00 a.m. - 11.00 a.m. | 1.7970 |
| 11.00 a.m. - 12.00 p.m. | 1.7470 |
| 8 Hour Average | 2.0376 |
| 1 Hour Maximum | 2.4130 |
| 1 Hour Minimum | 1.3920 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. ; 48C and 48C-67530-357
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 4,535



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 20 – 21 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 12.00 p.m. - 01.00 p.m. | 1.5300 |
| 01.00 p.m. - 02.00 p.m. | 1.6740 |
| 02.00 p.m. - 03.00 p.m. | 1.9230 |
| 03.00 p.m. - 04.00 p.m. | 2.1750 |
| 04.00 p.m. - 05.00 p.m. | 2.1730 |
| 05.00 p.m. - 06.00 p.m. | 2.1440 |
| 06.00 p.m. - 07.00 p.m. | 1.8940 |
| 07.00 p.m. - 08.00 p.m. | 1.7880 |
| 08.00 p.m. - 09.00 p.m. | 1.7710 |
| 09.00 p.m. - 10.00 p.m. | 1.7750 |
| 10.00 p.m. - 11.00 p.m. | 1.6270 |
| 11.00 p.m. - 00.00 a.m. | 1.6830 |
| 00.00 a.m. - 01.00 a.m. | 1.4840 |
| 01.00 a.m. - 02.00 a.m. | 1.3310 |
| 02.00 a.m. - 03.00 a.m. | 1.4980 |
| 03.00 a.m. - 04.00 a.m. | 1.6440 |
| 04.00 a.m. - 05.00 a.m. | 1.4940 |
| 05.00 a.m. - 06.00 a.m. | 1.6170 |
| 06.00 a.m. - 07.00 a.m. | 1.7780 |
| 07.00 a.m. - 08.00 a.m. | 1.7550 |
| 08.00 a.m. - 09.00 a.m. | 1.5460 |
| 09.00 a.m. - 10.00 a.m. | 1.4860 |
| 10.00 a.m. - 11.00 a.m. | 1.5500 |
| 11.00 a.m. - 12.00 p.m. | 2.0670 |
| 8 Hour Average | 1.9554 |
| 1 Hour Maximum | 2.1750 |
| 1 Hour Minimum | 1.3310 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Expire Date : Oct 29, 2027

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมมาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 07 - 08 April 2025
Received Date : 22 April 2025
Analytical Date : 22 - 24 April 2025
Report Date : 25 April 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 01.00 p.m. - 02.00 p.m. | 0.8293 |
| 02.00 p.m. - 03.00 p.m. | 0.8800 |
| 03.00 p.m. - 04.00 p.m. | 0.8811 |
| 04.00 p.m. - 05.00 p.m. | 0.8654 |
| 05.00 p.m. - 06.00 p.m. | 0.7936 |
| 06.00 p.m. - 07.00 p.m. | 0.8185 |
| 07.00 p.m. - 08.00 p.m. | 0.8508 |
| 08.00 p.m. - 09.00 p.m. | 0.8742 |
| 09.00 p.m. - 10.00 p.m. | 0.8924 |
| 10.00 p.m. - 11.00 p.m. | 0.9008 |
| 11.00 p.m. - 00.00 a.m. | 0.9083 |
| 00.00 a.m. - 01.00 a.m. | 0.9043 |
| 01.00 a.m. - 02.00 a.m. | 0.9031 |
| 02.00 a.m. - 03.00 a.m. | 0.9053 |
| 03.00 a.m. - 04.00 a.m. | 0.9151 |
| 04.00 a.m. - 05.00 a.m. | 0.9307 |
| 05.00 a.m. - 06.00 a.m. | 0.9404 |
| 06.00 a.m. - 07.00 a.m. | 0.9407 |
| 07.00 a.m. - 08.00 a.m. | 0.9407 |
| 08.00 a.m. - 09.00 a.m. | 0.9043 |
| 09.00 a.m. - 10.00 a.m. | 0.8643 |
| 10.00 a.m. - 11.00 a.m. | 0.8316 |
| 11.00 a.m. - 12.00 p.m. | 0.8267 |
| 12.00 p.m. - 01.00 p.m. | 0.8279 |
| 8 Hour Average | 0.9225 |
| 1 Hour Maximum | 0.9407 |
| 1 Hour Minimum | 0.7936 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. ; 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 4,535



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

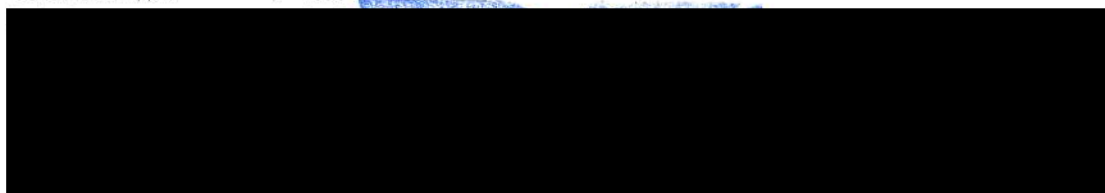
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 08 - 09 April 2025
Received Date : 22 April 2025
Analytical Date : 22 - 24 April 2025
Report Date : 25 April 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 01.00 p.m. - 02.00 p.m. | 0.4135 |
| 02.00 p.m. - 03.00 p.m. | 0.9649 |
| 03.00 p.m. - 04.00 p.m. | 0.9928 |
| 04.00 p.m. - 05.00 p.m. | 1.0090 |
| 05.00 p.m. - 06.00 p.m. | 0.9125 |
| 06.00 p.m. - 07.00 p.m. | 0.9311 |
| 07.00 p.m. - 08.00 p.m. | 0.9957 |
| 08.00 p.m. - 09.00 p.m. | 1.0230 |
| 09.00 p.m. - 10.00 p.m. | 1.0330 |
| 10.00 p.m. - 11.00 p.m. | 1.0420 |
| 11.00 p.m. - 00.00 a.m. | 1.0500 |
| 00.00 a.m. - 01.00 a.m. | 1.0480 |
| 01.00 a.m. - 02.00 a.m. | 1.0540 |
| 02.00 a.m. - 03.00 a.m. | 1.0520 |
| 03.00 a.m. - 04.00 a.m. | 1.0520 |
| 04.00 a.m. - 05.00 a.m. | 1.0840 |
| 05.00 a.m. - 06.00 a.m. | 1.8030 |
| 06.00 a.m. - 07.00 a.m. | 1.2400 |
| 07.00 a.m. - 08.00 a.m. | 1.1880 |
| 08.00 a.m. - 09.00 a.m. | 1.0630 |
| 09.00 a.m. - 10.00 a.m. | 1.2090 |
| 10.00 a.m. - 11.00 a.m. | 1.0300 |
| 11.00 a.m. - 12.00 p.m. | 0.9646 |
| 12.00 p.m. - 01.00 p.m. | 1.0510 |
| 8 Hour Average | 1.2114 |
| 1 Hour Maximum | 1.8030 |
| 1 Hour Minimum | 0.4135 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. ; 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 4,535



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐภูมิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 09 - 10 April 2025
Received Date : 22 April 2025
Analytical Date : 22 - 24 April 2025
Report Date : 25 April 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 01.00 p.m. - 02.00 p.m. | 1.0410 |
| 02.00 p.m. - 03.00 p.m. | 1.6370 |
| 03.00 p.m. - 04.00 p.m. | 0.9412 |
| 04.00 p.m. - 05.00 p.m. | 0.8969 |
| 05.00 p.m. - 06.00 p.m. | 0.8069 |
| 06.00 p.m. - 07.00 p.m. | 0.8820 |
| 07.00 p.m. - 08.00 p.m. | 0.9905 |
| 08.00 p.m. - 09.00 p.m. | 1.0420 |
| 09.00 p.m. - 10.00 p.m. | 1.3550 |
| 10.00 p.m. - 11.00 p.m. | 1.0630 |
| 11.00 p.m. - 00.00 a.m. | 1.1610 |
| 00.00 a.m. - 01.00 a.m. | 1.3450 |
| 01.00 a.m. - 02.00 a.m. | 1.1930 |
| 02.00 a.m. - 03.00 a.m. | 1.3090 |
| 03.00 a.m. - 04.00 a.m. | 1.0920 |
| 04.00 a.m. - 05.00 a.m. | 1.0810 |
| 05.00 a.m. - 06.00 a.m. | 1.0890 |
| 06.00 a.m. - 07.00 a.m. | 1.0820 |
| 07.00 a.m. - 08.00 a.m. | 1.0780 |
| 08.00 a.m. - 09.00 a.m. | 1.2110 |
| 09.00 a.m. - 10.00 a.m. | 1.5970 |
| 10.00 a.m. - 11.00 a.m. | 1.6724 |
| 11.00 a.m. - 12.00 p.m. | 1.7250 |
| 12.00 p.m. - 01.00 p.m. | 1.5326 |
| 8 Hour Average | 1.3734 |
| 1 Hour Maximum | 1.7250 |
| 1 Hour Minimum | 0.8069 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. ; 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 4,535
Expire Date ; Oct 29, 2027

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Ambient Air
Sampling Date : 18 – 19 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0207 |
| 01.00 p.m. - 02.00 p.m. | 0.0235 |
| 02.00 p.m. - 03.00 p.m. | 0.0248 |
| 03.00 p.m. - 04.00 p.m. | 0.0236 |
| 04.00 p.m. - 05.00 p.m. | 0.0242 |
| 05.00 p.m. - 06.00 p.m. | 0.0235 |
| 06.00 p.m. - 07.00 p.m. | 0.0229 |
| 07.00 p.m. - 08.00 p.m. | 0.0221 |
| 08.00 p.m. - 09.00 p.m. | 0.0207 |
| 09.00 p.m. - 10.00 p.m. | 0.0206 |
| 10.00 p.m. - 11.00 p.m. | 0.0198 |
| 11.00 p.m. - 00.00 a.m. | 0.0188 |
| 00.00 a.m. - 01.00 a.m. | 0.0195 |
| 01.00 a.m. - 02.00 a.m. | 0.0186 |
| 02.00 a.m. - 03.00 a.m. | 0.0184 |
| 03.00 a.m. - 04.00 a.m. | 0.0176 |
| 04.00 a.m. - 05.00 a.m. | 0.0178 |
| 05.00 a.m. - 06.00 a.m. | 0.0182 |
| 06.00 a.m. - 07.00 a.m. | 0.0197 |
| 07.00 a.m. - 08.00 a.m. | 0.0203 |
| 08.00 a.m. - 09.00 a.m. | 0.0209 |
| 09.00 a.m. - 10.00 a.m. | 0.0216 |
| 10.00 a.m. - 11.00 a.m. | 0.0228 |
| 11.00 a.m. - 12.00 p.m. | 0.0234 |
| 24 Hour Average | 0.0210 |
| 1 Hour Maximum | 0.0248 |
| 1 Hour Minimum | 0.0176 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027


Miss Wimonwan Kaenwong
Reviewed Signatory


TNP ENVIRONMENT CO.,LTD.
บริษัท อนุรักษ์นิเวศน์ จำกัด


Miss Orawan Jantarapum
Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐดิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 19 – 20 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0216 |
| 01.00 p.m. - 02.00 p.m. | 0.0229 |
| 02.00 p.m. - 03.00 p.m. | 0.0234 |
| 03.00 p.m. - 04.00 p.m. | 0.0228 |
| 04.00 p.m. - 05.00 p.m. | 0.0239 |
| 05.00 p.m. - 06.00 p.m. | 0.0227 |
| 06.00 p.m. - 07.00 p.m. | 0.0215 |
| 07.00 p.m. - 08.00 p.m. | 0.0206 |
| 08.00 p.m. - 09.00 p.m. | 0.0195 |
| 09.00 p.m. - 10.00 p.m. | 0.0194 |
| 10.00 p.m. - 11.00 p.m. | 0.0186 |
| 11.00 p.m. - 00.00 a.m. | 0.0184 |
| 00.00 a.m. - 01.00 a.m. | 0.0188 |
| 01.00 a.m. - 02.00 a.m. | 0.0195 |
| 02.00 a.m. - 03.00 a.m. | 0.0182 |
| 03.00 a.m. - 04.00 a.m. | 0.0176 |
| 04.00 a.m. - 05.00 a.m. | 0.0172 |
| 05.00 a.m. - 06.00 a.m. | 0.0184 |
| 06.00 a.m. - 07.00 a.m. | 0.0174 |
| 07.00 a.m. - 08.00 a.m. | 0.0176 |
| 08.00 a.m. - 09.00 a.m. | 0.0184 |
| 09.00 a.m. - 10.00 a.m. | 0.0183 |
| 10.00 a.m. - 11.00 a.m. | 0.0197 |
| 11.00 a.m. - 12.00 p.m. | 0.0204 |
| 24 Hour Average | 0.0199 |
| 1 Hour Maximum | 0.0239 |
| 1 Hour Minimum | 0.0172 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. ; 42C and 42C-70987-367
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 55.47
Expire Date ; Oct 29, 2027



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 20 – 21 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0234 |
| 01.00 p.m. - 02.00 p.m. | 0.0231 |
| 02.00 p.m. - 03.00 p.m. | 0.0215 |
| 03.00 p.m. - 04.00 p.m. | 0.0239 |
| 04.00 p.m. - 05.00 p.m. | 0.0224 |
| 05.00 p.m. - 06.00 p.m. | 0.0216 |
| 06.00 p.m. - 07.00 p.m. | 0.0207 |
| 07.00 p.m. - 08.00 p.m. | 0.0213 |
| 08.00 p.m. - 09.00 p.m. | 0.0209 |
| 09.00 p.m. - 10.00 p.m. | 0.0195 |
| 10.00 p.m. - 11.00 p.m. | 0.0192 |
| 11.00 p.m. - 00.00 a.m. | 0.0187 |
| 00.00 a.m. - 01.00 a.m. | 0.0194 |
| 01.00 a.m. - 02.00 a.m. | 0.0203 |
| 02.00 a.m. - 03.00 a.m. | 0.0194 |
| 03.00 a.m. - 04.00 a.m. | 0.0183 |
| 04.00 a.m. - 05.00 a.m. | 0.0184 |
| 05.00 a.m. - 06.00 a.m. | 0.0189 |
| 06.00 a.m. - 07.00 a.m. | 0.0195 |
| 07.00 a.m. - 08.00 a.m. | 0.0206 |
| 08.00 a.m. - 09.00 a.m. | 0.0197 |
| 09.00 a.m. - 10.00 a.m. | 0.0203 |
| 10.00 a.m. - 11.00 a.m. | 0.0208 |
| 11.00 a.m. - 12.00 p.m. | 0.0215 |
| 24 Hour Average | 0.0206 |
| 1 Hour Maximum | 0.0239 |
| 1 Hour Minimum | 0.0183 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. ; 42C and 42C-70987-367
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 55.47
Expire Date ; Oct 29, 2027



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพญาไท ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมณฑลแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 07 - 08 April 2025
Received Date : 22 April 2025
Analytical Date : 22 - 24 April 2025
Report Date : 25 April 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 01.00 p.m. - 02.00 p.m. | 0.0148 |
| 02.00 p.m. - 03.00 p.m. | 0.0153 |
| 03.00 p.m. - 04.00 p.m. | 0.0159 |
| 04.00 p.m. - 05.00 p.m. | 0.0168 |
| 05.00 p.m. - 06.00 p.m. | 0.0167 |
| 06.00 p.m. - 07.00 p.m. | 0.0169 |
| 07.00 p.m. - 08.00 p.m. | 0.0153 |
| 08.00 p.m. - 09.00 p.m. | 0.0157 |
| 09.00 p.m. - 10.00 p.m. | 0.0162 |
| 10.00 p.m. - 11.00 p.m. | 0.0159 |
| 11.00 p.m. - 00.00 a.m. | 0.0150 |
| 00.00 a.m. - 01.00 a.m. | 0.0142 |
| 01.00 a.m. - 02.00 a.m. | 0.0158 |
| 02.00 a.m. - 03.00 a.m. | 0.0147 |
| 03.00 a.m. - 04.00 a.m. | 0.0146 |
| 04.00 a.m. - 05.00 a.m. | 0.0149 |
| 05.00 a.m. - 06.00 a.m. | 0.0153 |
| 06.00 a.m. - 07.00 a.m. | 0.0138 |
| 07.00 a.m. - 08.00 a.m. | 0.0149 |
| 08.00 a.m. - 09.00 a.m. | 0.0138 |
| 09.00 a.m. - 10.00 a.m. | 0.0147 |
| 10.00 a.m. - 11.00 a.m. | 0.0158 |
| 11.00 a.m. - 12.00 p.m. | 0.0148 |
| 12.00 p.m. - 01.00 p.m. | 0.0157 |
| 24 Hour Average | 0.0153 |
| 1 Hour Maximum | 0.0169 |
| 1 Hour Minimum | 0.0138 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมหาสมุทรแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 08 – 09 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 01.00 p.m. - 02.00 p.m. | 0.0146 |
| 02.00 p.m. - 03.00 p.m. | 0.0158 |
| 03.00 p.m. - 04.00 p.m. | 0.0167 |
| 04.00 p.m. - 05.00 p.m. | 0.0147 |
| 05.00 p.m. - 06.00 p.m. | 0.0159 |
| 06.00 p.m. - 07.00 p.m. | 0.0168 |
| 07.00 p.m. - 08.00 p.m. | 0.0159 |
| 08.00 p.m. - 09.00 p.m. | 0.0143 |
| 09.00 p.m. - 10.00 p.m. | 0.0147 |
| 10.00 p.m. - 11.00 p.m. | 0.0138 |
| 11.00 p.m. - 00.00 a.m. | 0.0142 |
| 00.00 a.m. - 01.00 a.m. | 0.0138 |
| 01.00 a.m. - 02.00 a.m. | 0.0135 |
| 02.00 a.m. - 03.00 a.m. | 0.0141 |
| 03.00 a.m. - 04.00 a.m. | 0.0138 |
| 04.00 a.m. - 05.00 a.m. | 0.0136 |
| 05.00 a.m. - 06.00 a.m. | 0.0128 |
| 06.00 a.m. - 07.00 a.m. | 0.0136 |
| 07.00 a.m. - 08.00 a.m. | 0.0143 |
| 08.00 a.m. - 09.00 a.m. | 0.0159 |
| 09.00 a.m. - 10.00 a.m. | 0.0152 |
| 10.00 a.m. - 11.00 a.m. | 0.0162 |
| 11.00 a.m. - 12.00 p.m. | 0.0168 |
| 12.00 p.m. - 01.00 p.m. | 0.0154 |
| 24 Hour Average | 0.0149 |
| 1 Hour Maximum | 0.0168 |
| 1 Hour Minimum | 0.0128 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

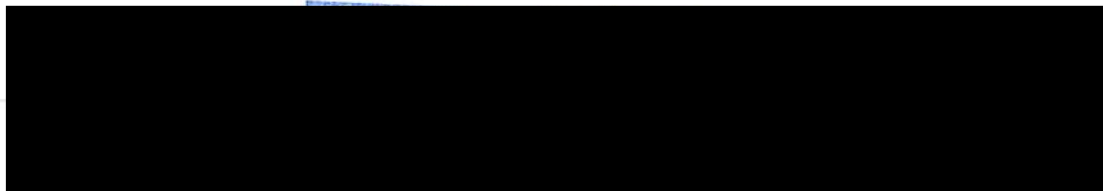
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 09 – 10 April 2025
Received Date : 22 April 2025
Analytical Date : 22 - 24 April 2025
Report Date : 25 April 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 01.00 p.m. - 02.00 p.m. | 0.0158 |
| 02.00 p.m. - 03.00 p.m. | 0.0164 |
| 03.00 p.m. - 04.00 p.m. | 0.0162 |
| 04.00 p.m. - 05.00 p.m. | 0.0179 |
| 05.00 p.m. - 06.00 p.m. | 0.0172 |
| 06.00 p.m. - 07.00 p.m. | 0.0162 |
| 07.00 p.m. - 08.00 p.m. | 0.0168 |
| 08.00 p.m. - 09.00 p.m. | 0.0153 |
| 09.00 p.m. - 10.00 p.m. | 0.0157 |
| 10.00 p.m. - 11.00 p.m. | 0.0143 |
| 11.00 p.m. - 00.00 a.m. | 0.0149 |
| 00.00 a.m. - 01.00 a.m. | 0.0135 |
| 01.00 a.m. - 02.00 a.m. | 0.0132 |
| 02.00 a.m. - 03.00 a.m. | 0.0147 |
| 03.00 a.m. - 04.00 a.m. | 0.0146 |
| 04.00 a.m. - 05.00 a.m. | 0.0137 |
| 05.00 a.m. - 06.00 a.m. | 0.0134 |
| 06.00 a.m. - 07.00 a.m. | 0.0146 |
| 07.00 a.m. - 08.00 a.m. | 0.0142 |
| 08.00 a.m. - 09.00 a.m. | 0.0159 |
| 09.00 a.m. - 10.00 a.m. | 0.0148 |
| 10.00 a.m. - 11.00 a.m. | 0.0156 |
| 11.00 a.m. - 12.00 p.m. | 0.0163 |
| 12.00 p.m. - 01.00 p.m. | 0.0162 |
| 24 Hour Average | 0.0153 |
| 1 Hour Maximum | 0.0179 |
| 1 Hour Minimum | 0.0132 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. ; 42C and 42C-56817-311
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 55.47
Expire Date ; Oct 29, 2027



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมเวย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Ambient Air
Sampling Date : 18 – 19 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0065 |
| 01.00 p.m. - 02.00 p.m. | 0.0059 |
| 02.00 p.m. - 03.00 p.m. | 0.0058 |
| 03.00 p.m. - 04.00 p.m. | 0.0067 |
| 04.00 p.m. - 05.00 p.m. | 0.0072 |
| 05.00 p.m. - 06.00 p.m. | 0.0069 |
| 06.00 p.m. - 07.00 p.m. | 0.0064 |
| 07.00 p.m. - 08.00 p.m. | 0.0057 |
| 08.00 p.m. - 09.00 p.m. | 0.0061 |
| 09.00 p.m. - 10.00 p.m. | 0.0057 |
| 10.00 p.m. - 11.00 p.m. | 0.0065 |
| 11.00 p.m. - 00.00 a.m. | 0.0062 |
| 00.00 a.m. - 01.00 a.m. | 0.0048 |
| 01.00 a.m. - 02.00 a.m. | 0.0056 |
| 02.00 a.m. - 03.00 a.m. | 0.0049 |
| 03.00 a.m. - 04.00 a.m. | 0.0058 |
| 04.00 a.m. - 05.00 a.m. | 0.0053 |
| 05.00 a.m. - 06.00 a.m. | 0.0050 |
| 06.00 a.m. - 07.00 a.m. | 0.0056 |
| 07.00 a.m. - 08.00 a.m. | 0.0059 |
| 08.00 a.m. - 09.00 a.m. | 0.0064 |
| 09.00 a.m. - 10.00 a.m. | 0.0069 |
| 10.00 a.m. - 11.00 a.m. | 0.0067 |
| 11.00 a.m. - 12.00 p.m. | 0.0064 |
| 24 Hour Average | 0.0060 |
| 1 Hour Maximum | 0.0072 |
| 1 Hour Minimum | 0.0048 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

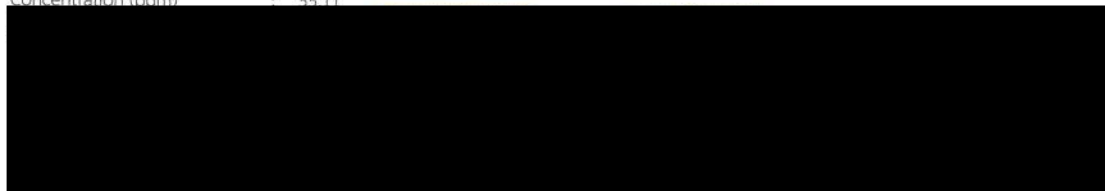
Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 19 – 20 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0061 |
| 01.00 p.m. - 02.00 p.m. | 0.0058 |
| 02.00 p.m. - 03.00 p.m. | 0.0064 |
| 03.00 p.m. - 04.00 p.m. | 0.0053 |
| 04.00 p.m. - 05.00 p.m. | 0.0057 |
| 05.00 p.m. - 06.00 p.m. | 0.0072 |
| 06.00 p.m. - 07.00 p.m. | 0.0071 |
| 07.00 p.m. - 08.00 p.m. | 0.0075 |
| 08.00 p.m. - 09.00 p.m. | 0.0064 |
| 09.00 p.m. - 10.00 p.m. | 0.0062 |
| 10.00 p.m. - 11.00 p.m. | 0.0061 |
| 11.00 p.m. - 00.00 a.m. | 0.0069 |
| 00.00 a.m. - 01.00 a.m. | 0.0068 |
| 01.00 a.m. - 02.00 a.m. | 0.0053 |
| 02.00 a.m. - 03.00 a.m. | 0.0052 |
| 03.00 a.m. - 04.00 a.m. | 0.0057 |
| 04.00 a.m. - 05.00 a.m. | 0.0051 |
| 05.00 a.m. - 06.00 a.m. | 0.0063 |
| 06.00 a.m. - 07.00 a.m. | 0.0067 |
| 07.00 a.m. - 08.00 a.m. | 0.0062 |
| 08.00 a.m. - 09.00 a.m. | 0.0066 |
| 09.00 a.m. - 10.00 a.m. | 0.0053 |
| 10.00 a.m. - 11.00 a.m. | 0.0058 |
| 11.00 a.m. - 12.00 p.m. | 0.0061 |
| 24 Hour Average | 0.0062 |
| 1 Hour Maximum | 0.0075 |
| 1 Hour Minimum | 0.0051 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไฮด์ พัทยาใต้
 (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 20 – 21 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 12.00 p.m. - 01.00 p.m. | 0.0076 |
| 01.00 p.m. - 02.00 p.m. | 0.0073 |
| 02.00 p.m. - 03.00 p.m. | 0.0079 |
| 03.00 p.m. - 04.00 p.m. | 0.0084 |
| 04.00 p.m. - 05.00 p.m. | 0.0082 |
| 05.00 p.m. - 06.00 p.m. | 0.0075 |
| 06.00 p.m. - 07.00 p.m. | 0.0064 |
| 07.00 p.m. - 08.00 p.m. | 0.0057 |
| 08.00 p.m. - 09.00 p.m. | 0.0061 |
| 09.00 p.m. - 10.00 p.m. | 0.0059 |
| 10.00 p.m. - 11.00 p.m. | 0.0057 |
| 11.00 p.m. - 00.00 a.m. | 0.0053 |
| 00.00 a.m. - 01.00 a.m. | 0.0058 |
| 01.00 a.m. - 02.00 a.m. | 0.0053 |
| 02.00 a.m. - 03.00 a.m. | 0.0057 |
| 03.00 a.m. - 04.00 a.m. | 0.0055 |
| 04.00 a.m. - 05.00 a.m. | 0.0058 |
| 05.00 a.m. - 06.00 a.m. | 0.0064 |
| 06.00 a.m. - 07.00 a.m. | 0.0068 |
| 07.00 a.m. - 08.00 a.m. | 0.0056 |
| 08.00 a.m. - 09.00 a.m. | 0.0057 |
| 09.00 a.m. - 10.00 a.m. | 0.0064 |
| 10.00 a.m. - 11.00 a.m. | 0.0072 |
| 11.00 a.m. - 12.00 p.m. | 0.0071 |
| 24 Hour Average | 0.0065 |
| 1 Hour Maximum | 0.0084 |
| 1 Hour Minimum | 0.0053 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. ; 43C and 43C-0427408948
 Calibration Gas Cylinder I.D. ; EB0129027
 Concentration (ppm) ; 55.11

Ex



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 07 - 08 April 2025
Received Date : 22 April 2025
Analytical Date : 22 - 24 April 2025
Report Date : 25 April 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 01.00 p.m. - 02.00 p.m. | 0.0046 |
| 02.00 p.m. - 03.00 p.m. | 0.0057 |
| 03.00 p.m. - 04.00 p.m. | 0.0055 |
| 04.00 p.m. - 05.00 p.m. | 0.0051 |
| 05.00 p.m. - 06.00 p.m. | 0.0046 |
| 06.00 p.m. - 07.00 p.m. | 0.0048 |
| 07.00 p.m. - 08.00 p.m. | 0.0043 |
| 08.00 p.m. - 09.00 p.m. | 0.0047 |
| 09.00 p.m. - 10.00 p.m. | 0.0052 |
| 10.00 p.m. - 11.00 p.m. | 0.0051 |
| 11.00 p.m. - 00.00 a.m. | 0.0046 |
| 00.00 a.m. - 01.00 a.m. | 0.0037 |
| 01.00 a.m. - 02.00 a.m. | 0.0031 |
| 02.00 a.m. - 03.00 a.m. | 0.0038 |
| 03.00 a.m. - 04.00 a.m. | 0.0031 |
| 04.00 a.m. - 05.00 a.m. | 0.0043 |
| 05.00 a.m. - 06.00 a.m. | 0.0038 |
| 06.00 a.m. - 07.00 a.m. | 0.0036 |
| 07.00 a.m. - 08.00 a.m. | 0.0028 |
| 08.00 a.m. - 09.00 a.m. | 0.0035 |
| 09.00 a.m. - 10.00 a.m. | 0.0037 |
| 10.00 a.m. - 11.00 a.m. | 0.0054 |
| 11.00 a.m. - 12.00 p.m. | 0.0058 |
| 12.00 p.m. - 01.00 p.m. | 0.0053 |
| 24 Hour Average | 0.0044 |
| 1 Hour Maximum | 0.0058 |
| 1 Hour Minimum | 0.0028 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337

Calibration Gas Cylinder I.D. : EB0129027

Concentration (ppm) : 55.11

Ex

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
 (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 08 – 09 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 01.00 p.m. - 02.00 p.m. | 0.0062 |
| 02.00 p.m. - 03.00 p.m. | 0.0064 |
| 03.00 p.m. - 04.00 p.m. | 0.0063 |
| 04.00 p.m. - 05.00 p.m. | 0.0065 |
| 05.00 p.m. - 06.00 p.m. | 0.0060 |
| 06.00 p.m. - 07.00 p.m. | 0.0054 |
| 07.00 p.m. - 08.00 p.m. | 0.0056 |
| 08.00 p.m. - 09.00 p.m. | 0.0057 |
| 09.00 p.m. - 10.00 p.m. | 0.0054 |
| 10.00 p.m. - 11.00 p.m. | 0.0053 |
| 11.00 p.m. - 00.00 a.m. | 0.0049 |
| 00.00 a.m. - 01.00 a.m. | 0.0048 |
| 01.00 a.m. - 02.00 a.m. | 0.0045 |
| 02.00 a.m. - 03.00 a.m. | 0.0048 |
| 03.00 a.m. - 04.00 a.m. | 0.0047 |
| 04.00 a.m. - 05.00 a.m. | 0.0037 |
| 05.00 a.m. - 06.00 a.m. | 0.0035 |
| 06.00 a.m. - 07.00 a.m. | 0.0032 |
| 07.00 a.m. - 08.00 a.m. | 0.0031 |
| 08.00 a.m. - 09.00 a.m. | 0.0038 |
| 09.00 a.m. - 10.00 a.m. | 0.0041 |
| 10.00 a.m. - 11.00 a.m. | 0.0043 |
| 11.00 a.m. - 12.00 p.m. | 0.0041 |
| 12.00 p.m. - 01.00 p.m. | 0.0053 |
| 24 Hour Average | 0.0049 |
| 1 Hour Maximum | 0.0065 |
| 1 Hour Minimum | 0.0031 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. ; 43C and 0433609337
 Calibration Gas Cylinder I.D. ; EB0129027
 Concentration (ppm) ; 55.61
 Exp. Date ;

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมแอมายด์แห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

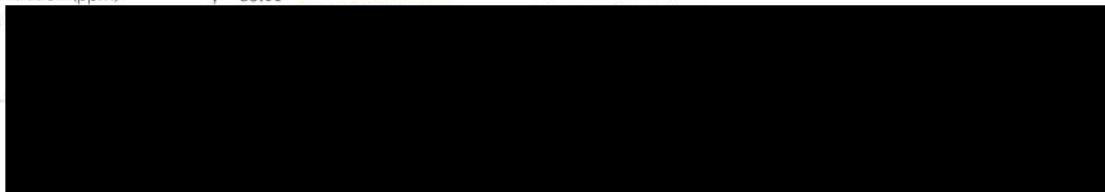
Report No. : S68033
Sample No. : S68033/8
Sample Type : Ambient Air
Sampling Date : 09 – 10 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 01.00 p.m. - 02.00 p.m. | 0.0053 |
| 02.00 p.m. - 03.00 p.m. | 0.0057 |
| 03.00 p.m. - 04.00 p.m. | 0.0058 |
| 04.00 p.m. - 05.00 p.m. | 0.0056 |
| 05.00 p.m. - 06.00 p.m. | 0.0059 |
| 06.00 p.m. - 07.00 p.m. | 0.0052 |
| 07.00 p.m. - 08.00 p.m. | 0.0053 |
| 08.00 p.m. - 09.00 p.m. | 0.0057 |
| 09.00 p.m. - 10.00 p.m. | 0.0054 |
| 10.00 p.m. - 11.00 p.m. | 0.0053 |
| 11.00 p.m. - 00.00 a.m. | 0.0050 |
| 00.00 a.m. - 01.00 a.m. | 0.0052 |
| 01.00 a.m. - 02.00 a.m. | 0.0046 |
| 02.00 a.m. - 03.00 a.m. | 0.0042 |
| 03.00 a.m. - 04.00 a.m. | 0.0038 |
| 04.00 a.m. - 05.00 a.m. | 0.0026 |
| 05.00 a.m. - 06.00 a.m. | 0.0031 |
| 06.00 a.m. - 07.00 a.m. | 0.0023 |
| 07.00 a.m. - 08.00 a.m. | 0.0035 |
| 08.00 a.m. - 09.00 a.m. | 0.0028 |
| 09.00 a.m. - 10.00 a.m. | 0.0029 |
| 10.00 a.m. - 11.00 a.m. | 0.0046 |
| 11.00 a.m. - 12.00 p.m. | 0.0041 |
| 12.00 p.m. - 01.00 p.m. | 0.0053 |
| 24 Hour Average | 0.0045 |
| 1 Hour Maximum | 0.0059 |
| 1 Hour Minimum | 0.0023 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11
Expire





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐภูมิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429373 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 18 – 20 April 2025
Sampling Time : 12.00 p.m.
Received Date : 21 April 2025
Analytical Date : 21 April – 03 May 2025
Report Date : 05 May 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/2 | 18/04/2025 | 0.834 | 1.285 | 2.119 |
| S68033/3 | 19/04/2025 | 0.803 | 1.242 | 2.045 |
| S68033/4 | 20/04/2025 | 0.839 | 1.314 | 2.153 |

Remark : Model and Serial No. : APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. : 4860
Concentration (ppm) : 183.0
Expire Date : Dec 06, 2025

Analyst

Laboratory Manager



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 07 – 09 April 2025
Sampling Time : 12.30 p.m.
Received Date : 21 April 2025
Analytical Date : 21 April – 03 May 2025
Report Date : 05 May 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/5 | 07/04/2025 | 0.813 | 1.279 | 2.092 |
| S68033/6 | 08/04/2025 | 0.821 | 1.284 | 2.105 |
| S68033/7 | 09/04/2025 | 0.802 | 1.239 | 2.041 |

Remark : Model and Serial No. ; APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. ; 4860
Concentration (ppm) ; 183.0
Expire Date ; Dec 06, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพญาไท ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 13 - 16 May 2025
Sampling Time : 09.33 a.m.
Received Date : 19 May 2025
Analytical Date : 19 - 28 May 2025
Report Date : 29 May 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------|-----------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/3 | 13-14/05/2025 | 0.0668 | 0.0332 |
| 2. | S68033/5 | 14-15/05/2025 | 0.0776 | 0.0387 |
| 3. | S68033/7 | 15-16/05/2025 | 0.0739 | 0.0365 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. ; TNP-F-01-TSP and TNP-F-01-PM10
Calibrator Model and Serial No. ; TE-5028 and 3945
Calibrator Expire Date ; Sep 27, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมมาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704329 E 1429422 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 13 - 16 May 2025
Sampling Time : 09.40 a.m.
Received Date : 19 May 2025
Analytical Date : 19 - 28 May 2025
Report Date : 29 May 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------|-----------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/4 | 13-14/05/2025 | 0.0371 | 0.0183 |
| 2. | S68033/6 | 14-15/05/2025 | 0.0346 | 0.0171 |
| 3. | S68033/8 | 15-16/05/2025 | 0.0323 | 0.0159 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. : TNP-F-03-TSP and TNP-F-04-PM10
Calibrator Model and Serial No. : TE-5028 and 3945
Calibrator Expire Date : Sep 27, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท เน็ทวูคเอนเนชั่น จำกัด
Project Name : โครงการ โรงแรมแอมมาดัต พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 13 - 14 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 2.6380 |
| 10.00 a.m. - 11.00 a.m. | 2.5260 |
| 11.00 a.m. - 12.00 p.m. | 2.5260 |
| 12.00 p.m. - 01.00 p.m. | 2.5490 |
| 01.00 p.m. - 02.00 p.m. | 2.6130 |
| 02.00 p.m. - 03.00 p.m. | 2.5970 |
| 03.00 p.m. - 04.00 p.m. | 2.5670 |
| 04.00 p.m. - 05.00 p.m. | 2.5640 |
| 05.00 p.m. - 06.00 p.m. | 2.5680 |
| 06.00 p.m. - 07.00 p.m. | 2.4980 |
| 07.00 p.m. - 08.00 p.m. | 2.4510 |
| 08.00 p.m. - 09.00 p.m. | 2.4320 |
| 09.00 p.m. - 10.00 p.m. | 2.2010 |
| 10.00 p.m. - 11.00 p.m. | 2.0120 |
| 11.00 p.m. - 12.00 a.m. | 1.9700 |
| 12.00 a.m. - 00.00 a.m. | 1.9540 |
| 00.00 a.m. - 01.00 a.m. | 1.8760 |
| 02.00 a.m. - 03.00 a.m. | 1.8750 |
| 03.00 a.m. - 04.00 a.m. | 1.8450 |
| 04.00 a.m. - 05.00 a.m. | 1.8240 |
| 05.00 a.m. - 06.00 a.m. | 1.8990 |
| 06.00 a.m. - 07.00 a.m. | 1.9600 |
| 07.00 a.m. - 08.00 a.m. | 2.4560 |
| 08.00 a.m. - 09.00 a.m. | 2.3540 |
| 8 Hour Average | 2.5725 |
| 1 Hour Maximum | 2.6380 |
| 1 Hour Minimum | 1.8240 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Expiry Date : Oct 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 14 - 15 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 2.5670 |
| 10.00 a.m. - 11.00 a.m. | 2.5970 |
| 11.00 a.m. - 12.00 p.m. | 2.6540 |
| 12.00 p.m. - 01.00 p.m. | 2.6800 |
| 01.00 p.m. - 02.00 p.m. | 2.7080 |
| 02.00 p.m. - 03.00 p.m. | 2.8460 |
| 03.00 p.m. - 04.00 p.m. | 2.7900 |
| 04.00 p.m. - 05.00 p.m. | 2.8020 |
| 05.00 p.m. - 06.00 p.m. | 2.5010 |
| 06.00 p.m. - 07.00 p.m. | 2.3960 |
| 07.00 p.m. - 08.00 p.m. | 2.3490 |
| 08.00 p.m. - 09.00 p.m. | 2.3300 |
| 09.00 p.m. - 10.00 p.m. | 2.0990 |
| 10.00 p.m. - 11.00 p.m. | 1.9100 |
| 11.00 p.m. - 12.00 a.m. | 1.8680 |
| 12.00 a.m. - 00.00 a.m. | 1.8520 |
| 00.00 a.m. - 01.00 a.m. | 1.7740 |
| 02.00 a.m. - 03.00 a.m. | 1.7730 |
| 03.00 a.m. - 04.00 a.m. | 1.7430 |
| 04.00 a.m. - 05.00 a.m. | 1.7220 |
| 05.00 a.m. - 06.00 a.m. | 1.7970 |
| 06.00 a.m. - 07.00 a.m. | 1.8580 |
| 07.00 a.m. - 08.00 a.m. | 2.3540 |
| 08.00 a.m. - 09.00 a.m. | 2.2520 |
| 8 Hour Average | 2.7055 |
| 1 Hour Maximum | 2.8460 |
| 1 Hour Minimum | 1.7220 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Sample Date : Oct 29, 2023



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธมาไฮด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

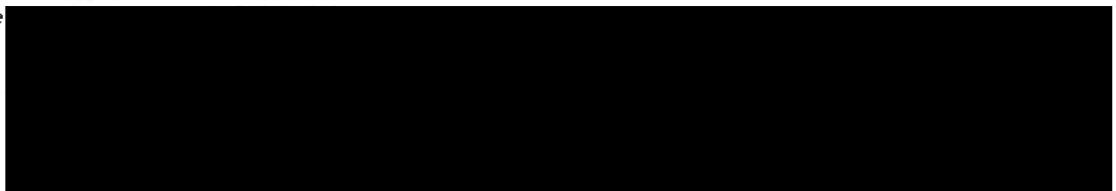
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 2.5090 |
| 10.00 a.m. - 11.00 a.m. | 2.5760 |
| 11.00 a.m. - 12.00 p.m. | 2.5680 |
| 12.00 p.m. - 01.00 p.m. | 2.5460 |
| 01.00 p.m. - 02.00 p.m. | 2.5380 |
| 02.00 p.m. - 03.00 p.m. | 2.5480 |
| 03.00 p.m. - 04.00 p.m. | 2.5960 |
| 04.00 p.m. - 05.00 p.m. | 2.5780 |
| 05.00 p.m. - 06.00 p.m. | 2.4350 |
| 06.00 p.m. - 07.00 p.m. | 2.1970 |
| 07.00 p.m. - 08.00 p.m. | 2.1500 |
| 08.00 p.m. - 09.00 p.m. | 2.1310 |
| 09.00 p.m. - 10.00 p.m. | 1.9000 |
| 10.00 p.m. - 11.00 p.m. | 1.7110 |
| 11.00 p.m. - 12.00 a.m. | 1.6690 |
| 12.00 a.m. - 00.00 a.m. | 1.6530 |
| 00.00 a.m. - 01.00 a.m. | 1.5750 |
| 02.00 a.m. - 03.00 a.m. | 1.5740 |
| 03.00 a.m. - 04.00 a.m. | 1.5440 |
| 04.00 a.m. - 05.00 a.m. | 1.5230 |
| 05.00 a.m. - 06.00 a.m. | 1.5980 |
| 06.00 a.m. - 07.00 a.m. | 1.6590 |
| 07.00 a.m. - 08.00 a.m. | 2.1550 |
| 08.00 a.m. - 09.00 a.m. | 2.5920 |
| 8 Hour Average | 2.5574 |
| 1 Hour Maximum | 2.5960 |
| 1 Hour Minimum | 1.5230 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Expire





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานคมแห่งชาติดิจิทัล (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 13 - 14 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 1.0145 |
| 10.00 a.m. - 11.00 a.m. | 1.0024 |
| 11.00 a.m. - 12.00 p.m. | 1.0056 |
| 12.00 p.m. - 01.00 p.m. | 1.0086 |
| 01.00 p.m. - 02.00 p.m. | 1.0153 |
| 02.00 p.m. - 03.00 p.m. | 1.0203 |
| 03.00 p.m. - 04.00 p.m. | 1.0168 |
| 04.00 p.m. - 05.00 p.m. | 1.0146 |
| 05.00 p.m. - 06.00 p.m. | 1.0124 |
| 06.00 p.m. - 07.00 p.m. | 0.9581 |
| 07.00 p.m. - 08.00 p.m. | 0.8519 |
| 08.00 p.m. - 09.00 p.m. | 0.8437 |
| 09.00 p.m. - 10.00 p.m. | 0.8405 |
| 10.00 p.m. - 11.00 p.m. | 0.8438 |
| 11.00 p.m. - 00.00 a.m. | 0.8397 |
| 00.00 a.m. - 01.00 a.m. | 0.8327 |
| 01.00 a.m. - 02.00 a.m. | 0.8309 |
| 02.00 a.m. - 03.00 a.m. | 0.8345 |
| 03.00 a.m. - 04.00 a.m. | 0.8327 |
| 04.00 a.m. - 05.00 a.m. | 0.8369 |
| 05.00 a.m. - 06.00 a.m. | 0.8287 |
| 06.00 a.m. - 07.00 a.m. | 0.8478 |
| 07.00 a.m. - 08.00 a.m. | 0.8502 |
| 08.00 a.m. - 09.00 a.m. | 1.0090 |
| 8 Hour Average | 1.0123 |
| 1 Hour Maximum | 1.0203 |
| 1 Hour Minimum | 0.8287 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

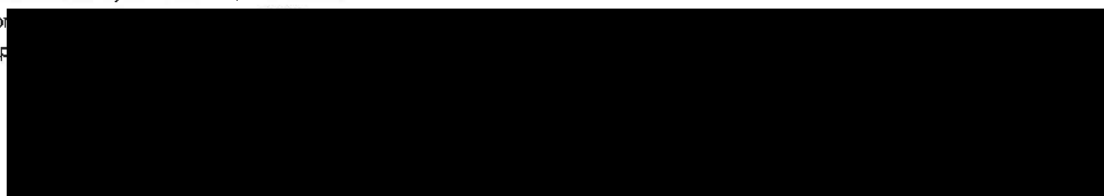
Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358

Calibration Gas Cylinder I.D. : EB0129027

Con

Exp



Signature

Signature



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐดีแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ดี พัทยาใต้
(Atrmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

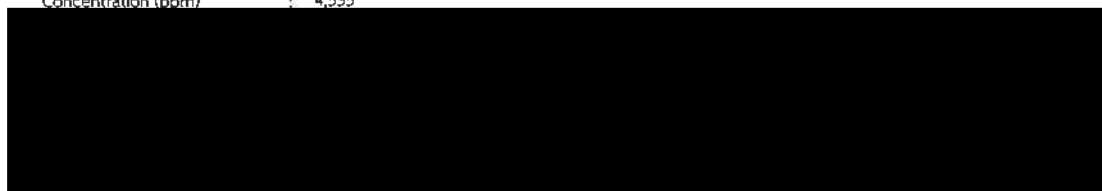
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 14 - 15 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 1.0120 |
| 10.00 a.m. - 11.00 a.m. | 1.0014 |
| 11.00 a.m. - 12.00 p.m. | 1.0016 |
| 12.00 p.m. - 01.00 p.m. | 1.0079 |
| 01.00 p.m. - 02.00 p.m. | 1.0088 |
| 02.00 p.m. - 03.00 p.m. | 1.0092 |
| 03.00 p.m. - 04.00 p.m. | 1.0187 |
| 04.00 p.m. - 05.00 p.m. | 1.0220 |
| 05.00 p.m. - 06.00 p.m. | 1.0150 |
| 06.00 p.m. - 07.00 p.m. | 0.9543 |
| 07.00 p.m. - 08.00 p.m. | 0.8583 |
| 08.00 p.m. - 09.00 p.m. | 0.8629 |
| 09.00 p.m. - 10.00 p.m. | 0.8566 |
| 10.00 p.m. - 11.00 p.m. | 0.8675 |
| 11.00 p.m. - 00.00 a.m. | 0.8567 |
| 00.00 a.m. - 01.00 a.m. | 0.8549 |
| 01.00 a.m. - 02.00 a.m. | 0.8567 |
| 02.00 a.m. - 03.00 a.m. | 0.8597 |
| 03.00 a.m. - 04.00 a.m. | 0.8512 |
| 04.00 a.m. - 05.00 a.m. | 0.8507 |
| 05.00 a.m. - 06.00 a.m. | 0.8435 |
| 06.00 a.m. - 07.00 a.m. | 0.8278 |
| 07.00 a.m. - 08.00 a.m. | 0.8463 |
| 08.00 a.m. - 09.00 a.m. | 1.0052 |
| 8 Hour Average | 1.0106 |
| 1 Hour Maximum | 1.0220 |
| 1 Hour Minimum | 0.8278 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท วัชรวิทย์เมชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Ambient Air
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 1.0069 |
| 10.00 a.m. - 11.00 a.m. | 1.0157 |
| 11.00 a.m. - 12.00 p.m. | 1.0011 |
| 12.00 p.m. - 01.00 p.m. | 1.0001 |
| 01.00 p.m. - 02.00 p.m. | 1.0145 |
| 02.00 p.m. - 03.00 p.m. | 1.0072 |
| 03.00 p.m. - 04.00 p.m. | 1.0137 |
| 04.00 p.m. - 05.00 p.m. | 1.0158 |
| 05.00 p.m. - 06.00 p.m. | 1.0128 |
| 06.00 p.m. - 07.00 p.m. | 0.9601 |
| 07.00 p.m. - 08.00 p.m. | 0.8575 |
| 08.00 p.m. - 09.00 p.m. | 0.8585 |
| 09.00 p.m. - 10.00 p.m. | 0.8594 |
| 10.00 p.m. - 11.00 p.m. | 0.8504 |
| 11.00 p.m. - 00.00 a.m. | 0.8497 |
| 00.00 a.m. - 01.00 a.m. | 0.8465 |
| 01.00 a.m. - 02.00 a.m. | 0.8452 |
| 02.00 a.m. - 03.00 a.m. | 0.8394 |
| 03.00 a.m. - 04.00 a.m. | 0.8245 |
| 04.00 a.m. - 05.00 a.m. | 0.8304 |
| 05.00 a.m. - 06.00 a.m. | 0.8278 |
| 06.00 a.m. - 07.00 a.m. | 0.8384 |
| 07.00 a.m. - 08.00 a.m. | 0.8248 |
| 08.00 a.m. - 09.00 a.m. | 1.0057 |
| 8 Hour Average | 1.0101 |
| 1 Hour Maximum | 1.0158 |
| 1 Hour Minimum | 0.8245 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4.535





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธมาไฮด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

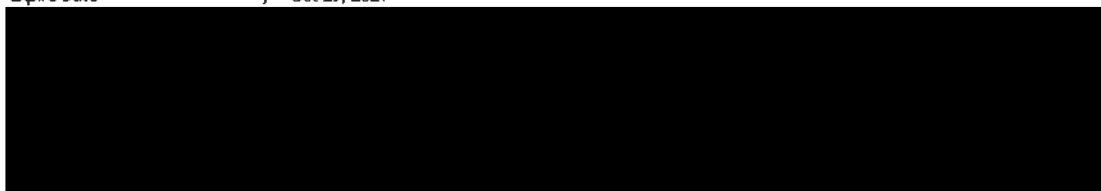
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 13 - 14 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0204 |
| 10.00 a.m. - 11.00 a.m. | 0.0217 |
| 11.00 a.m. - 12.00 p.m. | 0.0229 |
| 12.00 p.m. - 01.00 p.m. | 0.0220 |
| 01.00 p.m. - 02.00 p.m. | 0.0239 |
| 02.00 p.m. - 03.00 p.m. | 0.0234 |
| 03.00 p.m. - 04.00 p.m. | 0.0217 |
| 04.00 p.m. - 05.00 p.m. | 0.0220 |
| 05.00 p.m. - 06.00 p.m. | 0.0208 |
| 06.00 p.m. - 07.00 p.m. | 0.0217 |
| 07.00 p.m. - 08.00 p.m. | 0.0204 |
| 08.00 p.m. - 09.00 p.m. | 0.0194 |
| 09.00 p.m. - 10.00 p.m. | 0.0192 |
| 10.00 p.m. - 11.00 p.m. | 0.0184 |
| 11.00 p.m. - 00.00 a.m. | 0.0187 |
| 00.00 a.m. - 01.00 a.m. | 0.0185 |
| 01.00 a.m. - 02.00 a.m. | 0.0181 |
| 02.00 a.m. - 03.00 a.m. | 0.0184 |
| 03.00 a.m. - 04.00 a.m. | 0.0185 |
| 04.00 a.m. - 05.00 a.m. | 0.0189 |
| 05.00 a.m. - 06.00 a.m. | 0.0191 |
| 06.00 a.m. - 07.00 a.m. | 0.0197 |
| 07.00 a.m. - 08.00 a.m. | 0.0189 |
| 08.00 a.m. - 09.00 a.m. | 0.0198 |
| 24 Hour Average | 0.0203 |
| 1 Hour Maximum | 0.0239 |
| 1 Hour Minimum | 0.0181 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท วัชรวิทย์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

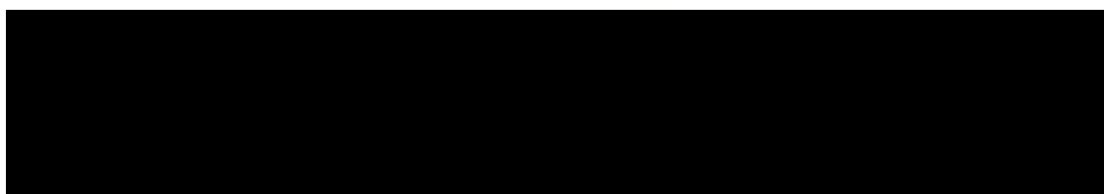
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 14 - 15 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0201 |
| 10.00 a.m. - 11.00 a.m. | 0.0214 |
| 11.00 a.m. - 12.00 p.m. | 0.0224 |
| 12.00 p.m. - 01.00 p.m. | 0.0210 |
| 01.00 p.m. - 02.00 p.m. | 0.0229 |
| 02.00 p.m. - 03.00 p.m. | 0.0224 |
| 03.00 p.m. - 04.00 p.m. | 0.0235 |
| 04.00 p.m. - 05.00 p.m. | 0.0221 |
| 05.00 p.m. - 06.00 p.m. | 0.0204 |
| 06.00 p.m. - 07.00 p.m. | 0.0201 |
| 07.00 p.m. - 08.00 p.m. | 0.0194 |
| 08.00 p.m. - 09.00 p.m. | 0.0183 |
| 09.00 p.m. - 10.00 p.m. | 0.0182 |
| 10.00 p.m. - 11.00 p.m. | 0.0184 |
| 11.00 p.m. - 00.00 a.m. | 0.0181 |
| 00.00 a.m. - 01.00 a.m. | 0.0178 |
| 01.00 a.m. - 02.00 a.m. | 0.0184 |
| 02.00 a.m. - 03.00 a.m. | 0.0176 |
| 03.00 a.m. - 04.00 a.m. | 0.0175 |
| 04.00 a.m. - 05.00 a.m. | 0.0178 |
| 05.00 a.m. - 06.00 a.m. | 0.0180 |
| 06.00 a.m. - 07.00 a.m. | 0.0183 |
| 07.00 a.m. - 08.00 a.m. | 0.0194 |
| 08.00 a.m. - 09.00 a.m. | 0.0191 |
| 24 Hour Average | 0.0197 |
| 1 Hour Maximum | 0.0236 |
| 1 Hour Minimum | 0.0175 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.enviro@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

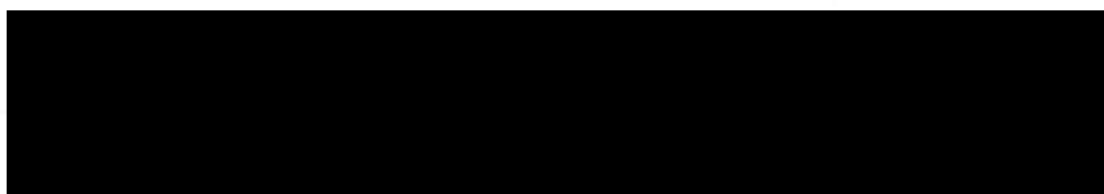
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0214 |
| 10.00 a.m. - 11.00 a.m. | 0.0208 |
| 11.00 a.m. - 12.00 p.m. | 0.0227 |
| 12.00 p.m. - 01.00 p.m. | 0.0224 |
| 01.00 p.m. - 02.00 p.m. | 0.0215 |
| 02.00 p.m. - 03.00 p.m. | 0.0205 |
| 03.00 p.m. - 04.00 p.m. | 0.0218 |
| 04.00 p.m. - 05.00 p.m. | 0.0207 |
| 05.00 p.m. - 06.00 p.m. | 0.0208 |
| 06.00 p.m. - 07.00 p.m. | 0.0198 |
| 07.00 p.m. - 08.00 p.m. | 0.0197 |
| 08.00 p.m. - 09.00 p.m. | 0.0181 |
| 09.00 p.m. - 10.00 p.m. | 0.0180 |
| 10.00 p.m. - 11.00 p.m. | 0.0187 |
| 11.00 p.m. - 00.00 a.m. | 0.0175 |
| 00.00 a.m. - 01.00 a.m. | 0.0176 |
| 01.00 a.m. - 02.00 a.m. | 0.0178 |
| 02.00 a.m. - 03.00 a.m. | 0.0177 |
| 03.00 a.m. - 04.00 a.m. | 0.0168 |
| 04.00 a.m. - 05.00 a.m. | 0.0187 |
| 05.00 a.m. - 06.00 a.m. | 0.0186 |
| 06.00 a.m. - 07.00 a.m. | 0.0185 |
| 07.00 a.m. - 08.00 a.m. | 0.0189 |
| 08.00 a.m. - 09.00 a.m. | 0.0193 |
| 24 Hour Average | 0.0195 |
| 1 Hour Maximum | 0.0227 |
| 1 Hour Minimum | 0.0168 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : E80129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอมมาต์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

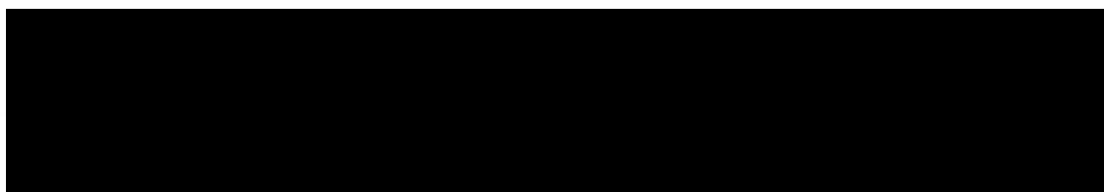
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 13 - 14 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0157 |
| 10.00 a.m. - 11.00 a.m. | 0.0152 |
| 11.00 a.m. - 12.00 p.m. | 0.0154 |
| 12.00 p.m. - 01.00 p.m. | 0.0149 |
| 01.00 p.m. - 02.00 p.m. | 0.0151 |
| 02.00 p.m. - 03.00 p.m. | 0.0157 |
| 03.00 p.m. - 04.00 p.m. | 0.0156 |
| 04.00 p.m. - 05.00 p.m. | 0.0160 |
| 05.00 p.m. - 06.00 p.m. | 0.0152 |
| 06.00 p.m. - 07.00 p.m. | 0.0142 |
| 07.00 p.m. - 08.00 p.m. | 0.0141 |
| 08.00 p.m. - 09.00 p.m. | 0.0140 |
| 09.00 p.m. - 10.00 p.m. | 0.0148 |
| 10.00 p.m. - 11.00 p.m. | 0.0147 |
| 11.00 p.m. - 00.00 a.m. | 0.0143 |
| 00.00 a.m. - 01.00 a.m. | 0.0140 |
| 01.00 a.m. - 02.00 a.m. | 0.0138 |
| 02.00 a.m. - 03.00 a.m. | 0.0137 |
| 03.00 a.m. - 04.00 a.m. | 0.0145 |
| 04.00 a.m. - 05.00 a.m. | 0.0142 |
| 05.00 a.m. - 06.00 a.m. | 0.0141 |
| 06.00 a.m. - 07.00 a.m. | 0.0138 |
| 07.00 a.m. - 08.00 a.m. | 0.0148 |
| 08.00 a.m. - 09.00 a.m. | 0.0154 |
| 24 Hour Average | 0.0147 |
| 1 Hour Maximum | 0.0160 |
| 1 Hour Minimum | 0.0137 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. ; 42C and 42C-56817-311
Calibration Gas Cylinder I.D. ; EB0129027
Concentration (ppm) ; 55.47
Expire Date ; Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐภูมิเนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาฮัต พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคมนาคนแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

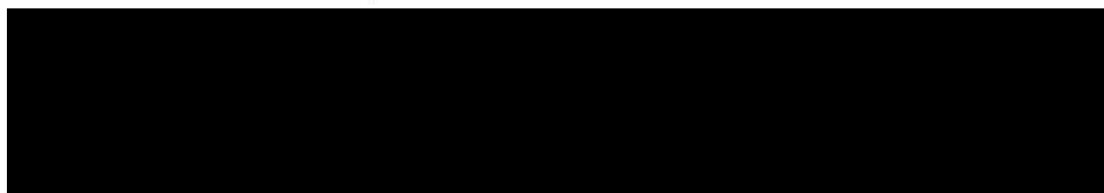
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 14 - 15 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0151 |
| 10.00 a.m. - 11.00 a.m. | 0.0154 |
| 11.00 a.m. - 12.00 p.m. | 0.0159 |
| 12.00 p.m. - 01.00 p.m. | 0.0164 |
| 01.00 p.m. - 02.00 p.m. | 0.0150 |
| 02.00 p.m. - 03.00 p.m. | 0.0167 |
| 03.00 p.m. - 04.00 p.m. | 0.0164 |
| 04.00 p.m. - 05.00 p.m. | 0.0170 |
| 05.00 p.m. - 06.00 p.m. | 0.0161 |
| 06.00 p.m. - 07.00 p.m. | 0.0162 |
| 07.00 p.m. - 08.00 p.m. | 0.0157 |
| 08.00 p.m. - 09.00 p.m. | 0.0145 |
| 09.00 p.m. - 10.00 p.m. | 0.0142 |
| 10.00 p.m. - 11.00 p.m. | 0.0147 |
| 11.00 p.m. - 00.00 a.m. | 0.0143 |
| 00.00 a.m. - 01.00 a.m. | 0.0147 |
| 01.00 a.m. - 02.00 a.m. | 0.0151 |
| 02.00 a.m. - 03.00 a.m. | 0.0147 |
| 03.00 a.m. - 04.00 a.m. | 0.0142 |
| 04.00 a.m. - 05.00 a.m. | 0.0135 |
| 05.00 a.m. - 06.00 a.m. | 0.0136 |
| 06.00 a.m. - 07.00 a.m. | 0.0127 |
| 07.00 a.m. - 08.00 a.m. | 0.0128 |
| 08.00 a.m. - 09.00 a.m. | 0.0151 |
| 24 Hour Average | 0.0150 |
| 1 Hour Maximum | 0.0170 |
| 1 Hour Minimum | 0.0127 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมมาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Ambient Air
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0154 |
| 10.00 a.m. - 11.00 a.m. | 0.0161 |
| 11.00 a.m. - 12.00 p.m. | 0.0162 |
| 12.00 p.m. - 01.00 p.m. | 0.0179 |
| 01.00 p.m. - 02.00 p.m. | 0.0172 |
| 02.00 p.m. - 03.00 p.m. | 0.0167 |
| 03.00 p.m. - 04.00 p.m. | 0.0168 |
| 04.00 p.m. - 05.00 p.m. | 0.0153 |
| 05.00 p.m. - 06.00 p.m. | 0.0157 |
| 06.00 p.m. - 07.00 p.m. | 0.0146 |
| 07.00 p.m. - 08.00 p.m. | 0.0149 |
| 08.00 p.m. - 09.00 p.m. | 0.0135 |
| 09.00 p.m. - 10.00 p.m. | 0.0132 |
| 10.00 p.m. - 11.00 p.m. | 0.0147 |
| 11.00 p.m. - 00.00 a.m. | 0.0146 |
| 00.00 a.m. - 01.00 a.m. | 0.0137 |
| 01.00 a.m. - 02.00 a.m. | 0.0138 |
| 02.00 a.m. - 03.00 a.m. | 0.0146 |
| 03.00 a.m. - 04.00 a.m. | 0.0142 |
| 04.00 a.m. - 05.00 a.m. | 0.0159 |
| 05.00 a.m. - 06.00 a.m. | 0.0148 |
| 06.00 a.m. - 07.00 a.m. | 0.0161 |
| 07.00 a.m. - 08.00 a.m. | 0.0163 |
| 08.00 a.m. - 09.00 a.m. | 0.0157 |
| 24 Hour Average | 0.0153 |
| 1 Hour Maximum | 0.0179 |
| 1 Hour Minimum | 0.0132 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

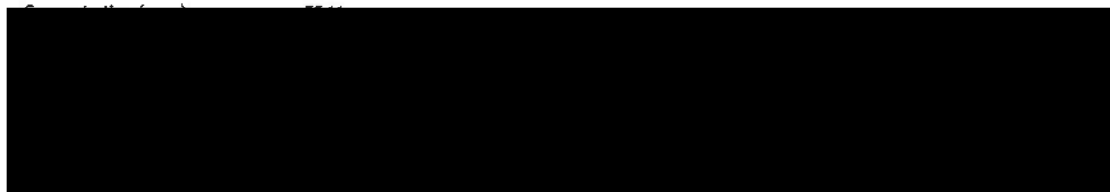
Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 13 - 14 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0053 |
| 10.00 a.m. - 11.00 a.m. | 0.0056 |
| 11.00 a.m. - 12.00 p.m. | 0.0055 |
| 12.00 p.m. - 01.00 p.m. | 0.0057 |
| 01.00 p.m. - 02.00 p.m. | 0.0058 |
| 02.00 p.m. - 03.00 p.m. | 0.0056 |
| 03.00 p.m. - 04.00 p.m. | 0.0060 |
| 04.00 p.m. - 05.00 p.m. | 0.0062 |
| 05.00 p.m. - 06.00 p.m. | 0.0061 |
| 06.00 p.m. - 07.00 p.m. | 0.0057 |
| 07.00 p.m. - 08.00 p.m. | 0.0054 |
| 08.00 p.m. - 09.00 p.m. | 0.0052 |
| 09.00 p.m. - 10.00 p.m. | 0.0051 |
| 10.00 p.m. - 11.00 p.m. | 0.0059 |
| 11.00 p.m. - 00.00 a.m. | 0.0057 |
| 00.00 a.m. - 01.00 a.m. | 0.0054 |
| 01.00 a.m. - 02.00 a.m. | 0.0052 |
| 02.00 a.m. - 03.00 a.m. | 0.0050 |
| 03.00 a.m. - 04.00 a.m. | 0.0052 |
| 04.00 a.m. - 05.00 a.m. | 0.0051 |
| 05.00 a.m. - 06.00 a.m. | 0.0053 |
| 06.00 a.m. - 07.00 a.m. | 0.0054 |
| 07.00 a.m. - 08.00 a.m. | 0.0051 |
| 08.00 a.m. - 09.00 a.m. | 0.0052 |
| 24 Hour Average | 0.0055 |
| 1 Hour Maximum | 0.0062 |
| 1 Hour Minimum | 0.0050 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : EB0129027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท วัชรวิวัฒน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 14 - 15 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0062 |
| 10.00 a.m. - 11.00 a.m. | 0.0068 |
| 11.00 a.m. - 12.00 p.m. | 0.0067 |
| 12.00 p.m. - 01.00 p.m. | 0.0057 |
| 01.00 p.m. - 02.00 p.m. | 0.0059 |
| 02.00 p.m. - 03.00 p.m. | 0.0060 |
| 03.00 p.m. - 04.00 p.m. | 0.0061 |
| 04.00 p.m. - 05.00 p.m. | 0.0058 |
| 05.00 p.m. - 06.00 p.m. | 0.0051 |
| 06.00 p.m. - 07.00 p.m. | 0.0052 |
| 07.00 p.m. - 08.00 p.m. | 0.0051 |
| 08.00 p.m. - 09.00 p.m. | 0.0053 |
| 09.00 p.m. - 10.00 p.m. | 0.0054 |
| 10.00 p.m. - 11.00 p.m. | 0.0050 |
| 11.00 p.m. - 00.00 a.m. | 0.0052 |
| 00.00 a.m. - 01.00 a.m. | 0.0049 |
| 01.00 a.m. - 02.00 a.m. | 0.0050 |
| 02.00 a.m. - 03.00 a.m. | 0.0052 |
| 03.00 a.m. - 04.00 a.m. | 0.0051 |
| 04.00 a.m. - 05.00 a.m. | 0.0052 |
| 05.00 a.m. - 06.00 a.m. | 0.0055 |
| 06.00 a.m. - 07.00 a.m. | 0.0051 |
| 07.00 a.m. - 08.00 a.m. | 0.0053 |
| 08.00 a.m. - 09.00 a.m. | 0.0058 |
| 24 Hour Average | 0.0055 |
| 1 Hour Maximum | 0.0068 |
| 1 Hour Minimum | 0.0049 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948

Calibration Gas Cylinder I.D. : EB0129027

Concentration (ppm) : 55.44



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท วัชรวิทย์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอมมาไฮด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0060 |
| 10.00 a.m. - 11.00 a.m. | 0.0067 |
| 11.00 a.m. - 12.00 p.m. | 0.0064 |
| 12.00 p.m. - 01.00 p.m. | 0.0068 |
| 01.00 p.m. - 02.00 p.m. | 0.0064 |
| 02.00 p.m. - 03.00 p.m. | 0.0067 |
| 03.00 p.m. - 04.00 p.m. | 0.0066 |
| 04.00 p.m. - 05.00 p.m. | 0.0065 |
| 05.00 p.m. - 06.00 p.m. | 0.0061 |
| 06.00 p.m. - 07.00 p.m. | 0.0059 |
| 07.00 p.m. - 08.00 p.m. | 0.0060 |
| 08.00 p.m. - 09.00 p.m. | 0.0054 |
| 09.00 p.m. - 10.00 p.m. | 0.0056 |
| 10.00 p.m. - 11.00 p.m. | 0.0051 |
| 11.00 p.m. - 00.00 a.m. | 0.0053 |
| 00.00 a.m. - 01.00 a.m. | 0.0050 |
| 01.00 a.m. - 02.00 a.m. | 0.0051 |
| 02.00 a.m. - 03.00 a.m. | 0.0052 |
| 03.00 a.m. - 04.00 a.m. | 0.0057 |
| 04.00 a.m. - 05.00 a.m. | 0.0056 |
| 05.00 a.m. - 06.00 a.m. | 0.0054 |
| 06.00 a.m. - 07.00 a.m. | 0.0052 |
| 07.00 a.m. - 08.00 a.m. | 0.0056 |
| 08.00 a.m. - 09.00 a.m. | 0.0058 |
| 24 Hour Average | 0.0058 |
| 1 Hour Maximum | 0.0068 |
| 1 Hour Minimum | 0.0050 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948

Calibration Gas Cylinder I.D. : EB0129027

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TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
 Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
 (Atmind Hotel South Pattaya)
 Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
 Sampling Point : พื้นที่บริษัท ไทโรคมานคมแห่งชาติ จำกัด (มหาชน)
 GPS. Coordinate : 47 P 704349 E 1429422 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
 Sample No. : S68033/4
 Sample Type : Ambient Air
 Sampling Date : 13 - 14 May 2025
 Received Date : 19 May 2025
 Analytical Date : 19 - 21 May 2025
 Report Date : 22 May 2025
 Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0037 |
| 10.00 a.m. - 11.00 a.m. | 0.0052 |
| 11.00 a.m. - 12.00 p.m. | 0.0058 |
| 12.00 p.m. - 01.00 p.m. | 0.0053 |
| 01.00 p.m. - 02.00 p.m. | 0.0043 |
| 02.00 p.m. - 03.00 p.m. | 0.0056 |
| 03.00 p.m. - 04.00 p.m. | 0.0055 |
| 04.00 p.m. - 05.00 p.m. | 0.0049 |
| 05.00 p.m. - 06.00 p.m. | 0.0046 |
| 06.00 p.m. - 07.00 p.m. | 0.0048 |
| 07.00 p.m. - 08.00 p.m. | 0.0043 |
| 08.00 p.m. - 09.00 p.m. | 0.0046 |
| 09.00 p.m. - 10.00 p.m. | 0.0052 |
| 10.00 p.m. - 11.00 p.m. | 0.0051 |
| 11.00 p.m. - 00.00 a.m. | 0.0046 |
| 00.00 a.m. - 01.00 a.m. | 0.0038 |
| 01.00 a.m. - 02.00 a.m. | 0.0035 |
| 02.00 a.m. - 03.00 a.m. | 0.0038 |
| 03.00 a.m. - 04.00 a.m. | 0.0035 |
| 04.00 a.m. - 05.00 a.m. | 0.0043 |
| 05.00 a.m. - 06.00 a.m. | 0.0038 |
| 06.00 a.m. - 07.00 a.m. | 0.0036 |
| 07.00 a.m. - 08.00 a.m. | 0.0036 |
| 08.00 a.m. - 09.00 a.m. | 0.0035 |
| 24 Hour Average | 0.0045 |
| 1 Hour Maximum | 0.0058 |
| 1 Hour Minimum | 0.0035 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere
 : ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in
 the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
 Calibration Gas Cylinder I.D. : EB0129027
 Concentration (ppm) : 55.11



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.enviro@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคมนแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

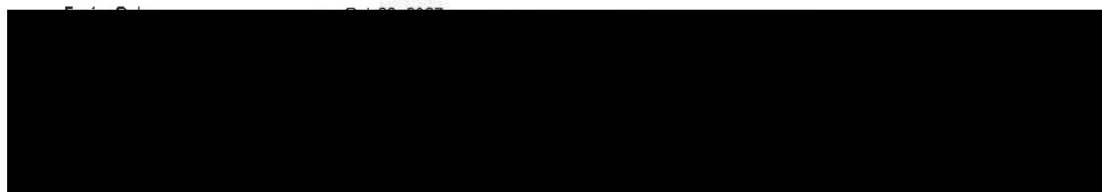
Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 14 - 15 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0037 |
| 10.00 a.m. - 11.00 a.m. | 0.0042 |
| 11.00 a.m. - 12.00 p.m. | 0.0041 |
| 12.00 p.m. - 01.00 p.m. | 0.0056 |
| 01.00 p.m. - 02.00 p.m. | 0.0059 |
| 02.00 p.m. - 03.00 p.m. | 0.0061 |
| 03.00 p.m. - 04.00 p.m. | 0.0063 |
| 04.00 p.m. - 05.00 p.m. | 0.0062 |
| 05.00 p.m. - 06.00 p.m. | 0.0060 |
| 06.00 p.m. - 07.00 p.m. | 0.0057 |
| 07.00 p.m. - 08.00 p.m. | 0.0052 |
| 08.00 p.m. - 09.00 p.m. | 0.0049 |
| 09.00 p.m. - 10.00 p.m. | 0.0047 |
| 10.00 p.m. - 11.00 p.m. | 0.0045 |
| 11.00 p.m. - 00.00 a.m. | 0.0046 |
| 00.00 a.m. - 01.00 a.m. | 0.0046 |
| 01.00 a.m. - 02.00 a.m. | 0.0045 |
| 02.00 a.m. - 03.00 a.m. | 0.0046 |
| 03.00 a.m. - 04.00 a.m. | 0.0047 |
| 04.00 a.m. - 05.00 a.m. | 0.0041 |
| 05.00 a.m. - 06.00 a.m. | 0.0037 |
| 06.00 a.m. - 07.00 a.m. | 0.0035 |
| 07.00 a.m. - 08.00 a.m. | 0.0033 |
| 08.00 a.m. - 09.00 a.m. | 0.0036 |
| 24 Hour Average | 0.0048 |
| 1 Hour Maximum | 0.0063 |
| 1 Hour Minimum | 0.0033 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.11





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคอมมูนิตี้มาตย์ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Ambient Air
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0029 |
| 10.00 a.m. - 11.00 a.m. | 0.0044 |
| 11.00 a.m. - 12.00 p.m. | 0.0041 |
| 12.00 p.m. - 01.00 p.m. | 0.0051 |
| 01.00 p.m. - 02.00 p.m. | 0.0053 |
| 02.00 p.m. - 03.00 p.m. | 0.0056 |
| 03.00 p.m. - 04.00 p.m. | 0.0055 |
| 04.00 p.m. - 05.00 p.m. | 0.0056 |
| 05.00 p.m. - 06.00 p.m. | 0.0056 |
| 06.00 p.m. - 07.00 p.m. | 0.0052 |
| 07.00 p.m. - 08.00 p.m. | 0.0053 |
| 08.00 p.m. - 09.00 p.m. | 0.0054 |
| 09.00 p.m. - 10.00 p.m. | 0.0054 |
| 10.00 p.m. - 11.00 p.m. | 0.0053 |
| 11.00 p.m. - 00.00 a.m. | 0.0050 |
| 00.00 a.m. - 01.00 a.m. | 0.0052 |
| 01.00 a.m. - 02.00 a.m. | 0.0042 |
| 02.00 a.m. - 03.00 a.m. | 0.0042 |
| 03.00 a.m. - 04.00 a.m. | 0.0038 |
| 04.00 a.m. - 05.00 a.m. | 0.0026 |
| 05.00 a.m. - 06.00 a.m. | 0.0031 |
| 06.00 a.m. - 07.00 a.m. | 0.0023 |
| 07.00 a.m. - 08.00 a.m. | 0.0032 |
| 08.00 a.m. - 09.00 a.m. | 0.0028 |
| 24 Hour Average | 0.0045 |
| 1 Hour Maximum | 0.0056 |
| 1 Hour Minimum | 0.0023 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337

Calibration Gas Cylinder I.D. : EB0129027

Concentration (ppm) : 55.11

E



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704329 E 1429371 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 13 - 15 May 2025
Sampling Time : 09.30 a.m.
Received Date : 19 May 2025
Analytical Date : 19 - 20 May 2025
Report Date : 21 May 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/3 | 13/05/2025 | 0.723 | 0.941 | 1.664 |
| S68033/5 | 14/05/2025 | 0.665 | 0.883 | 1.548 |
| S68033/7 | 15/05/2025 | 0.701 | 1.171 | 1.872 |

Remark : Model and Serial No. : APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. : 4860
Concentration (ppm) : 183.0
Expire Date : Dec 06, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมมาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704349 E 1429422 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 13 - 15 May 2025
Sampling Time : 09.30 a.m.
Received Date : 19 May 2025
Analytical Date : 19 - 20 May 2025
Report Date : 21 May 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/4 | 13/05/2025 | 0.810 | 1.028 | 1.838 |
| S68033/6 | 14/05/2025 | 0.781 | 1.251 | 2.032 |
| S68033/8 | 15/05/2025 | 0.811 | 1.281 | 2.092 |

Remark : Model and Serial No. ; APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. ; 4860
Concentration (ppm) ; 183.0
Expire Date ; Dec 06, 2025

บริษัท ญัฐวุฒิแมนชั่น จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐภูมิแมบชั่น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429371 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 10 – 13 June 2025
Sampling Time : 09.57 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 26 June 2025
Report Date : 27 June 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------------|-----------------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/2 | 10-11/06/2025 | 0.0782 | 0.0389 |
| 2. | S68033/4 | 11-12/06/2025 | 0.0753 | 0.0374 |
| 3. | S68033/6 | 12-13/06/2025 | 0.0675 | 0.0334 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US.EPA.40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. : TNP-F-01-TSP and TNP-F-01-PM10

Calibrator Model and Serial No. : TE-5028 and 3945

Calibrator Expire Date : Sep 27, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 10 – 13 June 2025
Sampling Time : 09.35 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 26 June 2025
Report Date : 27 June 2025
Sampling Method : High-Volume Air Sampler

| Item | Sample No. | Sampling Date | Result (mg/m ³) | |
|----------|------------|---------------|------------------------------------|-----------------------------------------|
| | | | Total Suspended Particulates (TSP) | Particulate Matter < 10 microns (PM-10) |
| 1. | S68033/3 | 10-11/06/2025 | 0.0560 | 0.0277 |
| 2. | S68033/5 | 11-12/06/2025 | 0.0438 | 0.0216 |
| 3. | S68033/7 | 12-13/06/2025 | 0.0411 | 0.0202 |
| Standard | | | ≤ 0.33 | ≤ 0.12 |

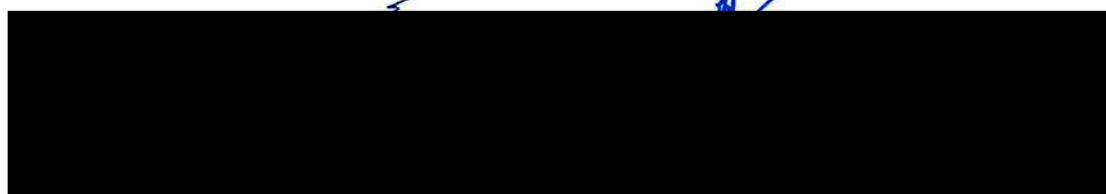
Standard : Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

Method : US EPA 40 CFR 60, Appendix B, Appendix J/ Gravimetric Method

Remark : Model and Serial No. : TNP-F-03-TSP and TNP-F-04-PM10

Calibrator Model and Serial No. : TE-5028 and 3945

Calibrator Expire Date : Sep 27, 2025



บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Ambient Air
Sampling Date : 10 – 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 1.9170 |
| 10.00 a.m. - 11.00 a.m. | 1.8310 |
| 11.00 a.m. - 12.00 p.m. | 1.8400 |
| 12.00 p.m. - 01.00 p.m. | 1.8820 |
| 01.00 p.m. - 02.00 p.m. | 2.1250 |
| 02.00 p.m. - 03.00 p.m. | 1.7510 |
| 03.00 p.m. - 04.00 p.m. | 2.0410 |
| 04.00 p.m. - 05.00 p.m. | 2.1450 |
| 05.00 p.m. - 06.00 p.m. | 1.9420 |
| 06.00 p.m. - 07.00 p.m. | 1.8220 |
| 07.00 p.m. - 08.00 p.m. | 1.7890 |
| 08.00 p.m. - 09.00 p.m. | 1.3430 |
| 09.00 p.m. - 10.00 p.m. | 1.5530 |
| 10.00 p.m. - 11.00 p.m. | 1.9320 |
| 11.00 p.m. - 00.00 a.m. | 1.8800 |
| 00.00 a.m. - 01.00 a.m. | 1.5090 |
| 01.00 a.m. - 02.00 a.m. | 1.7290 |
| 02.00 a.m. - 03.00 a.m. | 1.6790 |
| 03.00 a.m. - 04.00 a.m. | 1.4620 |
| 04.00 a.m. - 05.00 a.m. | 1.6060 |
| 05.00 a.m. - 06.00 a.m. | 1.8550 |
| 06.00 a.m. - 07.00 a.m. | 2.1070 |
| 07.00 a.m. - 08.00 a.m. | 2.1050 |
| 08.00 a.m. - 09.00 a.m. | 2.0760 |
| 8 Hour Average | 1.9446 |
| 1 Hour Maximum | 2.1450 |
| 1 Hour Minimum | 1.3430 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 11 – 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 1.8940 |
| 10.00 a.m. - 11.00 a.m. | 1.7880 |
| 11.00 a.m. - 12.00 p.m. | 1.7710 |
| 12.00 p.m. - 01.00 p.m. | 1.7750 |
| 01.00 p.m. - 02.00 p.m. | 1.6270 |
| 02.00 p.m. - 03.00 p.m. | 1.6830 |
| 03.00 p.m. - 04.00 p.m. | 1.4840 |
| 04.00 p.m. - 05.00 p.m. | 1.3310 |
| 05.00 p.m. - 06.00 p.m. | 1.4980 |
| 06.00 p.m. - 07.00 p.m. | 1.6440 |
| 07.00 p.m. - 08.00 p.m. | 1.4940 |
| 08.00 p.m. - 09.00 p.m. | 1.6170 |
| 09.00 p.m. - 10.00 p.m. | 1.7780 |
| 10.00 p.m. - 11.00 p.m. | 1.7550 |
| 11.00 p.m. - 00.00 a.m. | 1.5460 |
| 00.00 a.m. - 01.00 a.m. | 1.4860 |
| 01.00 a.m. - 02.00 a.m. | 1.5500 |
| 02.00 a.m. - 03.00 a.m. | 2.0670 |
| 03.00 a.m. - 04.00 a.m. | 1.6900 |
| 04.00 a.m. - 05.00 a.m. | 1.7510 |
| 05.00 a.m. - 06.00 a.m. | 2.0210 |
| 06.00 a.m. - 07.00 a.m. | 2.1480 |
| 07.00 a.m. - 08.00 a.m. | 1.4730 |
| 08.00 a.m. - 09.00 a.m. | 1.4040 |
| 8 Hour Average | 1.7824 |
| 1 Hour Maximum | 2.1480 |
| 1 Hour Minimum | 1.3310 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4,535
Expiry Date : Oct 20, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

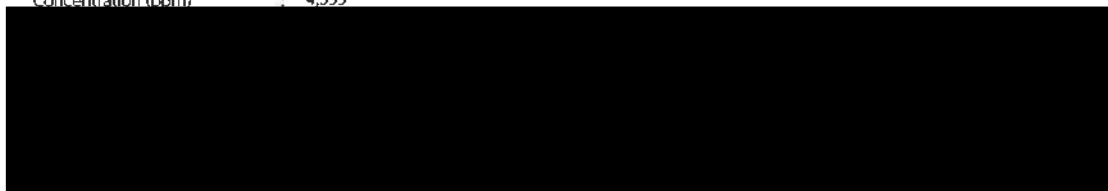
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 10 – 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 1.8490 |
| 10.00 a.m. - 11.00 a.m. | 1.7860 |
| 11.00 a.m. - 12.00 p.m. | 1.7980 |
| 12.00 p.m. - 01.00 p.m. | 1.9110 |
| 01.00 p.m. - 02.00 p.m. | 2.0600 |
| 02.00 p.m. - 03.00 p.m. | 2.0060 |
| 03.00 p.m. - 04.00 p.m. | 2.1000 |
| 04.00 p.m. - 05.00 p.m. | 1.5850 |
| 05.00 p.m. - 06.00 p.m. | 1.5230 |
| 06.00 p.m. - 07.00 p.m. | 1.8510 |
| 07.00 p.m. - 08.00 p.m. | 1.7920 |
| 08.00 p.m. - 09.00 p.m. | 1.8660 |
| 09.00 p.m. - 10.00 p.m. | 1.6200 |
| 10.00 p.m. - 11.00 p.m. | 1.5010 |
| 11.00 p.m. - 00.00 a.m. | 1.6830 |
| 00.00 a.m. - 01.00 a.m. | 1.7560 |
| 01.00 a.m. - 02.00 a.m. | 1.6840 |
| 02.00 a.m. - 03.00 a.m. | 1.8170 |
| 03.00 a.m. - 04.00 a.m. | 1.8500 |
| 04.00 a.m. - 05.00 a.m. | 1.7780 |
| 05.00 a.m. - 06.00 a.m. | 1.7560 |
| 06.00 a.m. - 07.00 a.m. | 1.6650 |
| 07.00 a.m. - 08.00 a.m. | 1.6450 |
| 08.00 a.m. - 09.00 a.m. | 1.6840 |
| 8 Hour Average | 1.8869 |
| 1 Hour Maximum | 2.1000 |
| 1 Hour Minimum | 1.5010 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48C-67530-357
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4.535





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 10 – 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 0.9851 |
| 10.00 a.m. - 11.00 a.m. | 1.0652 |
| 11.00 a.m. - 12.00 p.m. | 1.2451 |
| 12.00 p.m. - 01.00 p.m. | 1.1530 |
| 01.00 p.m. - 02.00 p.m. | 1.2658 |
| 02.00 p.m. - 03.00 p.m. | 1.3600 |
| 03.00 p.m. - 04.00 p.m. | 1.4257 |
| 04.00 p.m. - 05.00 p.m. | 1.5623 |
| 05.00 p.m. - 06.00 p.m. | 1.2011 |
| 06.00 p.m. - 07.00 p.m. | 1.0365 |
| 07.00 p.m. - 08.00 p.m. | 1.0084 |
| 08.00 p.m. - 09.00 p.m. | 0.9526 |
| 09.00 p.m. - 10.00 p.m. | 0.9475 |
| 10.00 p.m. - 11.00 p.m. | 0.9265 |
| 11.00 p.m. - 00.00 a.m. | 0.9840 |
| 00.00 a.m. - 01.00 a.m. | 0.9361 |
| 01.00 a.m. - 02.00 a.m. | 0.9458 |
| 02.00 a.m. - 03.00 a.m. | 0.9765 |
| 03.00 a.m. - 04.00 a.m. | 0.9826 |
| 04.00 a.m. - 05.00 a.m. | 0.9583 |
| 05.00 a.m. - 06.00 a.m. | 0.9294 |
| 06.00 a.m. - 07.00 a.m. | 1.0265 |
| 07.00 a.m. - 08.00 a.m. | 1.0858 |
| 08.00 a.m. - 09.00 a.m. | 1.1752 |
| 8 Hour Average | 1.2848 |
| 1 Hour Maximum | 1.5623 |
| 1 Hour Minimum | 0.9265 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 0.535

บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 11 - 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|--------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 1.0526 |
| 10.00 a.m. - 11.00 a.m. | 1.1362 |
| 11.00 a.m. - 12.00 p.m. | 1.4250 |
| 12.00 p.m. - 01.00 p.m. | 1.2301 |
| 01.00 p.m. - 02.00 p.m. | 1.0523 |
| 02.00 p.m. - 03.00 p.m. | 1.3620 |
| 03.00 p.m. - 04.00 p.m. | 1.2750 |
| 04.00 p.m. - 05.00 p.m. | 1.1043 |
| 05.00 p.m. - 06.00 p.m. | 1.0062 |
| 06.00 p.m. - 07.00 p.m. | 1.2520 |
| 07.00 p.m. - 08.00 p.m. | 1.0256 |
| 08.00 p.m. - 09.00 p.m. | 0.9845 |
| 09.00 p.m. - 10.00 p.m. | 0.9261 |
| 10.00 p.m. - 11.00 p.m. | 0.9046 |
| 11.00 p.m. - 00.00 a.m. | 0.8756 |
| 00.00 a.m. - 01.00 a.m. | 0.9221 |
| 01.00 a.m. - 02.00 a.m. | 0.9365 |
| 02.00 a.m. - 03.00 a.m. | 0.8745 |
| 03.00 a.m. - 04.00 a.m. | 0.8265 |
| 04.00 a.m. - 05.00 a.m. | 0.9668 |
| 05.00 a.m. - 06.00 a.m. | 0.9742 |
| 06.00 a.m. - 07.00 a.m. | 0.9852 |
| 07.00 a.m. - 08.00 a.m. | 0.1004 |
| 08.00 a.m. - 09.00 a.m. | 0.9654 |
| 8 Hour Average | 1.2134 |
| 1 Hour Maximum | 1.4250 |
| 1 Hour Minimum | 0.1004 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4.535



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมอทธaya พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมเนชั่นแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 12 – 13 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Non-Dispersive Infrared Detection

| Interval Time | Result (ppm) |
|---------------------------------|----------------------|
| | Carbon Monoxide (CO) |
| 09.00 a.m. - 10.00 a.m. | 0.9754 |
| 10.00 a.m. - 11.00 a.m. | 1.0653 |
| 11.00 a.m. - 12.00 p.m. | 1.1280 |
| 12.00 p.m. - 01.00 p.m. | 1.3624 |
| 01.00 p.m. - 02.00 p.m. | 1.2854 |
| 02.00 p.m. - 03.00 p.m. | 1.0634 |
| 03.00 p.m. - 04.00 p.m. | 1.1024 |
| 04.00 p.m. - 05.00 p.m. | 1.2850 |
| 05.00 p.m. - 06.00 p.m. | 1.0242 |
| 06.00 p.m. - 07.00 p.m. | 0.9856 |
| 07.00 p.m. - 08.00 p.m. | 0.9472 |
| 08.00 p.m. - 09.00 p.m. | 0.9563 |
| 09.00 p.m. - 10.00 p.m. | 0.9210 |
| 10.00 p.m. - 11.00 p.m. | 0.8594 |
| 11.00 p.m. - 00.00 a.m. | 0.9075 |
| 00.00 a.m. - 01.00 a.m. | 0.8362 |
| 01.00 a.m. - 02.00 a.m. | 0.9154 |
| 02.00 a.m. - 03.00 a.m. | 0.8654 |
| 03.00 a.m. - 04.00 a.m. | 0.8572 |
| 04.00 a.m. - 05.00 a.m. | 0.9056 |
| 05.00 a.m. - 06.00 a.m. | 0.9886 |
| 06.00 a.m. - 07.00 a.m. | 0.9475 |
| 07.00 a.m. - 08.00 a.m. | 0.9564 |
| 08.00 a.m. - 09.00 a.m. | 0.9813 |
| 8 Hour Average | 1.1645 |
| 1 Hour Maximum | 1.3624 |
| 1 Hour Minimum | 0.8362 |
| Standard 8 Hour Averages | 9 |
| Standard 1 Hour | 30 |

Standard : Notification of the National Environment Committee Issue 10 B.E. 2538 (1995) According to Supporting and Preserving National Environmental Quality Act, B.E. 2535 (1992), Air quality Standard in the generic atmosphere.

Remark : Model and Serial No. : 48C and 48CHL-67713-358
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 4.535



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐติเมทรี จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atrnind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Ambient Air
Sampling Date : 10 – 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0186 |
| 10.00 a.m. - 11.00 a.m. | 0.0204 |
| 11.00 a.m. - 12.00 p.m. | 0.0224 |
| 12.00 p.m. - 01.00 p.m. | 0.0236 |
| 01.00 p.m. - 02.00 p.m. | 0.0201 |
| 02.00 p.m. - 03.00 p.m. | 0.0214 |
| 03.00 p.m. - 04.00 p.m. | 0.0250 |
| 04.00 p.m. - 05.00 p.m. | 0.0203 |
| 05.00 p.m. - 06.00 p.m. | 0.0220 |
| 06.00 p.m. - 07.00 p.m. | 0.0205 |
| 07.00 p.m. - 08.00 p.m. | 0.0186 |
| 08.00 p.m. - 09.00 p.m. | 0.0172 |
| 09.00 p.m. - 10.00 p.m. | 0.0162 |
| 10.00 p.m. - 11.00 p.m. | 0.0156 |
| 11.00 p.m. - 00.00 a.m. | 0.0182 |
| 00.00 a.m. - 01.00 a.m. | 0.0163 |
| 01.00 a.m. - 02.00 a.m. | 0.0172 |
| 02.00 a.m. - 03.00 a.m. | 0.0193 |
| 03.00 a.m. - 04.00 a.m. | 0.0156 |
| 04.00 a.m. - 05.00 a.m. | 0.0182 |
| 05.00 a.m. - 06.00 a.m. | 0.0164 |
| 06.00 a.m. - 07.00 a.m. | 0.0192 |
| 07.00 a.m. - 08.00 a.m. | 0.0203 |
| 08.00 a.m. - 09.00 a.m. | 0.0234 |
| 24 Hour Average | 0.0194 |
| 1 Hour Maximum | 0.0250 |
| 1 Hour Minimum | 0.0156 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : E80129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท นวัตกรรมแมกซ์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

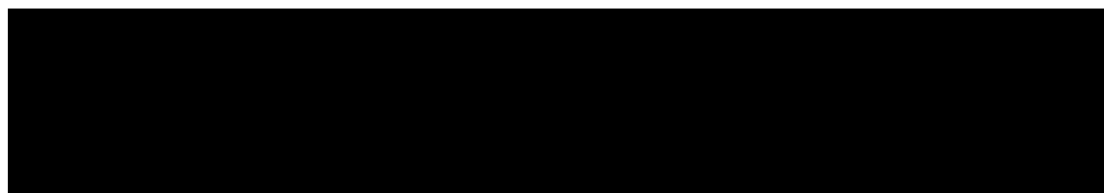
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 11 – 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0245 |
| 10.00 a.m. - 11.00 a.m. | 0.0210 |
| 11.00 a.m. - 12.00 p.m. | 0.0203 |
| 12.00 p.m. - 01.00 p.m. | 0.0236 |
| 01.00 p.m. - 02.00 p.m. | 0.0252 |
| 02.00 p.m. - 03.00 p.m. | 0.0214 |
| 03.00 p.m. - 04.00 p.m. | 0.0236 |
| 04.00 p.m. - 05.00 p.m. | 0.0238 |
| 05.00 p.m. - 06.00 p.m. | 0.0200 |
| 06.00 p.m. - 07.00 p.m. | 0.0214 |
| 07.00 p.m. - 08.00 p.m. | 0.0232 |
| 08.00 p.m. - 09.00 p.m. | 0.0205 |
| 09.00 p.m. - 10.00 p.m. | 0.0186 |
| 10.00 p.m. - 11.00 p.m. | 0.0172 |
| 11.00 p.m. - 00.00 a.m. | 0.0159 |
| 00.00 a.m. - 01.00 a.m. | 0.0184 |
| 01.00 a.m. - 02.00 a.m. | 0.0169 |
| 02.00 a.m. - 03.00 a.m. | 0.0172 |
| 03.00 a.m. - 04.00 a.m. | 0.0192 |
| 04.00 a.m. - 05.00 a.m. | 0.0188 |
| 05.00 a.m. - 06.00 a.m. | 0.0162 |
| 06.00 a.m. - 07.00 a.m. | 0.0175 |
| 07.00 a.m. - 08.00 a.m. | 0.0201 |
| 08.00 a.m. - 09.00 a.m. | 0.0193 |
| 24 Hour Average | 0.0202 |
| 1 Hour Maximum | 0.0252 |
| 1 Hour Minimum | 0.0159 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atrnind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

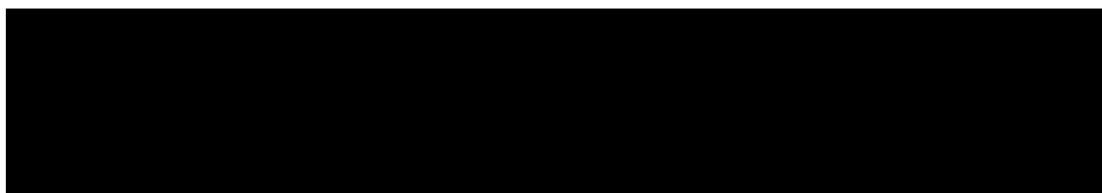
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 12 – 13 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|--------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0205 |
| 10.00 a.m. - 11.00 a.m. | 0.0236 |
| 11.00 a.m. - 12.00 p.m. | 0.0214 |
| 12.00 p.m. - 01.00 p.m. | 0.0206 |
| 01.00 p.m. - 02.00 p.m. | 0.0213 |
| 02.00 p.m. - 03.00 p.m. | 0.0234 |
| 03.00 p.m. - 04.00 p.m. | 0.0205 |
| 04.00 p.m. - 05.00 p.m. | 0.0215 |
| 05.00 p.m. - 06.00 p.m. | 0.0238 |
| 06.00 p.m. - 07.00 p.m. | 0.0217 |
| 07.00 p.m. - 08.00 p.m. | 0.0201 |
| 08.00 p.m. - 09.00 p.m. | 0.0170 |
| 09.00 p.m. - 10.00 p.m. | 0.0172 |
| 10.00 p.m. - 11.00 p.m. | 0.0153 |
| 11.00 p.m. - 00.00 a.m. | 0.0192 |
| 00.00 a.m. - 01.00 a.m. | 0.0185 |
| 01.00 a.m. - 02.00 a.m. | 0.0162 |
| 02.00 a.m. - 03.00 a.m. | 0.0174 |
| 03.00 a.m. - 04.00 a.m. | 0.0152 |
| 04.00 a.m. - 05.00 a.m. | 0.0193 |
| 05.00 a.m. - 06.00 a.m. | 0.0182 |
| 06.00 a.m. - 07.00 a.m. | 0.0156 |
| 07.00 a.m. - 08.00 a.m. | 0.0197 |
| 08.00 a.m. - 09.00 a.m. | 0.0204 |
| 24 Hour Average | 0.0195 |
| 1 Hour Maximum | 0.0238 |
| 1 Hour Minimum | 0.0152 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-70987-367
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

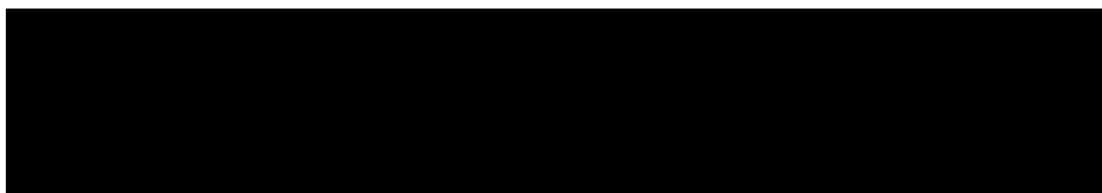
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 10 – 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0156 |
| 10.00 a.m. - 11.00 a.m. | 0.0172 |
| 11.00 a.m. - 12.00 p.m. | 0.0156 |
| 12.00 p.m. - 01.00 p.m. | 0.0142 |
| 01.00 p.m. - 02.00 p.m. | 0.0163 |
| 02.00 p.m. - 03.00 p.m. | 0.0182 |
| 03.00 p.m. - 04.00 p.m. | 0.0163 |
| 04.00 p.m. - 05.00 p.m. | 0.0153 |
| 05.00 p.m. - 06.00 p.m. | 0.0196 |
| 06.00 p.m. - 07.00 p.m. | 0.0145 |
| 07.00 p.m. - 08.00 p.m. | 0.0172 |
| 08.00 p.m. - 09.00 p.m. | 0.0156 |
| 09.00 p.m. - 10.00 p.m. | 0.0152 |
| 10.00 p.m. - 11.00 p.m. | 0.0136 |
| 11.00 p.m. - 00.00 a.m. | 0.0142 |
| 00.00 a.m. - 01.00 a.m. | 0.0136 |
| 01.00 a.m. - 02.00 a.m. | 0.0120 |
| 02.00 a.m. - 03.00 a.m. | 0.0105 |
| 03.00 a.m. - 04.00 a.m. | 0.0123 |
| 04.00 a.m. - 05.00 a.m. | 0.0142 |
| 05.00 a.m. - 06.00 a.m. | 0.0136 |
| 06.00 a.m. - 07.00 a.m. | 0.0152 |
| 07.00 a.m. - 08.00 a.m. | 0.0138 |
| 08.00 a.m. - 09.00 a.m. | 0.0142 |
| 24 Hour Average | 0.0149 |
| 1 Hour Maximum | 0.0196 |
| 1 Hour Minimum | 0.0105 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : E80129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวเสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

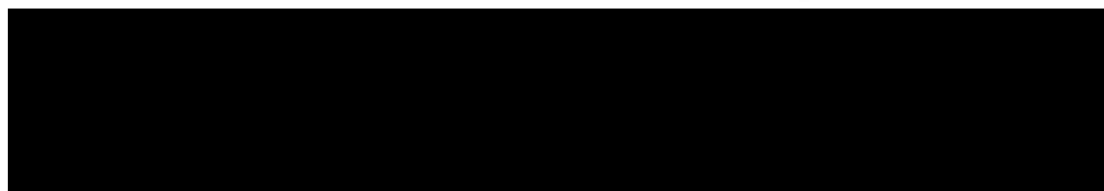
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 11 – 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0145 |
| 10.00 a.m. - 11.00 a.m. | 0.0186 |
| 11.00 a.m. - 12.00 p.m. | 0.0152 |
| 12.00 p.m. - 01.00 p.m. | 0.0173 |
| 01.00 p.m. - 02.00 p.m. | 0.0162 |
| 02.00 p.m. - 03.00 p.m. | 0.0195 |
| 03.00 p.m. - 04.00 p.m. | 0.0185 |
| 04.00 p.m. - 05.00 p.m. | 0.0162 |
| 05.00 p.m. - 06.00 p.m. | 0.0145 |
| 06.00 p.m. - 07.00 p.m. | 0.0172 |
| 07.00 p.m. - 08.00 p.m. | 0.0153 |
| 08.00 p.m. - 09.00 p.m. | 0.0146 |
| 09.00 p.m. - 10.00 p.m. | 0.0102 |
| 10.00 p.m. - 11.00 p.m. | 0.0136 |
| 11.00 p.m. - 00.00 a.m. | 0.0124 |
| 00.00 a.m. - 01.00 a.m. | 0.0136 |
| 01.00 a.m. - 02.00 a.m. | 0.0118 |
| 02.00 a.m. - 03.00 a.m. | 0.0142 |
| 03.00 a.m. - 04.00 a.m. | 0.0150 |
| 04.00 a.m. - 05.00 a.m. | 0.0136 |
| 05.00 a.m. - 06.00 a.m. | 0.0142 |
| 06.00 a.m. - 07.00 a.m. | 0.0162 |
| 07.00 a.m. - 08.00 a.m. | 0.0182 |
| 08.00 a.m. - 09.00 a.m. | 0.0156 |
| 24 Hour Average | 0.0153 |
| 1 Hour Maximum | 0.0195 |
| 1 Hour Minimum | 0.0102 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมแอมายด์ พัทยาใต้ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Measurement by : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Ambient Air
Sampling Date : 12 – 13 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Chemiluminescence

| Interval Time | Result (ppm) |
|---------------------------------|-------------------------------------|
| | Nitrogen Dioxide (NO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0176 |
| 10.00 a.m. - 11.00 a.m. | 0.0156 |
| 11.00 a.m. - 12.00 p.m. | 0.0182 |
| 12.00 p.m. - 01.00 p.m. | 0.0169 |
| 01.00 p.m. - 02.00 p.m. | 0.0174 |
| 02.00 p.m. - 03.00 p.m. | 0.0192 |
| 03.00 p.m. - 04.00 p.m. | 0.0156 |
| 04.00 p.m. - 05.00 p.m. | 0.0184 |
| 05.00 p.m. - 06.00 p.m. | 0.0162 |
| 06.00 p.m. - 07.00 p.m. | 0.0142 |
| 07.00 p.m. - 08.00 p.m. | 0.0148 |
| 08.00 p.m. - 09.00 p.m. | 0.0152 |
| 09.00 p.m. - 10.00 p.m. | 0.0130 |
| 10.00 p.m. - 11.00 p.m. | 0.0106 |
| 11.00 p.m. - 00.00 a.m. | 0.0124 |
| 00.00 a.m. - 01.00 a.m. | 0.0118 |
| 01.00 a.m. - 02.00 a.m. | 0.0163 |
| 02.00 a.m. - 03.00 a.m. | 0.0124 |
| 03.00 a.m. - 04.00 a.m. | 0.0172 |
| 04.00 a.m. - 05.00 a.m. | 0.0153 |
| 05.00 a.m. - 06.00 a.m. | 0.0136 |
| 06.00 a.m. - 07.00 a.m. | 0.0140 |
| 07.00 a.m. - 08.00 a.m. | 0.0152 |
| 08.00 a.m. - 09.00 a.m. | 0.0180 |
| 24 Hour Average | 0.0154 |
| 1 Hour Maximum | 0.0192 |
| 1 Hour Minimum | 0.0106 |
| Standard 1 Hour Averages | 0.17 |

Standard : Notification of the National Environment Committee Issue 33 B.E. 2552 (2009), The Standard Level of Nitrogen dioxide in the generic atmosphere.

Remark : Model and Serial No. : 42C and 42C-56817-311
Calibration Gas Cylinder I.D. : EB0129027
Concentration (ppm) : 55.47
Expire Date : Oct 29, 2027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐดิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

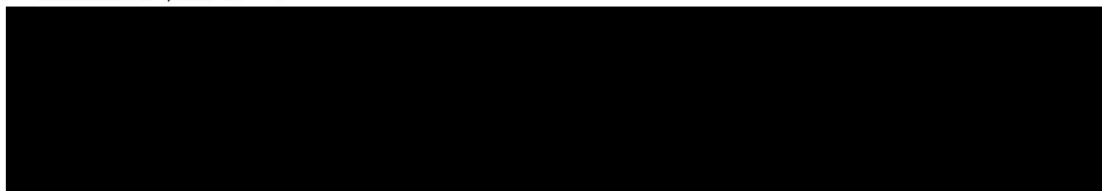
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Ambient Air
Sampling Date : 10 - 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0047 |
| 10.00 a.m. - 11.00 a.m. | 0.0049 |
| 11.00 a.m. - 12.00 p.m. | 0.0050 |
| 12.00 p.m. - 01.00 p.m. | 0.0048 |
| 01.00 p.m. - 02.00 p.m. | 0.0044 |
| 02.00 p.m. - 03.00 p.m. | 0.0045 |
| 03.00 p.m. - 04.00 p.m. | 0.0047 |
| 04.00 p.m. - 05.00 p.m. | 0.0045 |
| 05.00 p.m. - 06.00 p.m. | 0.0042 |
| 06.00 p.m. - 07.00 p.m. | 0.0040 |
| 07.00 p.m. - 08.00 p.m. | 0.0041 |
| 08.00 p.m. - 09.00 p.m. | 0.0041 |
| 09.00 p.m. - 10.00 p.m. | 0.0043 |
| 10.00 p.m. - 11.00 p.m. | 0.0040 |
| 11.00 p.m. - 00.00 a.m. | 0.0039 |
| 00.00 a.m. - 01.00 a.m. | 0.0042 |
| 01.00 a.m. - 02.00 a.m. | 0.0040 |
| 02.00 a.m. - 03.00 a.m. | 0.0043 |
| 03.00 a.m. - 04.00 a.m. | 0.0044 |
| 04.00 a.m. - 05.00 a.m. | 0.0047 |
| 05.00 a.m. - 06.00 a.m. | 0.0048 |
| 06.00 a.m. - 07.00 a.m. | 0.0045 |
| 07.00 a.m. - 08.00 a.m. | 0.0047 |
| 08.00 a.m. - 09.00 a.m. | 0.0049 |
| 24 Hour Average | 0.0044 |
| 1 Hour Maximum | 0.0050 |
| 1 Hour Minimum | 0.0039 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.
: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : EB0129027



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์สิ่งแวดล้อม จำกัด
Project Name : โครงการ โรงแรมแอทธมาด พัทยาใต้
(Atrmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

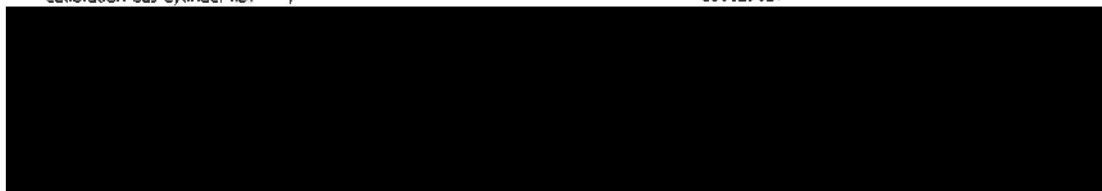
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Ambient Air
Sampling Date : 11 - 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0056 |
| 10.00 a.m. - 11.00 a.m. | 0.0051 |
| 11.00 a.m. - 12.00 p.m. | 0.0052 |
| 12.00 p.m. - 01.00 p.m. | 0.0055 |
| 01.00 p.m. - 02.00 p.m. | 0.0054 |
| 02.00 p.m. - 03.00 p.m. | 0.0051 |
| 03.00 p.m. - 04.00 p.m. | 0.0049 |
| 04.00 p.m. - 05.00 p.m. | 0.0047 |
| 05.00 p.m. - 06.00 p.m. | 0.0048 |
| 06.00 p.m. - 07.00 p.m. | 0.0046 |
| 07.00 p.m. - 08.00 p.m. | 0.0050 |
| 08.00 p.m. - 09.00 p.m. | 0.0047 |
| 09.00 p.m. - 10.00 p.m. | 0.0050 |
| 10.00 p.m. - 11.00 p.m. | 0.0047 |
| 11.00 p.m. - 00.00 a.m. | 0.0048 |
| 00.00 a.m. - 01.00 a.m. | 0.0050 |
| 01.00 a.m. - 02.00 a.m. | 0.0049 |
| 02.00 a.m. - 03.00 a.m. | 0.0049 |
| 03.00 a.m. - 04.00 a.m. | 0.0051 |
| 04.00 a.m. - 05.00 a.m. | 0.0050 |
| 05.00 a.m. - 06.00 a.m. | 0.0054 |
| 06.00 a.m. - 07.00 a.m. | 0.0052 |
| 07.00 a.m. - 08.00 a.m. | 0.0055 |
| 08.00 a.m. - 09.00 a.m. | 0.0054 |
| 24 Hour Average | 0.0051 |
| 1 Hour Maximum | 0.0056 |
| 1 Hour Minimum | 0.0046 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.
: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : E80129027



บริษัท อนุรักษ์ สิ่งแวดล้อม จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐคุณแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atrmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

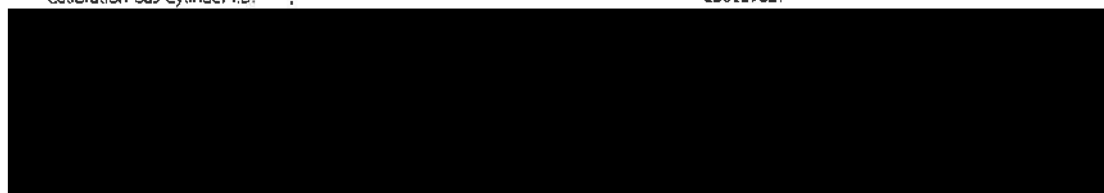
Report No. : S68033
Sample No. : S68033/6
Sample Type : Ambient Air
Sampling Date : 12 - 13 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|------------------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0050 |
| 10.00 a.m. - 11.00 a.m. | 0.0052 |
| 11.00 a.m. - 12.00 p.m. | 0.0054 |
| 12.00 p.m. - 01.00 p.m. | 0.0049 |
| 01.00 p.m. - 02.00 p.m. | 0.0050 |
| 02.00 p.m. - 03.00 p.m. | 0.0052 |
| 03.00 p.m. - 04.00 p.m. | 0.0050 |
| 04.00 p.m. - 05.00 p.m. | 0.0047 |
| 05.00 p.m. - 06.00 p.m. | 0.0045 |
| 06.00 p.m. - 07.00 p.m. | 0.0046 |
| 07.00 p.m. - 08.00 p.m. | 0.0049 |
| 08.00 p.m. - 09.00 p.m. | 0.0043 |
| 09.00 p.m. - 10.00 p.m. | 0.0047 |
| 10.00 p.m. - 11.00 p.m. | 0.0046 |
| 11.00 p.m. - 00.00 a.m. | 0.0046 |
| 00.00 a.m. - 01.00 a.m. | 0.0045 |
| 01.00 a.m. - 02.00 a.m. | 0.0047 |
| 02.00 a.m. - 03.00 a.m. | 0.0048 |
| 03.00 a.m. - 04.00 a.m. | 0.0047 |
| 04.00 a.m. - 05.00 a.m. | 0.0048 |
| 05.00 a.m. - 06.00 a.m. | 0.0051 |
| 06.00 a.m. - 07.00 a.m. | 0.0049 |
| 07.00 a.m. - 08.00 a.m. | 0.0052 |
| 08.00 a.m. - 09.00 a.m. | 0.0050 |
| 24 Hour Average | 0.0048 |
| 1 Hour Maximum | 0.0054 |
| 1 Hour Minimum | 0.0043 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere.

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 43C-0427408948
Calibration Gas Cylinder I.D. : EB0129027



Signature: **TNP ENVIRONMENT CO.,LTD.**
บริษัท ณัฐคุณแมนชั่น จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐคุณแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

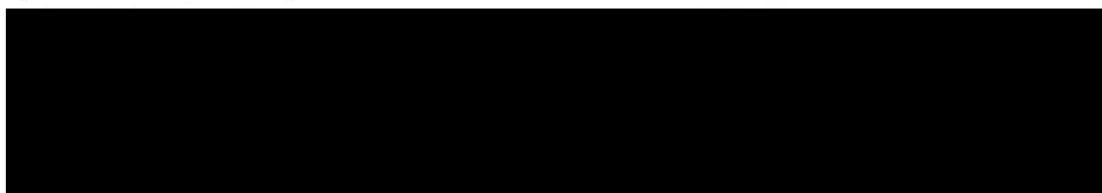
Report No. : S68033
Sample No. : S68033/3
Sample Type : Ambient Air
Sampling Date : 10 – 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0042 |
| 10.00 a.m. - 11.00 a.m. | 0.0045 |
| 11.00 a.m. - 12.00 p.m. | 0.0046 |
| 12.00 p.m. - 01.00 p.m. | 0.0041 |
| 01.00 p.m. - 02.00 p.m. | 0.0045 |
| 02.00 p.m. - 03.00 p.m. | 0.0040 |
| 03.00 p.m. - 04.00 p.m. | 0.0043 |
| 04.00 p.m. - 05.00 p.m. | 0.0039 |
| 05.00 p.m. - 06.00 p.m. | 0.0036 |
| 06.00 p.m. - 07.00 p.m. | 0.0038 |
| 07.00 p.m. - 08.00 p.m. | 0.0040 |
| 08.00 p.m. - 09.00 p.m. | 0.0041 |
| 09.00 p.m. - 10.00 p.m. | 0.0042 |
| 10.00 p.m. - 11.00 p.m. | 0.0041 |
| 11.00 p.m. - 00.00 a.m. | 0.0036 |
| 00.00 a.m. - 01.00 a.m. | 0.0039 |
| 01.00 a.m. - 02.00 a.m. | 0.0038 |
| 02.00 a.m. - 03.00 a.m. | 0.0035 |
| 03.00 a.m. - 04.00 a.m. | 0.0038 |
| 04.00 a.m. - 05.00 a.m. | 0.0040 |
| 05.00 a.m. - 06.00 a.m. | 0.0036 |
| 06.00 a.m. - 07.00 a.m. | 0.0038 |
| 07.00 a.m. - 08.00 a.m. | 0.0039 |
| 08.00 a.m. - 09.00 a.m. | 0.0041 |
| 24 Hour Average | 0.0040 |
| 1 Hour Maximum | 0.0046 |
| 1 Hour Minimum | 0.0035 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere

: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August9, B.E. 2547 (2004), which was published in the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐภูมิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Ambient Air
Sampling Date : 11 – 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : UV Fluorescence

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0043 |
| 10.00 a.m. - 11.00 a.m. | 0.0047 |
| 11.00 a.m. - 12.00 p.m. | 0.0046 |
| 12.00 p.m. - 01.00 p.m. | 0.0045 |
| 01.00 p.m. - 02.00 p.m. | 0.0049 |
| 02.00 p.m. - 03.00 p.m. | 0.0050 |
| 03.00 p.m. - 04.00 p.m. | 0.0046 |
| 04.00 p.m. - 05.00 p.m. | 0.0051 |
| 05.00 p.m. - 06.00 p.m. | 0.0047 |
| 06.00 p.m. - 07.00 p.m. | 0.0045 |
| 07.00 p.m. - 08.00 p.m. | 0.0042 |
| 08.00 p.m. - 09.00 p.m. | 0.0039 |
| 09.00 p.m. - 10.00 p.m. | 0.0040 |
| 10.00 p.m. - 11.00 p.m. | 0.0041 |
| 11.00 p.m. - 00.00 a.m. | 0.0038 |
| 00.00 a.m. - 01.00 a.m. | 0.0043 |
| 01.00 a.m. - 02.00 a.m. | 0.0039 |
| 02.00 a.m. - 03.00 a.m. | 0.0040 |
| 03.00 a.m. - 04.00 a.m. | 0.0042 |
| 04.00 a.m. - 05.00 a.m. | 0.0038 |
| 05.00 a.m. - 06.00 a.m. | 0.0041 |
| 06.00 a.m. - 07.00 a.m. | 0.0044 |
| 07.00 a.m. - 08.00 a.m. | 0.0043 |
| 08.00 a.m. - 09.00 a.m. | 0.0046 |
| 24 Hour Average | 0.0044 |
| 1 Hour Maximum | 0.0051 |
| 1 Hour Minimum | 0.0038 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere
: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in
the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

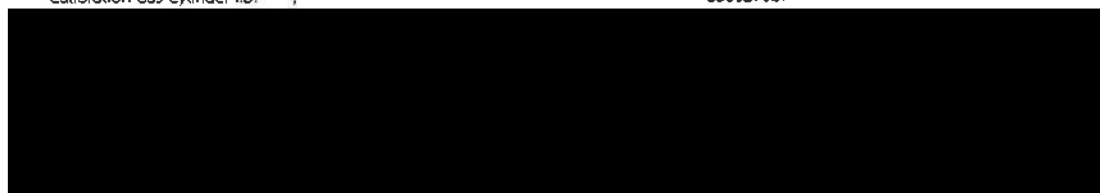
ANALYSIS REPORT

| Data Provided by Customer | | Data Provided by Laboratory | |
|---------------------------|---------------------------------------------------------------------|-----------------------------|---------------------|
| Customer Name | : บริษัท ญัฐวิวัฒน์ จำกัด | Report No. | : S68033 |
| Project Name | : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้ (Atmind Hotel South Pattaya) | Sample No. | : S68033/7 |
| Address Project | : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี | Sample Type | : Ambient Air |
| Sampling Point | : พื้นที่บริษัท ไทโรคมานาคมแห่งชาติ จำกัด (มหาชน) | Sampling Date | : 12 – 13 June 2025 |
| GPS. Coordinate | : 47 P 704331 E 1429409 N | Received Date | : 16 June 2025 |
| Measurement By | : TNP ENVIRONMENT CO.,LTD. | Analytical Date | : 16 – 18 June 2025 |
| | | Report Date | : 19 June 2025 |
| | | Measurement Method | : UV Fluorescence |

| Interval Time | Result (ppm) |
|-----------------------------------------|-----------------------------------|
| | Sulfur Dioxide (SO ₂) |
| 09.00 a.m. - 10.00 a.m. | 0.0040 |
| 10.00 a.m. - 11.00 a.m. | 0.0042 |
| 11.00 a.m. - 12.00 p.m. | 0.0043 |
| 12.00 p.m. - 01.00 p.m. | 0.0040 |
| 01.00 p.m. - 02.00 p.m. | 0.0041 |
| 02.00 p.m. - 03.00 p.m. | 0.0042 |
| 03.00 p.m. - 04.00 p.m. | 0.0040 |
| 04.00 p.m. - 05.00 p.m. | 0.0043 |
| 05.00 p.m. - 06.00 p.m. | 0.0038 |
| 06.00 p.m. - 07.00 p.m. | 0.0039 |
| 07.00 p.m. - 08.00 p.m. | 0.0040 |
| 08.00 p.m. - 09.00 p.m. | 0.0039 |
| 09.00 p.m. - 10.00 p.m. | 0.0035 |
| 10.00 p.m. - 11.00 p.m. | 0.0034 |
| 11.00 p.m. - 00.00 a.m. | 0.0040 |
| 00.00 a.m. - 01.00 a.m. | 0.0032 |
| 01.00 a.m. - 02.00 a.m. | 0.0035 |
| 02.00 a.m. - 03.00 a.m. | 0.0037 |
| 03.00 a.m. - 04.00 a.m. | 0.0035 |
| 04.00 a.m. - 05.00 a.m. | 0.0034 |
| 05.00 a.m. - 06.00 a.m. | 0.0036 |
| 06.00 a.m. - 07.00 a.m. | 0.0038 |
| 07.00 a.m. - 08.00 a.m. | 0.0035 |
| 08.00 a.m. - 09.00 a.m. | 0.0040 |
| 24 Hour Average | 0.0038 |
| 1 Hour Maximum | 0.0043 |
| 1 Hour Minimum | 0.0032 |
| Standard 24 Hour Averages ^{1/} | 0.12 |
| Standard 1 Hour ^{2/} | 0.30 |

Standard : ^{1/} Notification of the National Environment Committee Issue 24 B.E. 2547 (2004), The Standard Level of Air Quality in the generic atmosphere
: ^{2/} Notification of the National Environment Board, No.24, B.E. 2547 (2004), dated August 9, B.E. 2547 (2004), which was published in
the Royal Government Gazette Vol.121 Part 104D dated September 22, B.E. 2547 (2004).

Remark : Model and Serial No. : 43C and 0433609337
Calibration Gas Cylinder I.D. : EB0129027



Signature: บริษัท พริ้นท์ เอ็นไวรอนเม้นท์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704331 E 1429384 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 10 – 12 June 2025
Sampling Time : 10:00 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 26 June 2025
Report Date : 27 June 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/2 | 10/06/2025 | 0.766 | 1.134 | 1.900 |
| S68033/4 | 11/06/2025 | 0.801 | 1.187 | 1.988 |
| S68033/6 | 12/06/2025 | 0.798 | 1.184 | 1.982 |

Remark : Model and Serial No. : APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. : 4860
Concentration (ppm) : 183.0
Expire Date : Dec 06, 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560088957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรูฒิแอนด์ซัน จำกัด
Project Name : โครงการ โรงแรมแอทธมารด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704331 E 1429409 N
Sampling By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Ambient Air
Sampling Date : 10 – 12 June 2025
Sampling Time : 09.30 a.m.
Received Date : 18 June 2025
Analytical Date : 18 – 26 June 2025
Report Date : 27 June 2025
Sampling Method : Flame Ionization Detection

| Sampling No. | Date | Result (ppm) | | |
|--------------|------------|--------------|-------------|-------------------|
| | | Methane | Non-Methane | Total Hydrocarbon |
| S68033/3 | 10/06/2025 | 0.779 | 1.147 | 1.926 |
| S68033/5 | 11/06/2025 | 0.812 | 1.198 | 2.010 |
| S68033/7 | 12/06/2025 | 0.823 | 1.209 | 2.032 |

Remark : Model and Serial No. ; APHA-360CE and 423740300209
Calibration Gas Cylinder I.D. ; 4860
Concentration (ppm) ; 183.0
Expire Date ; Dec 06, 2025

ภาคผนวก ง2

ระดับเสียงโดยทั่วไป





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิมิตชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704255 E 1429258 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

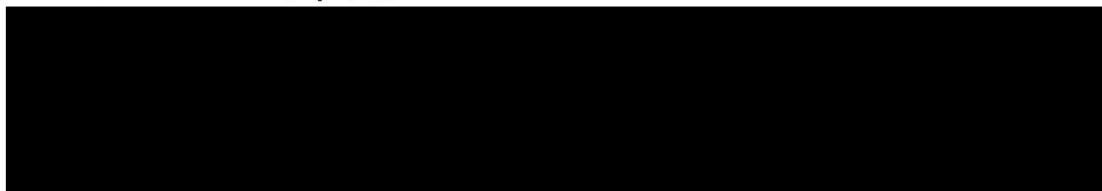
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Sound Level
Sampling Date : 14 - 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 02.00 p.m. - 03.00 p.m. | 67.6 | 94.1 | 69.7 | 65.5 |
| 03.00 p.m. - 04.00 p.m. | 69.2 | 93.8 | 71.4 | 67.4 |
| 04.00 p.m. - 05.00 p.m. | 66.2 | 82.4 | 68.1 | 64.8 |
| 05.00 p.m. - 06.00 p.m. | 62.8 | 96.3 | 64.5 | 60.4 |
| 06.00 p.m. - 07.00 p.m. | 54.5 | 69.7 | 56.1 | 52.1 |
| 07.00 p.m. - 08.00 p.m. | 54.7 | 69.1 | 56.4 | 52.6 |
| 08.00 p.m. - 09.00 p.m. | 54.7 | 71.6 | 56.2 | 52.7 |
| 09.00 p.m. - 10.00 p.m. | 53.6 | 72.1 | 55.0 | 51.5 |
| 10.00 p.m. - 11.00 p.m. | 54.0 | 73.2 | 55.3 | 51.4 |
| 11.00 p.m. - 00.00 a.m. | 53.3 | 72.2 | 54.4 | 50.9 |
| 00.00 a.m. - 01.00 a.m. | 52.8 | 72.0 | 54.2 | 49.9 |
| 01.00 a.m. - 02.00 a.m. | 53.6 | 74.3 | 55.1 | 51.2 |
| 02.00 a.m. - 03.00 a.m. | 54.5 | 78.8 | 56.2 | 51.8 |
| 03.00 a.m. - 04.00 a.m. | 54.2 | 76.9 | 55.5 | 51.4 |
| 04.00 a.m. - 05.00 a.m. | 53.2 | 73.5 | 54.5 | 51.6 |
| 05.00 a.m. - 06.00 a.m. | 56.8 | 76.5 | 58.5 | 54.4 |
| 06.00 a.m. - 07.00 a.m. | 57.9 | 76.8 | 59.6 | 56.0 |
| 07.00 a.m. - 08.00 a.m. | 68.0 | 84.0 | 70.4 | 65.6 |
| 08.00 a.m. - 09.00 a.m. | 69.3 | 97.1 | 71.3 | 67.5 |
| 09.00 a.m. - 10.00 a.m. | 69.0 | 92.2 | 71.1 | 66.8 |
| 10.00 a.m. - 11.00 a.m. | 68.9 | 92.8 | 70.6 | 66.4 |
| 11.00 a.m. - 12.00 p.m. | 67.5 | 87.7 | 69.8 | 65.7 |
| 12.00 p.m. - 01.00 p.m. | 62.5 | 90.7 | 64.7 | 60.2 |
| 01.00 p.m. - 02.00 p.m. | 65.1 | 87.4 | 67.2 | 63.5 |
| 24 Hours Average | 64.3 | - | 71.0 | 51.3 |
| Lmax | - | 97.1 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 65.7 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



บริษัท อนุรักษ์นิมิตชั้น จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์คั พทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพญาไท ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704255 E 1429258 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Sound Level
Sampling Date : 15 - 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 02.00 p.m. - 03.00 p.m. | 68.8 | 94.1 | 70.4 | 66.6 |
| 03.00 p.m. - 04.00 p.m. | 69.4 | 78.1 | 71.3 | 67.1 |
| 04.00 p.m. - 05.00 p.m. | 68.0 | 84.9 | 70.4 | 65.5 |
| 05.00 p.m. - 06.00 p.m. | 68.5 | 82.0 | 70.7 | 66.1 |
| 06.00 p.m. - 07.00 p.m. | 63.7 | 75.2 | 65.4 | 61.3 |
| 07.00 p.m. - 08.00 p.m. | 60.8 | 71.3 | 62.4 | 58.7 |
| 08.00 p.m. - 09.00 p.m. | 54.8 | 72.1 | 56.7 | 52.6 |
| 09.00 p.m. - 10.00 p.m. | 54.2 | 69.2 | 56.0 | 52.3 |
| 10.00 p.m. - 11.00 p.m. | 54.8 | 74.3 | 56.4 | 52.4 |
| 11.00 p.m. - 00.00 a.m. | 53.4 | 70.1 | 55.0 | 51.6 |
| 00.00 a.m. - 01.00 a.m. | 53.8 | 72.7 | 55.3 | 51.4 |
| 01.00 a.m. - 02.00 a.m. | 54.5 | 75.0 | 56.0 | 52.3 |
| 02.00 a.m. - 03.00 a.m. | 53.6 | 71.1 | 55.4 | 51.4 |
| 03.00 a.m. - 04.00 a.m. | 54.7 | 80.1 | 56.2 | 52.7 |
| 04.00 a.m. - 05.00 a.m. | 54.4 | 73.0 | 56.1 | 51.9 |
| 05.00 a.m. - 06.00 a.m. | 62.2 | 86.3 | 64.2 | 60.1 |
| 06.00 a.m. - 07.00 a.m. | 68.3 | 93.8 | 70.3 | 66.5 |
| 07.00 a.m. - 08.00 a.m. | 68.7 | 94.1 | 70.4 | 66.6 |
| 08.00 a.m. - 09.00 a.m. | 68.4 | 94.6 | 70.6 | 66.1 |
| 09.00 a.m. - 10.00 a.m. | 68.0 | 93.7 | 70.5 | 65.7 |
| 10.00 a.m. - 11.00 a.m. | 65.3 | 93.3 | 67.8 | 62.8 |
| 11.00 a.m. - 12.00 p.m. | 64.5 | 77.9 | 66.9 | 62.1 |
| 12.00 p.m. - 01.00 p.m. | 63.3 | 92.6 | 65.8 | 61.0 |
| 01.00 p.m. - 02.00 p.m. | 65.3 | 82.0 | 68.0 | 63.3 |
| 24 Hours Average | 65.0 | - | 70.6 | 51.7 |
| Lmax | - | 94.6 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 68.5 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025

Reviewed Signatory

Signature

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704255 E 1429258 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Sound Level
Sampling Date : 16 – 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 02.00 p.m. - 03.00 p.m. | 72.8 | 93.1 | 75.4 | 71.2 |
| 03.00 p.m. - 04.00 p.m. | 70.3 | 93.6 | 73.0 | 68.5 |
| 04.00 p.m. - 05.00 p.m. | 71.3 | 92.2 | 73.5 | 69.4 |
| 05.00 p.m. - 06.00 p.m. | 65.4 | 93.7 | 68.0 | 62.9 |
| 06.00 p.m. - 07.00 p.m. | 60.3 | 77.9 | 62.6 | 58.0 |
| 07.00 p.m. - 08.00 p.m. | 58.0 | 78.2 | 60.1 | 55.8 |
| 08.00 p.m. - 09.00 p.m. | 55.2 | 81.2 | 57.7 | 52.6 |
| 09.00 p.m. - 10.00 p.m. | 55.7 | 75.8 | 57.8 | 52.8 |
| 10.00 p.m. - 11.00 p.m. | 55.8 | 76.2 | 57.7 | 53.4 |
| 11.00 p.m. - 00.00 a.m. | 54.6 | 72.3 | 56.3 | 53.0 |
| 00.00 a.m. - 01.00 a.m. | 53.2 | 70.8 | 55.4 | 51.3 |
| 01.00 a.m. - 02.00 a.m. | 56.0 | 81.9 | 57.5 | 53.9 |
| 02.00 a.m. - 03.00 a.m. | 54.1 | 74.1 | 56.4 | 52.1 |
| 03.00 a.m. - 04.00 a.m. | 55.8 | 76.9 | 57.6 | 53.4 |
| 04.00 a.m. - 05.00 a.m. | 55.2 | 78.3 | 58.1 | 52.9 |
| 05.00 a.m. - 06.00 a.m. | 57.9 | 85.5 | 60.5 | 55.7 |
| 06.00 a.m. - 07.00 a.m. | 57.7 | 81.9 | 59.2 | 55.5 |
| 07.00 a.m. - 08.00 a.m. | 72.7 | 98.3 | 75.2 | 70.4 |
| 08.00 a.m. - 09.00 a.m. | 70.1 | 95.2 | 72.6 | 68.4 |
| 09.00 a.m. - 10.00 a.m. | 71.1 | 98.6 | 73.3 | 68.9 |
| 10.00 a.m. - 11.00 a.m. | 70.2 | 94.6 | 72.7 | 68.3 |
| 11.00 a.m. - 12.00 p.m. | 67.9 | 90.0 | 70.5 | 65.6 |
| 12.00 p.m. - 01.00 p.m. | 64.7 | 80.8 | 66.6 | 63.1 |
| 01.00 p.m. - 02.00 p.m. | 72.4 | 97.6 | 74.6 | 70.1 |
| 24 Hours Average | 67.4 | - | 74.3 | 52.7 |
| Lmax | - | 98.6 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 68.3 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025

Reviewed Signatory

TNP ENVIRONMENT CO.,LTD.
บริษัท อนุรักษ์นิเวศน์ จำกัด

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรมนาคมนแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704350 E 1429405 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

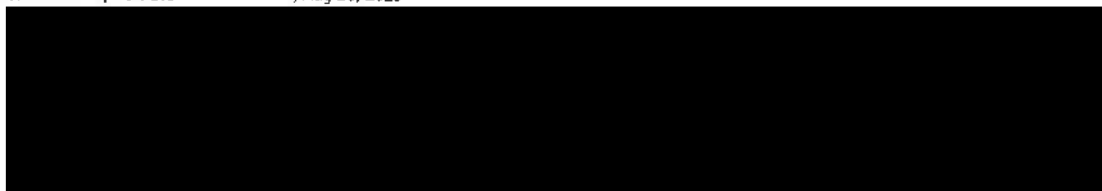
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Sound Level
Sampling Date : 14 - 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 02.00 p.m. - 03.00 p.m. | 62.3 | 84.9 | 64.3 | 59.9 |
| 03.00 p.m. - 04.00 p.m. | 60.8 | 82.2 | 62.4 | 58.7 |
| 04.00 p.m. - 05.00 p.m. | 63.4 | 86.4 | 65.7 | 61.1 |
| 05.00 p.m. - 06.00 p.m. | 61.3 | 80.9 | 63.5 | 59.4 |
| 06.00 p.m. - 07.00 p.m. | 62.1 | 81.7 | 63.8 | 60.0 |
| 07.00 p.m. - 08.00 p.m. | 61.1 | 80.2 | 63.2 | 58.7 |
| 08.00 p.m. - 09.00 p.m. | 58.8 | 72.4 | 61.4 | 56.5 |
| 09.00 p.m. - 10.00 p.m. | 61.7 | 81.2 | 63.5 | 58.9 |
| 10.00 p.m. - 11.00 p.m. | 58.3 | 83.5 | 60.8 | 55.5 |
| 11.00 p.m. - 00.00 a.m. | 57.8 | 79.3 | 59.9 | 55.1 |
| 00.00 a.m. - 01.00 a.m. | 57.7 | 83.2 | 60.2 | 55.2 |
| 01.00 a.m. - 02.00 a.m. | 59.8 | 81.1 | 61.5 | 57.2 |
| 02.00 a.m. - 03.00 a.m. | 60.9 | 82.0 | 62.4 | 59.0 |
| 03.00 a.m. - 04.00 a.m. | 59.8 | 88.1 | 62.0 | 57.3 |
| 04.00 a.m. - 05.00 a.m. | 60.7 | 87.8 | 63.0 | 58.2 |
| 05.00 a.m. - 06.00 a.m. | 60.2 | 81.3 | 61.8 | 58.3 |
| 06.00 a.m. - 07.00 a.m. | 61.6 | 83.7 | 63.5 | 59.4 |
| 07.00 a.m. - 08.00 a.m. | 60.5 | 80.0 | 62.6 | 58.8 |
| 08.00 a.m. - 09.00 a.m. | 61.2 | 80.9 | 63.4 | 59.0 |
| 09.00 a.m. - 10.00 a.m. | 64.8 | 86.4 | 66.9 | 62.3 |
| 10.00 a.m. - 11.00 a.m. | 62.0 | 84.6 | 64.3 | 59.7 |
| 11.00 a.m. - 12.00 p.m. | 61.6 | 81.9 | 64.2 | 59.8 |
| 12.00 p.m. - 01.00 p.m. | 60.4 | 78.8 | 62.4 | 58.2 |
| 01.00 p.m. - 02.00 p.m. | 60.8 | 79.8 | 63.1 | 58.1 |
| 24 Hours Average | 61.1 | - | 64.3 | 55.8 |
| Lmax | - | 88.1 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 66.6 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



TNP ENVIRONMENT CO.,LTD.
บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิเมเนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704350 E 1429405 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

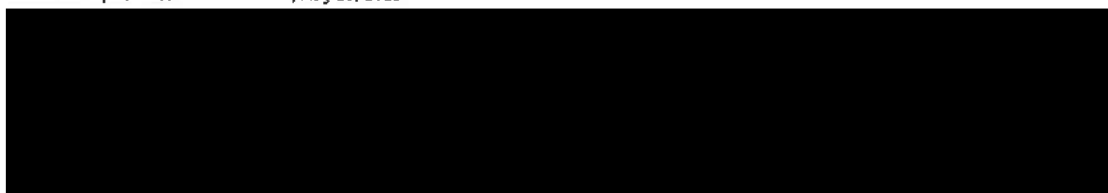
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Sound Level
Sampling Date : 15 - 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 02.00 p.m. - 03.00 p.m. | 61.8 | 81.8 | 63.5 | 59.4 |
| 03.00 p.m. - 04.00 p.m. | 60.8 | 80.8 | 62.8 | 59.2 |
| 04.00 p.m. - 05.00 p.m. | 63.0 | 75.2 | 65.3 | 61.3 |
| 05.00 p.m. - 06.00 p.m. | 61.9 | 79.4 | 64.3 | 60.0 |
| 06.00 p.m. - 07.00 p.m. | 61.2 | 80.8 | 63.0 | 58.6 |
| 07.00 p.m. - 08.00 p.m. | 60.5 | 79.2 | 62.9 | 58.3 |
| 08.00 p.m. - 09.00 p.m. | 60.2 | 77.3 | 62.3 | 58.6 |
| 09.00 p.m. - 10.00 p.m. | 59.9 | 77.6 | 62.1 | 57.4 |
| 10.00 p.m. - 11.00 p.m. | 62.6 | 84.6 | 65.2 | 60.5 |
| 11.00 p.m. - 00.00 a.m. | 61.3 | 80.4 | 62.8 | 59.6 |
| 00.00 a.m. - 01.00 a.m. | 59.3 | 82.9 | 61.7 | 57.5 |
| 01.00 a.m. - 02.00 a.m. | 61.1 | 81.3 | 62.4 | 58.4 |
| 02.00 a.m. - 03.00 a.m. | 59.1 | 77.9 | 61.5 | 56.4 |
| 03.00 a.m. - 04.00 a.m. | 62.9 | 83.1 | 65.8 | 60.8 |
| 04.00 a.m. - 05.00 a.m. | 61.4 | 82.1 | 63.0 | 59.0 |
| 05.00 a.m. - 06.00 a.m. | 62.9 | 86.2 | 64.3 | 60.9 |
| 06.00 a.m. - 07.00 a.m. | 60.9 | 85.2 | 62.3 | 59.3 |
| 07.00 a.m. - 08.00 a.m. | 62.1 | 82.0 | 63.7 | 59.3 |
| 08.00 a.m. - 09.00 a.m. | 60.2 | 79.4 | 62.1 | 58.6 |
| 09.00 a.m. - 10.00 a.m. | 61.9 | 86.6 | 63.5 | 59.5 |
| 10.00 a.m. - 11.00 a.m. | 59.8 | 78.3 | 62.2 | 57.2 |
| 11.00 a.m. - 12.00 p.m. | 60.5 | 74.6 | 62.4 | 58.3 |
| 12.00 p.m. - 01.00 p.m. | 59.7 | 71.9 | 62.0 | 57.6 |
| 01.00 p.m. - 02.00 p.m. | 60.4 | 76.4 | 62.2 | 58.3 |
| 24 Hours Average | 61.2 | - | 64.9 | 57.4 |
| Lmax | - | 86.6 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 67.8 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. ; ST-25D and 10340943
Calibrator Model and Serial No. ; KSM-42C and S/N 160100568
Calibrator Expire Date ; Aug 26, 2025



TNP ENVIRONMENT CO.,LTD.
บริษัท ณัฐวุฒิ เมเนชั่น จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวดีแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมมูนิตี้แห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704350 E 1429405 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Sound Level
Sampling Date : 16 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 02.00 p.m. - 03.00 p.m. | 60.5 | 79.0 | 62.8 | 58.0 |
| 03.00 p.m. - 04.00 p.m. | 60.2 | 80.0 | 62.2 | 57.8 |
| 04.00 p.m. - 05.00 p.m. | 60.7 | 82.5 | 62.3 | 58.2 |
| 05.00 p.m. - 06.00 p.m. | 59.5 | 75.6 | 61.7 | 57.5 |
| 06.00 p.m. - 07.00 p.m. | 61.4 | 83.4 | 63.1 | 58.6 |
| 07.00 p.m. - 08.00 p.m. | 61.8 | 88.8 | 63.2 | 58.9 |
| 08.00 p.m. - 09.00 p.m. | 61.4 | 80.1 | 63.3 | 59.4 |
| 09.00 p.m. - 10.00 p.m. | 63.2 | 89.8 | 65.2 | 61.0 |
| 10.00 p.m. - 11.00 p.m. | 63.3 | 85.0 | 65.7 | 61.4 |
| 11.00 p.m. - 00.00 a.m. | 61.4 | 83.4 | 63.3 | 59.7 |
| 00.00 a.m. - 01.00 a.m. | 60.5 | 81.3 | 61.7 | 58.7 |
| 01.00 a.m. - 02.00 a.m. | 63.8 | 90.6 | 65.4 | 61.7 |
| 02.00 a.m. - 03.00 a.m. | 62.5 | 87.2 | 64.7 | 59.8 |
| 03.00 a.m. - 04.00 a.m. | 64.2 | 88.2 | 66.1 | 62.3 |
| 04.00 a.m. - 05.00 a.m. | 63.5 | 89.4 | 65.7 | 61.8 |
| 05.00 a.m. - 06.00 a.m. | 61.7 | 85.7 | 64.0 | 59.3 |
| 06.00 a.m. - 07.00 a.m. | 62.2 | 86.6 | 63.5 | 60.5 |
| 07.00 a.m. - 08.00 a.m. | 61.1 | 81.9 | 63.4 | 58.9 |
| 08.00 a.m. - 09.00 a.m. | 61.2 | 85.6 | 63.4 | 59.1 |
| 09.00 a.m. - 10.00 a.m. | 63.0 | 83.4 | 64.5 | 60.8 |
| 10.00 a.m. - 11.00 a.m. | 59.3 | 80.4 | 61.4 | 56.2 |
| 11.00 a.m. - 12.00 p.m. | 59.9 | 88.4 | 61.3 | 57.5 |
| 12.00 p.m. - 01.00 p.m. | 58.9 | 78.9 | 61.1 | 56.7 |
| 01.00 p.m. - 02.00 p.m. | 60.5 | 83.1 | 62.8 | 58.8 |
| 24 Hours Average | 61.7 | - | 65.6 | 57.5 |
| Lmax | - | 90.6 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 68.9 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025

Reviewed Signatory

TNP ENVIRONMENT CO.,LTD.
บริษัท ญัฐวดี แมนชั่น จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704255 E 1429258 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 14 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|-----------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/2 | 14 - 15/01/2025 | 69.3 ^{1/} | 61.7 ^{2/} | 60.2 ^{2/} | 8.3 | 10.0 |
| S68033/4 | 15 - 16/01/2025 | 69.4 ^{3/} | 63.7 ^{4/} | 61.0 ^{4/} | 7.0 | 10.0 |
| S68033/6 | 16 - 17/01/2025 | 72.8 ^{5/} | 64.0 ^{6/} | 62.8 ^{6/} | 9.4 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 08.00 a.m. - 09.00 a.m., 15 January 2025

^{3/} Measurement on 03.00 p.m. - 04.00 p.m., 15 January 2025

^{5/} Measurement on 02.00 p.m. - 03.00 p.m., 16 January 2025

; Residual Noise Level

^{2/} Measurement on 12.10 p.m. - 12.15 p.m., 15 January 2025

^{4/} Measurement on 12.55 p.m. - 01.00 p.m., 16 January 2025

^{6/} Measurement on 12.30 p.m. - 12.35 p.m., 17 January 2025

TNP ENVIRONMENT CO.,LTD.
บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐคุณแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคอมมูนิตี้มอลล์ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704350 E 1429405 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 14 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|-----------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/3 | 14 - 15/01/2025 | 64.8 ^{1/} | 60.4 ^{2/} | 58.3 ^{2/} | 4.5 | 10.0 |
| S68033/5 | 15 - 16/01/2025 | 63.0 ^{3/} | 59.3 ^{4/} | 57.4 ^{4/} | 3.2 | 10.0 |
| S68033/7 | 16 - 17/01/2025 | 63.0 ^{5/} | 58.6 ^{6/} | 56.3 ^{6/} | 4.7 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 09.00 a.m. - 10.00 a.m., 15 January 2025

^{3/} Measurement on 04.00 p.m. - 05.00 p.m., 15 January 2025

^{5/} Measurement on 09.00 a.m. - 10.00 a.m., 17 January 2025

; Residual Noise Level

^{2/} Measurement on 12.40 p.m. - 12.45 p.m., 15 January 2025

^{4/} Measurement on 12.15 p.m. - 12.20 p.m., 16 January 2025

^{6/} Measurement on 12.50 p.m. - 12.55 p.m., 17 January 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704304 E 1429339 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

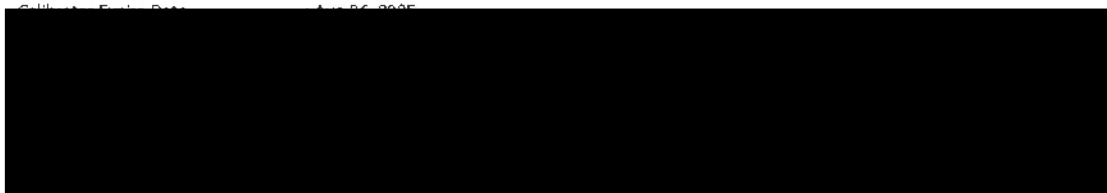
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Sound Level
Sampling Date : 01 – 02 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 12.00 p.m. - 01.00 p.m. | 65.2 | 83.5 | 67.7 | 62.6 |
| 01.00 p.m. - 02.00 p.m. | 66.7 | 85.6 | 69.5 | 64.4 |
| 02.00 p.m. - 03.00 p.m. | 67.5 | 84.1 | 70.4 | 64.7 |
| 03.00 p.m. - 04.00 p.m. | 67.1 | 83.4 | 69.3 | 64.8 |
| 04.00 p.m. - 05.00 p.m. | 66.5 | 83.4 | 69.3 | 64.2 |
| 05.00 p.m. - 06.00 p.m. | 61.4 | 82.3 | 63.7 | 59.3 |
| 06.00 p.m. - 07.00 p.m. | 64.2 | 82.7 | 66.5 | 61.4 |
| 07.00 p.m. - 08.00 p.m. | 63.1 | 83.9 | 65.1 | 60.4 |
| 08.00 p.m. - 09.00 p.m. | 62.3 | 81.7 | 65.4 | 59.4 |
| 09.00 p.m. - 10.00 p.m. | 61.0 | 80.2 | 63.2 | 58.7 |
| 10.00 p.m. - 11.00 p.m. | 60.5 | 80.7 | 62.5 | 57.8 |
| 11.00 p.m. - 00.00 a.m. | 59.7 | 76.4 | 62.4 | 57.4 |
| 00.00 a.m. - 01.00 a.m. | 58.6 | 72.5 | 60.7 | 56.1 |
| 01.00 a.m. - 02.00 a.m. | 57.6 | 75.7 | 60.4 | 55.2 |
| 02.00 a.m. - 03.00 a.m. | 58.4 | 75.6 | 61.1 | 55.8 |
| 03.00 a.m. - 04.00 a.m. | 57.9 | 73.4 | 60.7 | 55.6 |
| 04.00 a.m. - 05.00 a.m. | 58.8 | 75.1 | 61.6 | 56.3 |
| 05.00 a.m. - 06.00 a.m. | 59.9 | 79.1 | 62.3 | 57.2 |
| 06.00 a.m. - 07.00 a.m. | 62.1 | 83.6 | 64.2 | 59.2 |
| 07.00 a.m. - 08.00 a.m. | 64.7 | 82.4 | 67.3 | 62.3 |
| 08.00 a.m. - 09.00 a.m. | 65.9 | 84.1 | 67.8 | 63.1 |
| 09.00 a.m. - 10.00 a.m. | 66.8 | 86.4 | 69.4 | 64.2 |
| 10.00 a.m. - 11.00 a.m. | 68.2 | 89.1 | 70.1 | 65.3 |
| 11.00 a.m. - 12.00 p.m. | 66.5 | 83.4 | 68.3 | 64.6 |
| 24 Hours Average | 64.2 | - | 69.5 | 55.9 |
| Lmax | - | 89.1 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 67.5 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 270 dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568



Reviewed Signatory Approved Signatory

บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704304 E 1429339 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Sound Level
Sampling Date : 02 - 03 February 2025
Received Date : 10 February 2025
Analytical Date : 10 - 12 February 2025
Report Date : 13 February 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|----------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 12.00 p.m. - 01.00 p.m. | 65.3 | 91.5 | 67.1 | 63.2 |
| 01.00 p.m. - 02.00 p.m. | 66.4 | 79.6 | 68.5 | 64.1 |
| 02.00 p.m. - 03.00 p.m. | 68.8 | 89.8 | 70.5 | 66.3 |
| 03.00 p.m. - 04.00 p.m. | 69.4 | 77.4 | 72.0 | 66.9 |
| 04.00 p.m. - 05.00 p.m. | 68.0 | 82.3 | 70.1 | 65.4 |
| 05.00 p.m. - 06.00 p.m. | 65.2 | 80.5 | 68.1 | 63.1 |
| 06.00 p.m. - 07.00 p.m. | 66.8 | 70.6 | 69.2 | 64.3 |
| 07.00 p.m. - 08.00 p.m. | 60.2 | 73.8 | 62.3 | 58.2 |
| 08.00 p.m. - 09.00 p.m. | 57.8 | 79.6 | 59.2 | 55.6 |
| 09.00 p.m. - 10.00 p.m. | 55.5 | 74.6 | 57.5 | 53.2 |
| 10.00 p.m. - 11.00 p.m. | 55.0 | 74.3 | 57.4 | 51.9 |
| 11.00 p.m. - 00.00 a.m. | 57.9 | 79.3 | 59.3 | 55.6 |
| 00.00 a.m. - 01.00 a.m. | 54.6 | 74.7 | 56.2 | 52.6 |
| 01.00 a.m. - 02.00 a.m. | 54.3 | 75.9 | 56.0 | 52.2 |
| 02.00 a.m. - 03.00 a.m. | 56.7 | 83.7 | 58.1 | 55.3 |
| 03.00 a.m. - 04.00 a.m. | 57.2 | 84.6 | 59.0 | 55.6 |
| 04.00 a.m. - 05.00 a.m. | 54.8 | 73.7 | 56.8 | 52.6 |
| 05.00 a.m. - 06.00 a.m. | 53.2 | 72.4 | 55.7 | 51.4 |
| 06.00 a.m. - 07.00 a.m. | 55.4 | 78.6 | 57.3 | 53.2 |
| 07.00 a.m. - 08.00 a.m. | 67.7 | 82.7 | 69.2 | 66.0 |
| 08.00 a.m. - 09.00 a.m. | 68.5 | 104.4 | 70.3 | 66.3 |
| 09.00 a.m. - 10.00 a.m. | 69.8 | 106.8 | 71.4 | 67.8 |
| 10.00 a.m. - 11.00 a.m. | 65.2 | 104.9 | 67.3 | 62.4 |
| 11.00 a.m. - 12.00 p.m. | 68.9 | 98.6 | 72.1 | 67.1 |
| 24 Hours Average | 65.1 | - | 71.1 | 52.3 |
| Lmax | - | 106.8 | - | - |
| Standard | <70 | <115 | - | - |
| Ldn | 66.5 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expiry Date : Aug 26, 2025

Reviewed Signatory

TNP ENVIRONMENT CO.,LTD.
บริษัท ทีเอ็นพี เอ็นvironment จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704304 E 1429339 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Sound Level
Sampling Date : 03 - 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 - 12 February 2025
Report Date : 13 February 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|--------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 12.00 p.m. - 01.00 p.m. | 69.3 | 89.9 | 71.4 | 67.2 |
| 01.00 p.m. - 02.00 p.m. | 68.9 | 99.4 | 70.3 | 66.1 |
| 02.00 p.m. - 03.00 p.m. | 69.7 | 96.1 | 71.2 | 67.7 |
| 03.00 p.m. - 04.00 p.m. | 68.1 | 92.0 | 70.6 | 66.2 |
| 04.00 p.m. - 05.00 p.m. | 65.5 | 96.6 | 67.8 | 63.9 |
| 05.00 p.m. - 06.00 p.m. | 63.4 | 101.2 | 65.5 | 61.4 |
| 06.00 p.m. - 07.00 p.m. | 65.5 | 84.6 | 67.4 | 63.2 |
| 07.00 p.m. - 08.00 p.m. | 54.3 | 76.4 | 56.3 | 52.3 |
| 08.00 p.m. - 09.00 p.m. | 54.8 | 76.8 | 57.2 | 52.2 |
| 09.00 p.m. - 10.00 p.m. | 55.1 | 75.9 | 56.8 | 52.7 |
| 10.00 p.m. - 11.00 p.m. | 55.9 | 77.6 | 57.3 | 53.5 |
| 11.00 p.m. - 00.00 a.m. | 56.0 | 77.3 | 58.3 | 54.2 |
| 00.00 a.m. - 01.00 a.m. | 54.4 | 74.6 | 56.4 | 51.9 |
| 01.00 a.m. - 02.00 a.m. | 56.4 | 83.4 | 58.2 | 53.8 |
| 02.00 a.m. - 03.00 a.m. | 54.7 | 74.4 | 56.3 | 52.7 |
| 03.00 a.m. - 04.00 a.m. | 54.8 | 74.6 | 56.8 | 52.3 |
| 04.00 a.m. - 05.00 a.m. | 54.8 | 77.1 | 56.2 | 52.6 |
| 05.00 a.m. - 06.00 a.m. | 55.1 | 74.2 | 57.2 | 52.9 |
| 06.00 a.m. - 07.00 a.m. | 56.4 | 76.0 | 59.3 | 55.0 |
| 07.00 a.m. - 08.00 a.m. | 67.0 | 83.1 | 69.2 | 64.8 |
| 08.00 a.m. - 09.00 a.m. | 68.3 | 94.1 | 70.1 | 64.6 |
| 09.00 a.m. - 10.00 a.m. | 69.2 | 87.0 | 71.3 | 67.1 |
| 10.00 a.m. - 11.00 a.m. | 66.9 | 93.5 | 68.7 | 64.5 |
| 11.00 a.m. - 12.00 p.m. | 67.8 | 89.8 | 70.5 | 65.5 |
| 24 Hours Average | 65.0 | - | 71.0 | 52.3 |
| Lmax | - | 101.2 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 66.4 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025

Reviewed Signatory **TNP ENVIRONMENT CO.,LTD.** Approved Signatory
บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429408 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

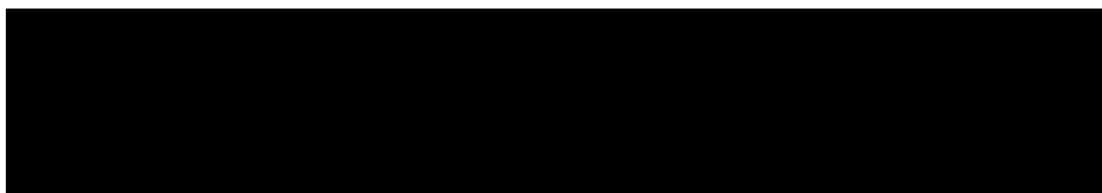
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Sound Level
Sampling Date : 01 – 02 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 11.00 a.m. - 12.00 p.m. | 63.0 | 82.4 | 65.2 | 61.5 |
| 12.00 p.m. - 01.00 p.m. | 62.9 | 72.9 | 65.7 | 60.7 |
| 01.00 p.m. - 02.00 p.m. | 64.2 | 73.3 | 66.1 | 62.7 |
| 02.00 p.m. - 03.00 p.m. | 63.5 | 75.8 | 65.4 | 61.1 |
| 03.00 p.m. - 04.00 p.m. | 65.0 | 75.2 | 66.2 | 62.5 |
| 04.00 p.m. - 05.00 p.m. | 62.4 | 72.9 | 64.3 | 60.3 |
| 05.00 p.m. - 06.00 p.m. | 60.1 | 76.8 | 62.0 | 58.2 |
| 06.00 p.m. - 07.00 p.m. | 62.1 | 76.8 | 65.0 | 60.3 |
| 07.00 p.m. - 08.00 p.m. | 59.0 | 75.4 | 60.8 | 56.9 |
| 08.00 p.m. - 09.00 p.m. | 54.2 | 83.4 | 56.4 | 52.8 |
| 09.00 p.m. - 10.00 p.m. | 53.1 | 81.5 | 55.1 | 50.4 |
| 10.00 p.m. - 11.00 p.m. | 52.6 | 75.6 | 55.5 | 49.6 |
| 11.00 p.m. - 00.00 a.m. | 53.0 | 80.2 | 55.3 | 49.8 |
| 00.00 a.m. - 01.00 a.m. | 51.9 | 82.1 | 53.8 | 49.0 |
| 01.00 a.m. - 02.00 a.m. | 51.5 | 76.4 | 54.4 | 48.3 |
| 02.00 a.m. - 03.00 a.m. | 52.4 | 73.7 | 55.2 | 49.1 |
| 03.00 a.m. - 04.00 a.m. | 52.7 | 71.9 | 55.3 | 50.4 |
| 04.00 a.m. - 05.00 a.m. | 51.8 | 78.2 | 54.4 | 49.0 |
| 05.00 a.m. - 06.00 a.m. | 52.8 | 79.4 | 54.8 | 49.5 |
| 06.00 a.m. - 07.00 a.m. | 53.5 | 75.2 | 56.7 | 50.2 |
| 07.00 a.m. - 08.00 a.m. | 62.8 | 79.8 | 64.7 | 60.5 |
| 08.00 a.m. - 09.00 a.m. | 63.2 | 75.7 | 65.2 | 61.2 |
| 09.00 a.m. - 10.00 a.m. | 64.1 | 73.4 | 66.3 | 62.3 |
| 10.00 a.m. - 11.00 a.m. | 61.7 | 79.3 | 63.4 | 59.8 |
| 24 Hours Average | 60.6 | - | 66.0 | 49.0 |
| Lmax | - | 83.4 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 62.4 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมมาคมแห่งชาติ จำกัด (มหาชน)
GPS, Coordinate : 47 P 704333 E 1429408 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Sound Level
Sampling Date : 02 – 03 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 11.00 a.m. - 12.00 p.m. | 67.4 | 74.6 | 69.2 | 65.2 |
| 12.00 p.m. - 01.00 p.m. | 64.3 | 71.9 | 66.6 | 62.4 |
| 01.00 p.m. - 02.00 p.m. | 65.6 | 76.4 | 68.1 | 63.5 |
| 02.00 p.m. - 03.00 p.m. | 64.2 | 81.8 | 67.2 | 62.4 |
| 03.00 p.m. - 04.00 p.m. | 63.9 | 80.8 | 65.3 | 61.8 |
| 04.00 p.m. - 05.00 p.m. | 65.4 | 89.9 | 67.6 | 62.9 |
| 05.00 p.m. - 06.00 p.m. | 63.2 | 79.3 | 65.5 | 61.1 |
| 06.00 p.m. - 07.00 p.m. | 64.8 | 85.3 | 66.8 | 62.7 |
| 07.00 p.m. - 08.00 p.m. | 65.6 | 90.6 | 67.0 | 62.9 |
| 08.00 p.m. - 09.00 p.m. | 64.2 | 85.5 | 66.1 | 61.8 |
| 09.00 p.m. - 10.00 p.m. | 64.4 | 89.6 | 66.2 | 62.1 |
| 10.00 p.m. - 11.00 p.m. | 65.9 | 91.2 | 67.8 | 62.9 |
| 11.00 p.m. - 00.00 a.m. | 60.2 | 80.4 | 62.8 | 58.3 |
| 00.00 a.m. - 01.00 a.m. | 63.9 | 85.8 | 65.8 | 61.7 |
| 01.00 a.m. - 02.00 a.m. | 63.0 | 85.1 | 64.9 | 59.9 |
| 02.00 a.m. - 03.00 a.m. | 61.6 | 97.0 | 64.0 | 59.7 |
| 03.00 a.m. - 04.00 a.m. | 60.7 | 96.8 | 62.5 | 57.9 |
| 04.00 a.m. - 05.00 a.m. | 66.1 | 89.8 | 67.8 | 64.7 |
| 05.00 a.m. - 06.00 a.m. | 62.4 | 85.2 | 64.8 | 60.1 |
| 06.00 a.m. - 07.00 a.m. | 64.4 | 87.5 | 65.8 | 62.4 |
| 07.00 a.m. - 08.00 a.m. | 64.5 | 87.1 | 66.4 | 62.3 |
| 08.00 a.m. - 09.00 a.m. | 63.4 | 85.6 | 65.6 | 61.1 |
| 09.00 a.m. - 10.00 a.m. | 64.2 | 87.2 | 65.8 | 62.4 |
| 10.00 a.m. - 11.00 a.m. | 63.8 | 83.8 | 65.6 | 61.7 |
| 24 Hours Average | 64.3 | - | 67.8 | 59.8 |
| Lmax | - | 97.0 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 70.2 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025

Reviewed Signatory

TNP ENVIRONMENT CO.,LTD.
บริษัท ทีเอ็นพี เอ็นไวรอนเมนต์ จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานาคแห่งประเทศไทย จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429408 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

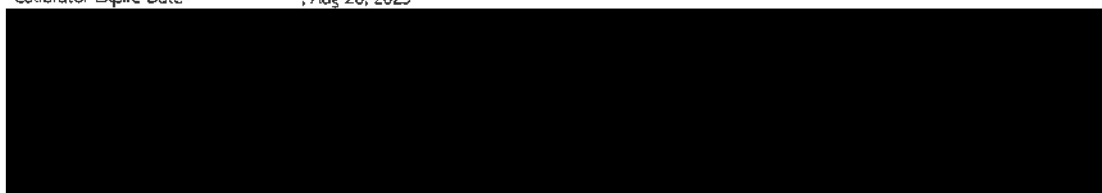
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Sound Level
Sampling Date : 03 - 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 - 12 February 2025
Report Date : 13 February 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 11.00 a.m. - 12.00 p.m. | 63.4 | 86.8 | 65.0 | 61.0 |
| 12.00 p.m. - 01.00 p.m. | 66.2 | 88.2 | 68.0 | 63.5 |
| 01.00 p.m. - 02.00 p.m. | 64.4 | 89.2 | 66.3 | 63.2 |
| 02.00 p.m. - 03.00 p.m. | 65.1 | 85.7 | 67.2 | 63.4 |
| 03.00 p.m. - 04.00 p.m. | 63.7 | 88.7 | 65.2 | 61.5 |
| 04.00 p.m. - 05.00 p.m. | 64.9 | 91.4 | 66.8 | 62.8 |
| 05.00 p.m. - 06.00 p.m. | 62.7 | 78.2 | 64.8 | 60.8 |
| 06.00 p.m. - 07.00 p.m. | 63.8 | 86.4 | 65.6 | 61.4 |
| 07.00 p.m. - 08.00 p.m. | 63.6 | 85.1 | 66.0 | 61.7 |
| 08.00 p.m. - 09.00 p.m. | 63.8 | 82.4 | 65.9 | 61.7 |
| 09.00 p.m. - 10.00 p.m. | 64.2 | 87.1 | 66.0 | 62.5 |
| 10.00 p.m. - 11.00 p.m. | 60.1 | 84.8 | 62.3 | 57.5 |
| 11.00 p.m. - 00.00 a.m. | 59.2 | 83.4 | 61.2 | 57.2 |
| 00.00 a.m. - 01.00 a.m. | 58.7 | 89.7 | 61.2 | 56.5 |
| 01.00 a.m. - 02.00 a.m. | 57.6 | 86.4 | 60.3 | 56.2 |
| 02.00 a.m. - 03.00 a.m. | 56.3 | 94.8 | 58.9 | 54.6 |
| 03.00 a.m. - 04.00 a.m. | 55.9 | 88.1 | 57.2 | 53.8 |
| 04.00 a.m. - 05.00 a.m. | 56.8 | 88.6 | 58.8 | 54.9 |
| 05.00 a.m. - 06.00 a.m. | 60.7 | 86.5 | 62.8 | 57.8 |
| 06.00 a.m. - 07.00 a.m. | 63.5 | 86.6 | 65.3 | 61.5 |
| 07.00 a.m. - 08.00 a.m. | 65.0 | 91.1 | 67.4 | 62.8 |
| 08.00 a.m. - 09.00 a.m. | 65.4 | 95.3 | 67.4 | 63.4 |
| 09.00 a.m. - 10.00 a.m. | 63.7 | 86.9 | 65.7 | 61.2 |
| 10.00 a.m. - 11.00 a.m. | 63.2 | 81.9 | 65.5 | 61.2 |
| 24 Hours Average | 63.0 | - | 67.3 | 55.3 |
| Lmax | - | 95.3 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 67.0 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



Reviewed Signatory: TNP ENVIRONMENT CO.,LTD. Approved Signatory
บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704304 E 1429339 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 01 - 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 - 12 February 2025
Report Date : 13 February 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{res} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|-------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/3 | 01-02/02/2025 | 68.2 ^{1/} | 60.9 ^{2/} | 59.1 ^{2/} | 8.2 | 10.0 |
| S68033/5 | 02-03/02/2025 | 69.8 ^{3/} | 64.9 ^{4/} | 62.9 ^{4/} | 5.2 | 10.0 |
| S68033/7 | 03-04/02/2025 | 69.7 ^{5/} | 63.4 ^{6/} | 61.7 ^{6/} | 6.8 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 10.00 a.m. - 11.00 a.m., 02 February 2025

^{3/} Measurement on 09.00 a.m. - 10.00 a.m., 03 February 2025

^{5/} Measurement on 02.00 p.m. - 03.00 p.m., 03 February 2025

Residual Noise Level

^{2/} Measurement on 05.20 p.m. - 05.25 p.m., 01 February 2025

^{4/} Measurement on 05.25 p.m. - 05.30 p.m., 02 February 2025

^{6/} Measurement on 05.15 p.m. - 05.20 p.m., 03 February 2025

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429408 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 01 - 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 - 12 February 2025
Report Date : 13 February 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/4 | 01-02/02/2025 | 65.0 ^{1/} | 60.0 ^{2/} | 58.1 ^{2/} | 5.2 | 10.0 |
| S68033/6 | 02-03/02/2025 | 67.4 ^{3/} | 62.6 ^{4/} | 60.9 ^{4/} | 4.8 | 10.0 |
| S68033/8 | 03-04/02/2025 | 66.2 ^{5/} | 62.7 ^{6/} | 60.7 ^{6/} | 2.9 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 03.00 p.m. - 04.00 p.m., 01 February 2025

^{3/} Measurement on 11.00 a.m. - 12.00 p.m., 02 February 2025

^{5/} Measurement on 12.00 p.m. - 01.00 p.m., 13 February 2025

; Residual Noise Level

^{2/} Measurement on 05.55 p.m. - 06.00 p.m., 01 February 2025

^{4/} Measurement on 05.20 p.m. - 05.25 p.m., 02 February 2025

^{6/} Measurement on 05.20 p.m. - 05.25 p.m., 03 February 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์ดินแดนชั้น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429383 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

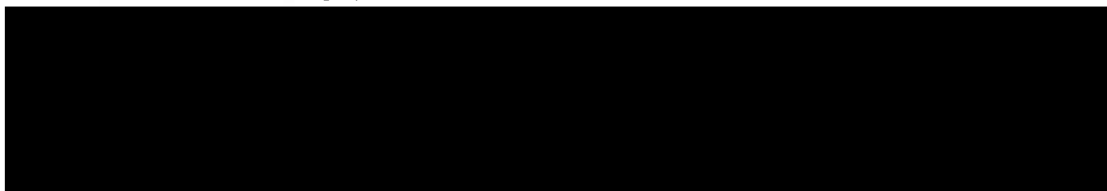
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Sound Level
Sampling Date : 17 - 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 - 26 March 2025
Report Date : 27 March 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|--------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 10.00 a.m. - 11.00 a.m. | 69.1 | 108.4 | 70.5 | 67.3 |
| 11.00 a.m. - 12.00 p.m. | 67.9 | 89.9 | 70.2 | 66.2 |
| 12.00 p.m. - 01.00 p.m. | 67.7 | 90.9 | 70.4 | 65.9 |
| 01.00 p.m. - 02.00 p.m. | 70.9 | 91.8 | 73.0 | 68.8 |
| 02.00 p.m. - 03.00 p.m. | 70.8 | 91.7 | 73.0 | 68.4 |
| 03.00 p.m. - 04.00 p.m. | 72.3 | 92.5 | 74.4 | 70.4 |
| 04.00 p.m. - 05.00 p.m. | 68.2 | 94.9 | 70.6 | 66.4 |
| 05.00 p.m. - 06.00 p.m. | 66.5 | 87.9 | 68.5 | 65.1 |
| 06.00 p.m. - 07.00 p.m. | 68.3 | 86.4 | 70.3 | 66.7 |
| 07.00 p.m. - 08.00 p.m. | 63.2 | 82.5 | 65.6 | 61.5 |
| 08.00 p.m. - 09.00 p.m. | 62.6 | 84.6 | 64.4 | 60.5 |
| 09.00 p.m. - 10.00 p.m. | 63.3 | 86.8 | 65.0 | 62.1 |
| 10.00 p.m. - 11.00 p.m. | 62.9 | 85.7 | 65.0 | 60.6 |
| 11.00 p.m. - 00.00 a.m. | 62.9 | 81.7 | 65.2 | 60.7 |
| 00.00 a.m. - 01.00 a.m. | 62.4 | 81.3 | 64.6 | 60.9 |
| 01.00 a.m. - 02.00 a.m. | 63.4 | 88.3 | 64.6 | 61.7 |
| 02.00 a.m. - 03.00 a.m. | 62.9 | 82.1 | 65.4 | 60.8 |
| 03.00 a.m. - 04.00 a.m. | 63.9 | 85.3 | 66.0 | 61.8 |
| 04.00 a.m. - 05.00 a.m. | 63.9 | 87.6 | 65.2 | 61.4 |
| 05.00 a.m. - 06.00 a.m. | 63.2 | 92.6 | 65.5 | 61.3 |
| 06.00 a.m. - 07.00 a.m. | 63.4 | 86.6 | 65.4 | 61.2 |
| 07.00 a.m. - 08.00 a.m. | 68.5 | 94.0 | 71.2 | 67.1 |
| 08.00 a.m. - 09.00 a.m. | 68.7 | 85.4 | 70.6 | 66.8 |
| 09.00 a.m. - 10.00 a.m. | 68.4 | 92.7 | 71.4 | 66.9 |
| 24 Hours Average | 67.2 | - | 72.5 | 60.7 |
| Lmax | - | 108.4 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 70.9 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



TNP ENVIRONMENT CO.,LTD.
25-3-2568 11:00:00 AM



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวเสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429383 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

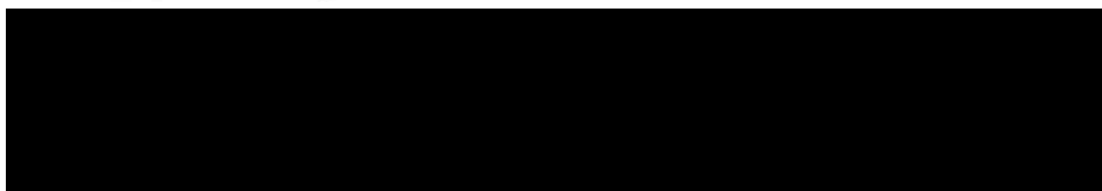
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Sound Level
Sampling Date : 18 – 19 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|--------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 10.00 a.m. - 11.00 a.m. | 68.7 | 92.6 | 70.6 | 66.4 |
| 11.00 a.m. - 12.00 p.m. | 64.8 | 91.7 | 68.0 | 62.4 |
| 12.00 p.m. - 01.00 p.m. | 65.9 | 89.3 | 68.6 | 63.5 |
| 01.00 p.m. - 02.00 p.m. | 67.7 | 95.4 | 69.8 | 65.9 |
| 02.00 p.m. - 03.00 p.m. | 65.1 | 93.0 | 66.2 | 63.2 |
| 03.00 p.m. - 04.00 p.m. | 68.0 | 90.1 | 69.2 | 66.7 |
| 04.00 p.m. - 05.00 p.m. | 68.7 | 102.8 | 70.3 | 66.5 |
| 05.00 p.m. - 06.00 p.m. | 64.2 | 84.4 | 66.4 | 62.5 |
| 06.00 p.m. - 07.00 p.m. | 64.7 | 86.2 | 67.4 | 62.8 |
| 07.00 p.m. - 08.00 p.m. | 63.8 | 86.4 | 65.8 | 61.7 |
| 08.00 p.m. - 09.00 p.m. | 62.0 | 82.4 | 64.0 | 60.2 |
| 09.00 p.m. - 10.00 p.m. | 62.7 | 84.7 | 65.0 | 60.7 |
| 10.00 p.m. - 11.00 p.m. | 63.0 | 84.5 | 65.2 | 61.2 |
| 11.00 p.m. - 00.00 a.m. | 64.5 | 88.2 | 66.5 | 62.7 |
| 00.00 a.m. - 01.00 a.m. | 63.5 | 91.0 | 65.4 | 61.5 |
| 01.00 a.m. - 02.00 a.m. | 62.9 | 84.1 | 64.8 | 60.8 |
| 02.00 a.m. - 03.00 a.m. | 63.0 | 83.4 | 64.6 | 61.6 |
| 03.00 a.m. - 04.00 a.m. | 64.3 | 85.6 | 66.4 | 62.9 |
| 04.00 a.m. - 05.00 a.m. | 64.5 | 94.0 | 66.5 | 62.8 |
| 05.00 a.m. - 06.00 a.m. | 62.9 | 84.9 | 64.4 | 60.7 |
| 06.00 a.m. - 07.00 a.m. | 64.8 | 89.1 | 66.2 | 62.5 |
| 07.00 a.m. - 08.00 a.m. | 68.0 | 87.6 | 70.1 | 66.3 |
| 08.00 a.m. - 09.00 a.m. | 69.2 | 91.6 | 72.2 | 67.3 |
| 09.00 a.m. - 10.00 a.m. | 68.1 | 96.5 | 70.2 | 66.5 |
| 24 Hours Average | 65.8 | - | 70.2 | 60.7 |
| Lmax | - | 102.8 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 70.7 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



ผู้ตรวจวัด : นายวิชาญ วัฒนศิริกุล
ผู้ตรวจ : นายวิชาญ วัฒนศิริกุล

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429383 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

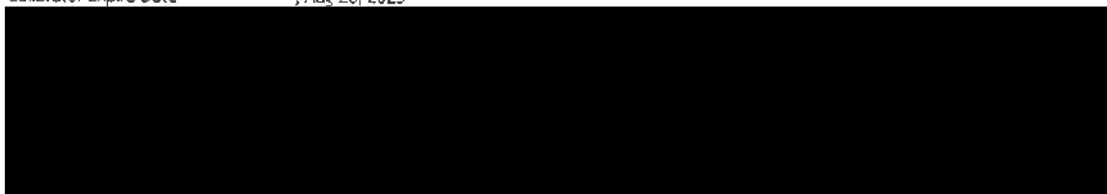
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Sound Level
Sampling Date : 19 – 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 10.00 a.m. - 11.00 a.m. | 65.4 | 87.5 | 68.2 | 63.7 |
| 11.00 a.m. - 12.00 p.m. | 65.5 | 91.4 | 67.8 | 63.4 |
| 12.00 p.m. - 01.00 p.m. | 65.1 | 95.4 | 66.4 | 63.2 |
| 01.00 p.m. - 02.00 p.m. | 68.7 | 96.2 | 70.3 | 66.9 |
| 02.00 p.m. - 03.00 p.m. | 66.7 | 93.4 | 68.8 | 64.7 |
| 03.00 p.m. - 04.00 p.m. | 65.5 | 84.7 | 67.9 | 63.4 |
| 04.00 p.m. - 05.00 p.m. | 67.0 | 88.3 | 69.8 | 65.1 |
| 05.00 p.m. - 06.00 p.m. | 64.9 | 84.6 | 67.6 | 62.8 |
| 06.00 p.m. - 07.00 p.m. | 65.3 | 83.9 | 67.5 | 63.7 |
| 07.00 p.m. - 08.00 p.m. | 62.9 | 82.8 | 65.0 | 60.6 |
| 08.00 p.m. - 09.00 p.m. | 64.2 | 86.9 | 65.4 | 62.5 |
| 09.00 p.m. - 10.00 p.m. | 64.5 | 88.1 | 65.6 | 62.8 |
| 10.00 p.m. - 11.00 p.m. | 63.2 | 82.5 | 65.6 | 61.7 |
| 11.00 p.m. - 00.00 a.m. | 62.5 | 82.5 | 64.6 | 60.4 |
| 00.00 a.m. - 01.00 a.m. | 63.8 | 93.5 | 65.2 | 61.7 |
| 01.00 a.m. - 02.00 a.m. | 62.8 | 82.2 | 64.6 | 60.5 |
| 02.00 a.m. - 03.00 a.m. | 63.7 | 87.1 | 65.0 | 61.7 |
| 03.00 a.m. - 04.00 a.m. | 65.2 | 92.3 | 67.4 | 63.4 |
| 04.00 a.m. - 05.00 a.m. | 65.0 | 88.8 | 67.4 | 63.2 |
| 05.00 a.m. - 06.00 a.m. | 61.9 | 82.4 | 63.8 | 59.2 |
| 06.00 a.m. - 07.00 a.m. | 63.8 | 85.0 | 65.6 | 61.8 |
| 07.00 a.m. - 08.00 a.m. | 67.4 | 94.7 | 69.0 | 65.6 |
| 08.00 a.m. - 09.00 a.m. | 67.8 | 85.1 | 71.0 | 65.6 |
| 09.00 a.m. - 10.00 a.m. | 66.9 | 84.1 | 69.2 | 64.7 |
| 24 Hours Average | 65.3 | - | 69.6 | 60.5 |
| Lmax | - | 96.2 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 70.5 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SUM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมมาคมแห่งชาติ จำกัด (มหาชน)
GPS, Coordinate : 47 P 704333 E 1429404 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

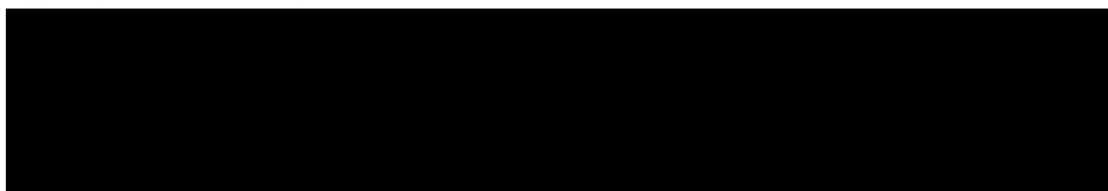
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Sound Level
Sampling Date : 17 - 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 - 26 March 2025
Report Date : 27 March 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|------|------|------|
| | Leq | Lmax | L10 | L90 |
| 10.00 a.m. - 11.00 a.m. | 62.6 | 85.8 | 64.3 | 60.8 |
| 11.00 a.m. - 12.00 p.m. | 63.0 | 83.1 | 64.7 | 61.5 |
| 12.00 p.m. - 01.00 p.m. | 63.1 | 86.0 | 64.5 | 61.7 |
| 01.00 p.m. - 02.00 p.m. | 62.0 | 84.1 | 63.2 | 60.3 |
| 02.00 p.m. - 03.00 p.m. | 62.4 | 88.3 | 63.6 | 60.5 |
| 03.00 p.m. - 04.00 p.m. | 66.4 | 80.7 | 67.9 | 65.1 |
| 04.00 p.m. - 05.00 p.m. | 62.7 | 82.0 | 64.5 | 60.5 |
| 05.00 p.m. - 06.00 p.m. | 61.9 | 81.8 | 64.4 | 59.8 |
| 06.00 p.m. - 07.00 p.m. | 63.7 | 84.3 | 65.4 | 61.4 |
| 07.00 p.m. - 08.00 p.m. | 62.6 | 86.2 | 64.4 | 60.5 |
| 08.00 p.m. - 09.00 p.m. | 61.6 | 83.1 | 63.6 | 59.0 |
| 09.00 p.m. - 10.00 p.m. | 62.2 | 84.6 | 64.0 | 60.5 |
| 10.00 p.m. - 11.00 p.m. | 62.1 | 85.6 | 64.2 | 60.7 |
| 11.00 p.m. - 00.00 a.m. | 61.8 | 82.1 | 64.2 | 60.3 |
| 00.00 a.m. - 01.00 a.m. | 62.0 | 86.3 | 63.6 | 60.2 |
| 01.00 a.m. - 02.00 a.m. | 62.4 | 87.3 | 64.4 | 60.7 |
| 02.00 a.m. - 03.00 a.m. | 62.2 | 82.1 | 64.2 | 60.7 |
| 03.00 a.m. - 04.00 a.m. | 60.5 | 89.2 | 62.5 | 58.9 |
| 04.00 a.m. - 05.00 a.m. | 60.4 | 83.8 | 62.6 | 58.2 |
| 05.00 a.m. - 06.00 a.m. | 62.9 | 89.2 | 64.5 | 60.5 |
| 06.00 a.m. - 07.00 a.m. | 62.1 | 85.4 | 63.6 | 60.1 |
| 07.00 a.m. - 08.00 a.m. | 64.7 | 80.1 | 66.5 | 62.7 |
| 08.00 a.m. - 09.00 a.m. | 64.2 | 75.7 | 65.8 | 62.5 |
| 09.00 a.m. - 10.00 a.m. | 64.3 | 73.4 | 66.3 | 62.4 |
| 24 Hours Average | 62.9 | - | 66.2 | 59.2 |
| Lmax | - | 89.2 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 68.5 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



TNP ENVIRONMENT CO.,LTD.
255 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรูนิแม้นชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามาตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429404 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

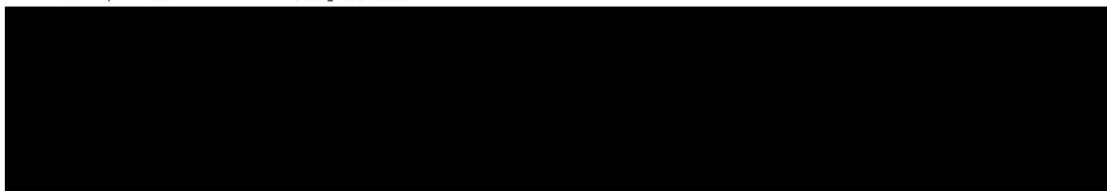
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Sound Level
Sampling Date : 18 – 19 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|--------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 10.00 a.m. - 11.00 a.m. | 63.3 | 96.2 | 65.5 | 62.1 |
| 11.00 a.m. - 12.00 p.m. | 63.8 | 95.7 | 65.7 | 61.9 |
| 12.00 p.m. - 01.00 p.m. | 62.4 | 96.9 | 64.2 | 60.9 |
| 01.00 p.m. - 02.00 p.m. | 65.5 | 89.7 | 67.6 | 63.7 |
| 02.00 p.m. - 03.00 p.m. | 66.1 | 99.2 | 67.7 | 64.6 |
| 03.00 p.m. - 04.00 p.m. | 67.5 | 98.6 | 69.3 | 65.8 |
| 04.00 p.m. - 05.00 p.m. | 63.8 | 103.5 | 66.1 | 61.6 |
| 05.00 p.m. - 06.00 p.m. | 64.3 | 95.2 | 66.5 | 62.7 |
| 06.00 p.m. - 07.00 p.m. | 60.4 | 89.6 | 62.3 | 58.7 |
| 07.00 p.m. - 08.00 p.m. | 58.9 | 80.3 | 61.7 | 57.3 |
| 08.00 p.m. - 09.00 p.m. | 58.3 | 82.5 | 60.4 | 56.4 |
| 09.00 p.m. - 10.00 p.m. | 56.2 | 89.6 | 58.6 | 54.1 |
| 10.00 p.m. - 11.00 p.m. | 54.5 | 87.8 | 56.3 | 51.6 |
| 11.00 p.m. - 00.00 a.m. | 55.7 | 85.6 | 57.8 | 52.4 |
| 00.00 a.m. - 01.00 a.m. | 56.7 | 88.9 | 58.4 | 54.6 |
| 01.00 a.m. - 02.00 a.m. | 54.2 | 84.3 | 55.9 | 51.9 |
| 02.00 a.m. - 03.00 a.m. | 55.8 | 85.1 | 57.2 | 53.8 |
| 03.00 a.m. - 04.00 a.m. | 56.9 | 87.6 | 58.3 | 55.6 |
| 04.00 a.m. - 05.00 a.m. | 51.4 | 82.8 | 53.9 | 48.8 |
| 05.00 a.m. - 06.00 a.m. | 52.7 | 84.6 | 54.6 | 50.8 |
| 06.00 a.m. - 07.00 a.m. | 54.6 | 83.1 | 56.5 | 52.6 |
| 07.00 a.m. - 08.00 a.m. | 64.5 | 96.8 | 66.5 | 62.4 |
| 08.00 a.m. - 09.00 a.m. | 64.7 | 95.8 | 65.9 | 63.1 |
| 09.00 a.m. - 10.00 a.m. | 65.6 | 97.3 | 67.2 | 63.6 |
| 24 Hours Average | 62.2 | - | 67.5 | 51.7 |
| Lmax | - | 103.5 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 64.4 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



TNP ENVIRONMENT CO.,LTD.
332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภูธรดีเนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429404 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Sound Level
Sampling Date : 19 – 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|------|------|------|
| | Leq | Lmax | L10 | L90 |
| 10.00 a.m. - 11.00 a.m. | 64.7 | 86.2 | 67.7 | 63.2 |
| 11.00 a.m. - 12.00 p.m. | 63.2 | 98.2 | 65.4 | 62.0 |
| 12.00 p.m. - 01.00 p.m. | 61.0 | 85.6 | 62.3 | 59.7 |
| 01.00 p.m. - 02.00 p.m. | 62.2 | 90.3 | 63.4 | 60.3 |
| 02.00 p.m. - 03.00 p.m. | 64.8 | 94.0 | 66.2 | 62.2 |
| 03.00 p.m. - 04.00 p.m. | 65.7 | 97.6 | 67.9 | 64.3 |
| 04.00 p.m. - 05.00 p.m. | 64.5 | 92.6 | 66.5 | 62.5 |
| 05.00 p.m. - 06.00 p.m. | 63.2 | 82.7 | 65.1 | 62.1 |
| 06.00 p.m. - 07.00 p.m. | 62.8 | 87.6 | 64.3 | 61.3 |
| 07.00 p.m. - 08.00 p.m. | 61.4 | 82.5 | 63.1 | 60.1 |
| 08.00 p.m. - 09.00 p.m. | 59.7 | 74.4 | 62.3 | 57.7 |
| 09.00 p.m. - 10.00 p.m. | 58.5 | 81.2 | 60.4 | 56.5 |
| 10.00 p.m. - 11.00 p.m. | 58.1 | 76.6 | 60.5 | 55.8 |
| 11.00 p.m. - 00.00 a.m. | 57.2 | 74.1 | 58.9 | 55.3 |
| 00.00 a.m. - 01.00 a.m. | 56.3 | 73.5 | 58.4 | 54.6 |
| 01.00 a.m. - 02.00 a.m. | 57.1 | 75.2 | 58.3 | 55.4 |
| 02.00 a.m. - 03.00 a.m. | 56.9 | 74.2 | 58.4 | 54.9 |
| 03.00 a.m. - 04.00 a.m. | 54.8 | 71.2 | 56.6 | 53.3 |
| 04.00 a.m. - 05.00 a.m. | 52.9 | 74.6 | 54.9 | 51.2 |
| 05.00 a.m. - 06.00 a.m. | 54.1 | 70.3 | 56.2 | 53.0 |
| 06.00 a.m. - 07.00 a.m. | 58.3 | 78.5 | 61.2 | 56.2 |
| 07.00 a.m. - 08.00 a.m. | 61.8 | 86.7 | 63.4 | 59.1 |
| 08.00 a.m. - 09.00 a.m. | 62.7 | 85.4 | 65.1 | 60.5 |
| 09.00 a.m. - 10.00 a.m. | 65.8 | 84.2 | 67.4 | 63.2 |
| 24 Hours Average | 61.7 | - | 67.1 | 53.7 |
| Lmax | - | 98.2 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 64.8 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025

Reviewed Signatory

TNP ENVIRONMENT CO.,LTD.

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมนอทมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429383 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 17 - 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 - 26 March 2025
Report Date : 27 March 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/3 | 17-18/03/2025 | 72.3 ^{1/} | 66.8 ^{2/} | 65.2 ^{2/} | 5.7 | 10.0 |
| S68033/5 | 18-19/03/2025 | 69.2 ^{3/} | 63.8 ^{4/} | 61.9 ^{4/} | 5.8 | 10.0 |
| S68033/7 | 19-20/03/2025 | 68.7 ^{5/} | 64.7 ^{6/} | 63.1 ^{6/} | 3.4 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 03.00 p.m. - 04.00 p.m., 17 March 2025

^{3/} Measurement on 08.00 a.m. - 09.00 a.m., 19 March 2025

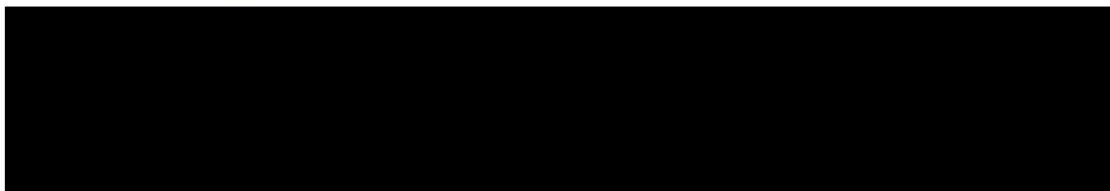
^{5/} Measurement on 01.00 p.m. - 02.00 p.m., 19 March 2025

; Residual Noise Level

^{2/} Measurement on 05.00 p.m. - 05.05 p.m., 17 March 2025

^{4/} Measurement on 05.50 p.m. - 05.55 p.m., 18 March 2025

^{6/} Measurement on 05.25 p.m. - 05.30 p.m., 19 March 2025



บริษัท อนุรักษ์นิเวศน์ จำกัด
บริษัท มีสิทธิ เป็นเจ้าของข้อมูล ข้อมูล

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไฮด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429404 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 17 - 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 - 26 March 2025
Report Date : 27 March 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/4 | 17-18/03/2025 | 66.4 ^{1/} | 61.8 ^{2/} | 59.4 ^{2/} | 5.2 | 10.0 |
| S68033/6 | 18-19/03/2025 | 67.5 ^{3/} | 62.3 ^{4/} | 60.7 ^{4/} | 5.2 | 10.0 |
| S68033/8 | 19-20/03/2025 | 65.8 ^{5/} | 60.5 ^{6/} | 59.3 ^{6/} | 5.0 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 03.00 p.m. - 04.00 p.m., 17 March 2025

^{3/} Measurement on 03.00 p.m. - 04.00 p.m., 18 March 2025

^{5/} Measurement on 09.00 a.m. - 10.00 a.m., 20 March 2025

Residual Noise Level

^{2/} Measurement on 05.00 p.m. - 05.05 p.m., 17 March 2025

^{4/} Measurement on 12.25 p.m. - 12.30 p.m., 18 March 2025

^{6/} Measurement on 12.00 p.m. - 12.05 p.m., 19 March 2025

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

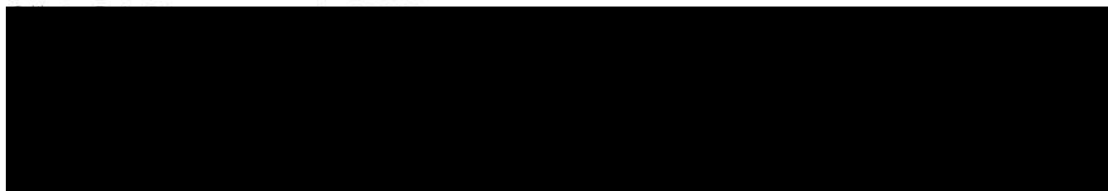
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Sound Level
Sampling Date : 18 – 19 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 12.00 p.m. - 01.00 p.m. | 64.9 | 98.4 | 67.0 | 62.2 |
| 01.00 p.m. - 02.00 p.m. | 70.4 | 97.3 | 73.0 | 68.7 |
| 02.00 p.m. - 03.00 p.m. | 68.5 | 91.2 | 71.1 | 65.8 |
| 03.00 p.m. - 04.00 p.m. | 69.9 | 90.8 | 71.8 | 67.5 |
| 04.00 p.m. - 05.00 p.m. | 67.9 | 93.1 | 69.8 | 65.4 |
| 05.00 p.m. - 06.00 p.m. | 67.7 | 90.5 | 70.1 | 65.9 |
| 06.00 p.m. - 07.00 p.m. | 68.1 | 91.6 | 70.1 | 65.4 |
| 07.00 p.m. - 08.00 p.m. | 67.8 | 88.8 | 69.8 | 64.6 |
| 08.00 p.m. - 09.00 p.m. | 67.1 | 89.9 | 68.7 | 65.2 |
| 09.00 p.m. - 10.00 p.m. | 66.9 | 86.9 | 70.0 | 63.4 |
| 10.00 p.m. - 11.00 p.m. | 68.5 | 94.6 | 69.1 | 66.9 |
| 11.00 p.m. - 00.00 a.m. | 66.6 | 91.3 | 68.5 | 63.4 |
| 00.00 a.m. - 01.00 a.m. | 69.5 | 92.7 | 70.6 | 67.6 |
| 01.00 a.m. - 02.00 a.m. | 67.0 | 89.6 | 68.9 | 64.4 |
| 02.00 a.m. - 03.00 a.m. | 68.0 | 95.4 | 69.4 | 66.1 |
| 03.00 a.m. - 04.00 a.m. | 67.6 | 96.7 | 68.5 | 64.5 |
| 04.00 a.m. - 05.00 a.m. | 66.7 | 93.4 | 67.6 | 64.5 |
| 05.00 a.m. - 06.00 a.m. | 67.8 | 93.5 | 68.7 | 64.8 |
| 06.00 a.m. - 07.00 a.m. | 68.5 | 91.4 | 70.6 | 65.9 |
| 07.00 a.m. - 08.00 a.m. | 71.6 | 96.8 | 73.1 | 67.4 |
| 08.00 a.m. - 09.00 a.m. | 70.6 | 98.3 | 72.8 | 68.2 |
| 09.00 a.m. - 10.00 a.m. | 67.5 | 84.2 | 70.2 | 64.7 |
| 10.00 a.m. - 11.00 a.m. | 68.7 | 85.7 | 70.4 | 65.7 |
| 11.00 a.m. - 12.00 p.m. | 66.9 | 83.7 | 69.5 | 64.1 |
| 24 Hours Average | 68.4 | - | 72.5 | 63.6 |
| Lmax | - | 98.4 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 74.4 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

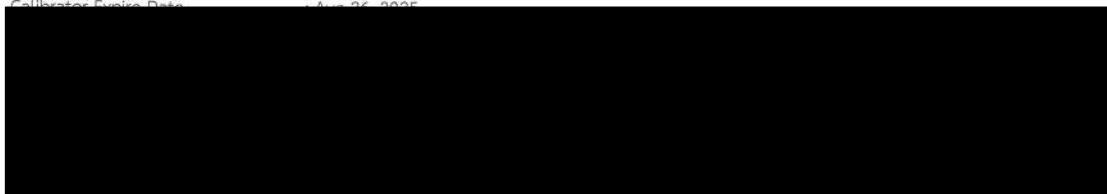
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Sound Level
Sampling Date : 19 – 20 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 12.00 p.m. - 01.00 p.m. | 66.4 | 81.6 | 68.9 | 63.6 |
| 01.00 p.m. - 02.00 p.m. | 67.4 | 89.5 | 69.1 | 64.8 |
| 02.00 p.m. - 03.00 p.m. | 68.2 | 84.6 | 70.8 | 65.1 |
| 03.00 p.m. - 04.00 p.m. | 68.6 | 91.3 | 71.3 | 66.7 |
| 04.00 p.m. - 05.00 p.m. | 67.8 | 89.2 | 69.9 | 65.3 |
| 05.00 p.m. - 06.00 p.m. | 66.4 | 86.4 | 68.6 | 63.2 |
| 06.00 p.m. - 07.00 p.m. | 68.6 | 88.5 | 71.2 | 65.8 |
| 07.00 p.m. - 08.00 p.m. | 67.3 | 89.7 | 69.5 | 64.6 |
| 08.00 p.m. - 09.00 p.m. | 65.8 | 82.6 | 68.2 | 62.7 |
| 09.00 p.m. - 10.00 p.m. | 66.4 | 85.9 | 69.4 | 63.7 |
| 10.00 p.m. - 11.00 p.m. | 66.3 | 83.9 | 68.8 | 64.9 |
| 11.00 p.m. - 00.00 a.m. | 65.8 | 86.2 | 67.5 | 62.4 |
| 00.00 a.m. - 01.00 a.m. | 66.4 | 89.4 | 69.4 | 63.8 |
| 01.00 a.m. - 02.00 a.m. | 65.3 | 88.2 | 67.8 | 62.1 |
| 02.00 a.m. - 03.00 a.m. | 66.8 | 85.7 | 69.2 | 63.5 |
| 03.00 a.m. - 04.00 a.m. | 67.4 | 83.9 | 70.5 | 65.2 |
| 04.00 a.m. - 05.00 a.m. | 67.1 | 84.6 | 69.6 | 64.9 |
| 05.00 a.m. - 06.00 a.m. | 64.8 | 81.9 | 67.2 | 63.4 |
| 06.00 a.m. - 07.00 a.m. | 65.9 | 86.7 | 67.4 | 62.9 |
| 07.00 a.m. - 08.00 a.m. | 64.5 | 84.6 | 67.3 | 61.0 |
| 08.00 a.m. - 09.00 a.m. | 65.3 | 83.1 | 67.6 | 62.6 |
| 09.00 a.m. - 10.00 a.m. | 65.1 | 86.2 | 68.1 | 62.4 |
| 10.00 a.m. - 11.00 a.m. | 64.7 | 86.0 | 68.0 | 62.8 |
| 11.00 a.m. - 12.00 p.m. | 67.7 | 84.2 | 69.3 | 65.1 |
| 24 Hours Average | 66.7 | - | 70.7 | 62.4 |
| Lmax | - | 91.3 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 72.8 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. ; ST-25D and 10340945
Calibrator Model and Serial No. ; KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์ดินแดนชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

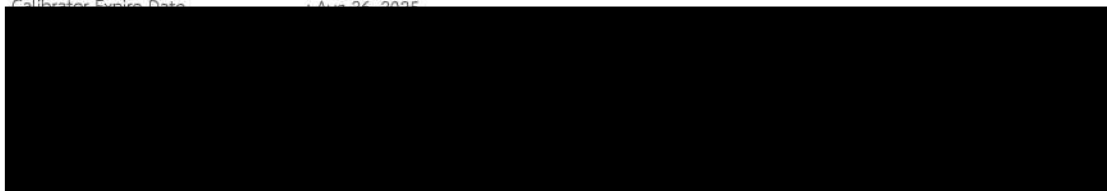
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Sound Level
Sampling Date : 20 – 21 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 12.00 p.m. - 01.00 p.m. | 65.0 | 86.7 | 68.4 | 64.0 |
| 01.00 p.m. - 02.00 p.m. | 64.8 | 88.2 | 66.1 | 64.1 |
| 02.00 p.m. - 03.00 p.m. | 64.7 | 84.9 | 65.7 | 64.0 |
| 03.00 p.m. - 04.00 p.m. | 64.2 | 86.7 | 65.0 | 63.6 |
| 04.00 p.m. - 05.00 p.m. | 64.3 | 82.9 | 64.6 | 63.9 |
| 05.00 p.m. - 06.00 p.m. | 64.4 | 87.9 | 65.2 | 62.0 |
| 06.00 p.m. - 07.00 p.m. | 66.8 | 85.4 | 68.1 | 65.3 |
| 07.00 p.m. - 08.00 p.m. | 65.6 | 87.9 | 66.3 | 65.1 |
| 08.00 p.m. - 09.00 p.m. | 58.7 | 80.3 | 59.1 | 57.9 |
| 09.00 p.m. - 10.00 p.m. | 60.5 | 82.6 | 61.3 | 58.4 |
| 10.00 p.m. - 11.00 p.m. | 59.9 | 79.6 | 60.8 | 59.0 |
| 11.00 p.m. - 00.00 a.m. | 59.7 | 78.9 | 61.5 | 58.2 |
| 00.00 a.m. - 01.00 a.m. | 60.0 | 81.6 | 61.2 | 58.8 |
| 01.00 a.m. - 02.00 a.m. | 59.7 | 77.4 | 60.8 | 58.3 |
| 02.00 a.m. - 03.00 a.m. | 63.3 | 85.9 | 65.0 | 62.3 |
| 03.00 a.m. - 04.00 a.m. | 63.5 | 83.8 | 63.8 | 62.7 |
| 04.00 a.m. - 05.00 a.m. | 69.2 | 89.4 | 72.5 | 65.5 |
| 05.00 a.m. - 06.00 a.m. | 66.0 | 88.2 | 69.6 | 62.0 |
| 06.00 a.m. - 07.00 a.m. | 63.2 | 85.1 | 63.6 | 62.3 |
| 07.00 a.m. - 08.00 a.m. | 64.1 | 86.9 | 65.2 | 63.4 |
| 08.00 a.m. - 09.00 a.m. | 70.6 | 89.7 | 71.6 | 67.3 |
| 09.00 a.m. - 10.00 a.m. | 72.2 | 90.6 | 74.4 | 69.6 |
| 10.00 a.m. - 11.00 a.m. | 70.8 | 91.4 | 73.4 | 67.9 |
| 11.00 a.m. - 12.00 p.m. | 72.6 | 94.6 | 73.8 | 70.2 |
| 24 Hours Average | 66.6 | - | 73.1 | 58.3 |
| Lmax | - | 94.6 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 71.6 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐติแมนชั่น จำกัด
 Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
 (Atmind Hotel South Pattaya)
 Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
 Sampling Point : พื้นที่บริษัท ไทรคมนาคมแห่งชาติ จำกัด (มหาชน)
 GPS. Coordinate : 47 P 704342 E 1429406 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

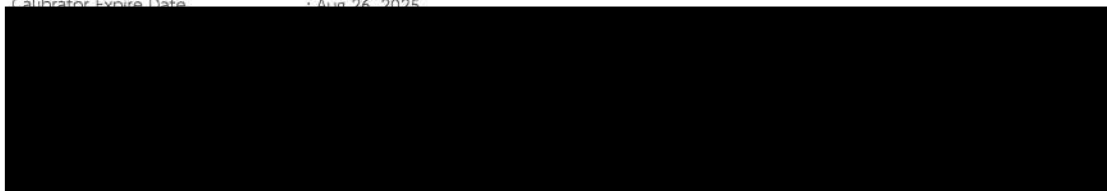
Data Provided by Laboratory

Report No. : S68033
 Sample No. : S68033/5
 Sample Type : Sound Level
 Sampling Date : 07 – 08 April 2025
 Received Date : 22 April 2025
 Analytical Date : 22 – 24 April 2025
 Report Date : 25 April 2025
 Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 01.00 p.m. - 02.00 p.m. | 69.2 | 94.4 | 72.2 | 67.8 |
| 02.00 p.m. - 03.00 p.m. | 62.4 | 82.4 | 64.2 | 58.2 |
| 03.00 p.m. - 04.00 p.m. | 63.5 | 88.0 | 64.8 | 59.6 |
| 04.00 p.m. - 05.00 p.m. | 63.1 | 80.0 | 65.4 | 59.0 |
| 05.00 p.m. - 06.00 p.m. | 62.7 | 81.5 | 64.8 | 58.4 |
| 06.00 p.m. - 07.00 p.m. | 63.7 | 85.8 | 65.6 | 58.6 |
| 07.00 p.m. - 08.00 p.m. | 64.1 | 87.4 | 66.0 | 61.5 |
| 08.00 p.m. - 09.00 p.m. | 64.2 | 83.7 | 66.6 | 62.3 |
| 09.00 p.m. - 10.00 p.m. | 63.6 | 83.0 | 65.8 | 60.3 |
| 10.00 p.m. - 11.00 p.m. | 63.2 | 85.9 | 65.4 | 61.4 |
| 11.00 p.m. - 00.00 a.m. | 63.9 | 85.3 | 66.0 | 60.8 |
| 00.00 a.m. - 01.00 a.m. | 63.8 | 89.2 | 66.4 | 61.6 |
| 01.00 a.m. - 02.00 a.m. | 63.6 | 84.7 | 66.0 | 60.2 |
| 02.00 a.m. - 03.00 a.m. | 64.5 | 94.1 | 65.8 | 62.5 |
| 03.00 a.m. - 04.00 a.m. | 65.0 | 86.0 | 67.6 | 62.8 |
| 04.00 a.m. - 05.00 a.m. | 64.2 | 87.8 | 66.2 | 61.5 |
| 05.00 a.m. - 06.00 a.m. | 63.1 | 87.2 | 64.6 | 60.1 |
| 06.00 a.m. - 07.00 a.m. | 64.4 | 87.5 | 65.8 | 61.7 |
| 07.00 a.m. - 08.00 a.m. | 63.7 | 84.2 | 65.8 | 60.4 |
| 08.00 a.m. - 09.00 a.m. | 62.6 | 87.5 | 64.2 | 58.4 |
| 09.00 a.m. - 10.00 a.m. | 62.7 | 85.8 | 64.0 | 58.8 |
| 10.00 a.m. - 11.00 a.m. | 62.1 | 80.7 | 64.2 | 57.8 |
| 11.00 a.m. - 12.00 p.m. | 62.1 | 80.7 | 64.0 | 58.6 |
| 12.00 p.m. - 01.00 p.m. | 62.1 | 79.1 | 64.0 | 59.6 |
| 24 Hours Average | 63.9 | - | 66.5 | 58.4 |
| Lmax | - | 94.4 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 70.4 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
 Calibrator Model and Serial No. : KSM-42C and S/N 160100568
 Calibrator Expire Date : Aug 26, 2025



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมมาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704342 E 1429406 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Sound Level
Sampling Date : 08 – 09 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 01.00 p.m. - 02.00 p.m. | 62.8 | 84.5 | 64.8 | 58.6 |
| 02.00 p.m. - 03.00 p.m. | 65.2 | 88.8 | 65.6 | 64.2 |
| 03.00 p.m. - 04.00 p.m. | 63.6 | 80.4 | 65.2 | 60.6 |
| 04.00 p.m. - 05.00 p.m. | 63.7 | 80.6 | 65.8 | 60.2 |
| 05.00 p.m. - 06.00 p.m. | 63.0 | 83.4 | 65.2 | 58.0 |
| 06.00 p.m. - 07.00 p.m. | 63.3 | 81.2 | 65.8 | 58.2 |
| 07.00 p.m. - 08.00 p.m. | 63.4 | 84.2 | 65.8 | 58.2 |
| 08.00 p.m. - 09.00 p.m. | 64.0 | 81.7 | 66.4 | 61.5 |
| 09.00 p.m. - 10.00 p.m. | 64.7 | 90.3 | 65.8 | 62.3 |
| 10.00 p.m. - 11.00 p.m. | 64.0 | 84.8 | 66.6 | 61.3 |
| 11.00 p.m. - 00.00 a.m. | 66.4 | 90.8 | 66.6 | 63.6 |
| 00.00 a.m. - 01.00 a.m. | 64.7 | 89.1 | 66.4 | 62.1 |
| 01.00 a.m. - 02.00 a.m. | 63.9 | 83.4 | 66.0 | 60.4 |
| 02.00 a.m. - 03.00 a.m. | 65.0 | 89.6 | 66.0 | 62.7 |
| 03.00 a.m. - 04.00 a.m. | 63.8 | 85.4 | 65.6 | 60.7 |
| 04.00 a.m. - 05.00 a.m. | 64.7 | 86.6 | 67.0 | 61.4 |
| 05.00 a.m. - 06.00 a.m. | 64.5 | 92.5 | 65.0 | 61.7 |
| 06.00 a.m. - 07.00 a.m. | 65.0 | 91.1 | 65.8 | 62.5 |
| 07.00 a.m. - 08.00 a.m. | 62.6 | 84.9 | 64.6 | 58.4 |
| 08.00 a.m. - 09.00 a.m. | 61.9 | 80.0 | 64.0 | 59.5 |
| 09.00 a.m. - 10.00 a.m. | 61.7 | 86.5 | 63.8 | 57.3 |
| 10.00 a.m. - 11.00 a.m. | 62.5 | 78.8 | 65.0 | 58.0 |
| 11.00 a.m. - 12.00 p.m. | 62.5 | 84.0 | 64.2 | 57.4 |
| 12.00 p.m. - 01.00 p.m. | 64.2 | 92.8 | 64.6 | 59.2 |
| 24 Hours Average | 63.9 | - | 66.5 | 58.0 |
| Lmax | - | 92.8 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 71.0 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025

Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704342 E 1429406 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

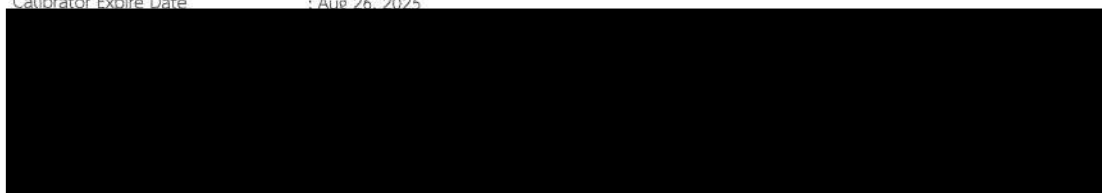
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Sound Level
Sampling Date : 09 – 10 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 01.00 p.m. - 02.00 p.m. | 63.4 | 83.9 | 64.8 | 60.6 |
| 02.00 p.m. - 03.00 p.m. | 62.6 | 80.6 | 64.4 | 59.8 |
| 03.00 p.m. - 04.00 p.m. | 63.1 | 80.3 | 65.0 | 60.0 |
| 04.00 p.m. - 05.00 p.m. | 63.0 | 80.9 | 65.0 | 59.8 |
| 05.00 p.m. - 06.00 p.m. | 62.3 | 81.1 | 64.4 | 59.5 |
| 06.00 p.m. - 07.00 p.m. | 62.9 | 80.4 | 65.0 | 58.2 |
| 07.00 p.m. - 08.00 p.m. | 64.3 | 84.3 | 66.0 | 61.3 |
| 08.00 p.m. - 09.00 p.m. | 63.5 | 87.6 | 65.4 | 60.4 |
| 09.00 p.m. - 10.00 p.m. | 64.1 | 84.8 | 66.0 | 61.5 |
| 10.00 p.m. - 11.00 p.m. | 64.3 | 85.8 | 66.6 | 61.9 |
| 11.00 p.m. - 00.00 a.m. | 63.3 | 83.4 | 66.0 | 61.7 |
| 00.00 a.m. - 01.00 a.m. | 65.3 | 91.2 | 66.6 | 63.3 |
| 01.00 a.m. - 02.00 a.m. | 64.4 | 89.3 | 66.0 | 61.7 |
| 02.00 a.m. - 03.00 a.m. | 64.3 | 85.2 | 66.8 | 62.6 |
| 03.00 a.m. - 04.00 a.m. | 65.3 | 94.6 | 66.6 | 62.7 |
| 04.00 a.m. - 05.00 a.m. | 65.7 | 87.9 | 67.8 | 63.5 |
| 05.00 a.m. - 06.00 a.m. | 64.0 | 92.2 | 64.8 | 61.7 |
| 06.00 a.m. - 07.00 a.m. | 65.8 | 91.6 | 68.7 | 61.5 |
| 07.00 a.m. - 08.00 a.m. | 64.3 | 86.1 | 65.6 | 61.5 |
| 08.00 a.m. - 09.00 a.m. | 63.5 | 89.7 | 63.8 | 60.4 |
| 09.00 a.m. - 10.00 a.m. | 63.1 | 85.2 | 64.6 | 62.1 |
| 10.00 a.m. - 11.00 a.m. | 63.3 | 92.0 | 64.0 | 60.5 |
| 11.00 a.m. - 12.00 p.m. | 64.7 | 93.2 | 66.3 | 61.7 |
| 12.00 p.m. - 01.00 p.m. | 64.1 | 92.4 | 65.8 | 60.1 |
| 24 Hours Average | 64.0 | - | 66.7 | 59.8 |
| Lmax | - | 94.6 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 71.0 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 18 - 21 April 2025
Received Date : 22 April 2025
Analytical Date : 22 - 24 April 2025
Report Date : 25 April 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/2 | 18-19/04/2025 | 70.6 ^{1/} | 63.2 ^{2/} | 61.8 ^{2/} | 7.9 | 10.0 |
| S68033/3 | 19-20/04/2025 | 68.6 ^{3/} | 66.2 ^{4/} | 61.8 ^{4/} | 3.1 | 10.0 |
| S68033/4 | 20-21/04/2025 | 72.6 ^{5/} | 65.9 ^{6/} | 61.9 ^{6/} | 9.7 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 08.00 a.m. - 09.00 a.m., 19 April 2025

^{3/} Measurement on 03.00 p.m. - 04.00 p.m., 19 April 2025

^{5/} Measurement on 11.00 a.m. - 12.00 p.m., 21 April 2025

; Residual Noise Level

^{2/} Measurement on 12.25 p.m. - 12.30 p.m., 18 April 2025

^{4/} Measurement on 08.30 a.m. - 08.35 a.m., 20 April 2025

^{6/} Measurement on 05.05 p.m. - 05.10 p.m., 20 April 2025



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704342 E 1429406 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 07 – 10 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/5 | 07-08/04/2025 | 69.2 ^{1/} | 61.3 ^{2/} | 58.8 ^{2/} | 9.6 | 10.0 |
| S68033/6 | 08-09/04/2025 | 65.2 ^{3/} | 61.0 ^{4/} | 59.2 ^{4/} | 3.9 | 10.0 |
| S68033/7 | 09-10/04/2025 | 64.7 ^{5/} | 60.9 ^{6/} | 58.4 ^{6/} | 4.0 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 01.00 p.m. - 02.00 p.m., 07 April 2025

^{3/} Measurement on 02.00 p.m. - 03.00 p.m., 08 April 2025

^{5/} Measurement on 11.00 a.m. - 12.00 p.m., 10 April 2025

; Residual Noise Level

^{2/} Measurement on 12.20 p.m. - 12.25 p.m., 08 April 2025

^{4/} Measurement on 08.20 a.m. - 08.25 a.m., 09 April 2025

^{6/} Measurement on 05.20 p.m. - 05.25 p.m., 09 April 2025



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐภูมิเนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 7043397 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

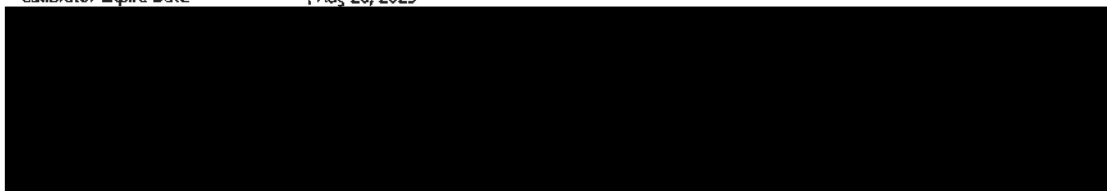
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Sound Level
Sampling Date : 13 - 14 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------|------|------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 68.1 | 97.6 | 70.3 | 65.6 |
| 10.00 a.m. - 11.00 a.m. | 68.9 | 90.5 | 70.4 | 66.3 |
| 11.00 a.m. - 12.00 p.m. | 68.2 | 105.6 | 71.0 | 65.4 |
| 12.00 p.m. - 01.00 a.m. | 65.0 | 97.7 | 67.4 | 62.8 |
| 01.00 p.m. - 02.00 p.m. | 65.4 | 91.7 | 67.8 | 63.1 |
| 02.00 p.m. - 03.00 p.m. | 70.3 | 97.7 | 72.8 | 68.9 |
| 03.00 p.m. - 04.00 p.m. | 70.5 | 96.6 | 73.1 | 69.1 |
| 04.00 p.m. - 05.00 p.m. | 71.8 | 96.7 | 74.6 | 68.9 |
| 05.00 p.m. - 06.00 p.m. | 65.9 | 93.7 | 67.3 | 62.8 |
| 06.00 p.m. - 07.00 p.m. | 65.5 | 90.3 | 67.1 | 63.5 |
| 07.00 p.m. - 08.00 p.m. | 58.9 | 80.5 | 60.8 | 55.7 |
| 08.00 p.m. - 09.00 p.m. | 59.1 | 79.0 | 61.5 | 57.9 |
| 09.00 p.m. - 10.00 p.m. | 58.1 | 88.7 | 60.7 | 55.6 |
| 10.00 p.m. - 11.00 p.m. | 56.7 | 83.5 | 58.9 | 53.7 |
| 11.00 p.m. - 00.00 a.m. | 55.4 | 83.6 | 57.2 | 52.4 |
| 00.00 a.m. - 01.00 a.m. | 55.4 | 91.1 | 58.4 | 53.5 |
| 01.00 a.m. - 02.00 a.m. | 55.5 | 94.7 | 57.0 | 52.4 |
| 02.00 a.m. - 03.00 a.m. | 54.4 | 85.9 | 57.4 | 51.2 |
| 03.00 a.m. - 04.00 a.m. | 53.6 | 84.9 | 56.1 | 51.3 |
| 04.00 a.m. - 05.00 a.m. | 54.4 | 85.4 | 57.1 | 52.1 |
| 05.00 a.m. - 06.00 a.m. | 58.7 | 89.9 | 60.9 | 56.2 |
| 06.00 a.m. - 07.00 a.m. | 62.4 | 81.4 | 64.3 | 59.4 |
| 07.00 a.m. - 08.00 a.m. | 65.2 | 89.5 | 67.4 | 62.7 |
| 08.00 a.m. - 09.00 a.m. | 72.1 | 93.7 | 74.5 | 69.9 |
| 24 Hours Average | 66.1 | - | 73.0 | 52.2 |
| Lmax | - | 105.6 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 67.7 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไฮด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 7043397 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

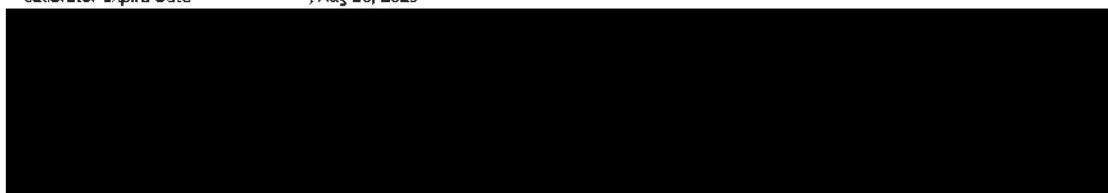
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Sound Level
Sampling Date : 14 - 15 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------|------|------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 71.3 | 109.2 | 73.3 | 69.5 |
| 10.00 a.m. - 11.00 a.m. | 70.9 | 101.2 | 73.6 | 69.1 |
| 11.00 a.m. - 12.00 p.m. | 70.1 | 110.4 | 72.1 | 68.8 |
| 12.00 p.m. - 01.00 a.m. | 66.2 | 95.8 | 68.5 | 63.5 |
| 01.00 p.m. - 02.00 p.m. | 70.5 | 101.5 | 72.6 | 67.8 |
| 02.00 p.m. - 03.00 p.m. | 69.4 | 105.0 | 72.1 | 66.5 |
| 03.00 p.m. - 04.00 p.m. | 73.1 | 112.0 | 75.4 | 70.5 |
| 04.00 p.m. - 05.00 p.m. | 70.2 | 109.0 | 72.9 | 68.2 |
| 05.00 p.m. - 06.00 p.m. | 69.5 | 94.5 | 72.5 | 67.1 |
| 06.00 p.m. - 07.00 p.m. | 64.5 | 86.5 | 67.5 | 62.4 |
| 07.00 p.m. - 08.00 p.m. | 55.4 | 72.9 | 57.4 | 52.4 |
| 08.00 p.m. - 09.00 p.m. | 55.4 | 73.4 | 58.7 | 53.4 |
| 09.00 p.m. - 10.00 p.m. | 54.8 | 78.4 | 57.8 | 52.7 |
| 10.00 p.m. - 11.00 p.m. | 53.4 | 76.5 | 55.4 | 50.6 |
| 11.00 p.m. - 00.00 a.m. | 54.1 | 74.8 | 56.1 | 51.2 |
| 00.00 a.m. - 01.00 a.m. | 55.8 | 79.4 | 58.6 | 53.1 |
| 01.00 a.m. - 02.00 a.m. | 55.3 | 75.0 | 57.0 | 52.7 |
| 02.00 a.m. - 03.00 a.m. | 54.6 | 71.9 | 56.5 | 52.4 |
| 03.00 a.m. - 04.00 a.m. | 56.9 | 84.0 | 58.0 | 54.1 |
| 04.00 a.m. - 05.00 a.m. | 57.8 | 78.9 | 60.1 | 55.4 |
| 05.00 a.m. - 06.00 a.m. | 58.6 | 83.5 | 60.5 | 56.2 |
| 06.00 a.m. - 07.00 a.m. | 58.1 | 84.2 | 59.4 | 55.1 |
| 07.00 a.m. - 08.00 a.m. | 60.0 | 86.9 | 62.2 | 57.4 |
| 08.00 a.m. - 09.00 a.m. | 67.4 | 89.1 | 70.2 | 64.9 |
| 24 Hours Average | 66.8 | - | 73.2 | 52.4 |
| Lmax | - | 112.0 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 67.9 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 7043397 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

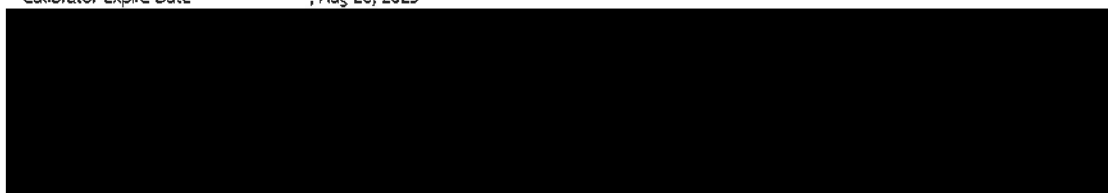
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Sound Level
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|------|------|------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 70.3 | 94.9 | 72.5 | 68.5 |
| 10.00 a.m. - 11.00 a.m. | 70.4 | 92.8 | 72.9 | 68.2 |
| 11.00 a.m. - 12.00 p.m. | 70.5 | 92.9 | 72.1 | 68.1 |
| 12.00 p.m. - 01.00 a.m. | 65.4 | 89.0 | 67.9 | 62.8 |
| 01.00 p.m. - 02.00 p.m. | 70.2 | 91.5 | 72.4 | 68.4 |
| 02.00 p.m. - 03.00 p.m. | 72.3 | 92.4 | 74.1 | 69.7 |
| 03.00 p.m. - 04.00 p.m. | 70.1 | 92.2 | 72.4 | 68.9 |
| 04.00 p.m. - 05.00 p.m. | 71.2 | 92.7 | 72.5 | 68.1 |
| 05.00 p.m. - 06.00 p.m. | 70.8 | 92.4 | 73.5 | 69.1 |
| 06.00 p.m. - 07.00 p.m. | 70.2 | 90.3 | 72.8 | 68.7 |
| 07.00 p.m. - 08.00 p.m. | 66.4 | 86.4 | 68.9 | 64.2 |
| 08.00 p.m. - 09.00 p.m. | 62.1 | 82.1 | 63.5 | 60.1 |
| 09.00 p.m. - 10.00 p.m. | 60.2 | 80.2 | 62.4 | 58.4 |
| 10.00 p.m. - 11.00 p.m. | 57.4 | 77.4 | 59.7 | 54.6 |
| 11.00 p.m. - 00.00 a.m. | 55.7 | 75.7 | 56.8 | 53.1 |
| 00.00 a.m. - 01.00 a.m. | 54.9 | 74.9 | 56.9 | 52.4 |
| 01.00 a.m. - 02.00 a.m. | 55.9 | 75.9 | 57.0 | 53.2 |
| 02.00 a.m. - 03.00 a.m. | 56.2 | 76.2 | 57.2 | 54.1 |
| 03.00 a.m. - 04.00 a.m. | 55.0 | 75.0 | 57.3 | 52.4 |
| 04.00 a.m. - 05.00 a.m. | 54.4 | 74.4 | 57.0 | 51.6 |
| 05.00 a.m. - 06.00 a.m. | 54.8 | 74.8 | 58.1 | 51.8 |
| 06.00 a.m. - 07.00 a.m. | 54.8 | 74.8 | 58.1 | 52.1 |
| 07.00 a.m. - 08.00 a.m. | 59.2 | 94.7 | 62.1 | 57.4 |
| 08.00 a.m. - 09.00 a.m. | 66.4 | 86.8 | 68.7 | 64.3 |
| 24 Hours Average | 67.2 | - | 72.9 | 52.2 |
| Lmax | - | 94.9 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 68.1 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทโรคมานคมแห่งชาติดิจิทัล จำกัด (มหาชน)
GPS. Coordinate : 47 P 704346 E 1429410 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Sound Level
Sampling Date : 13 - 14 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|------|------|------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 62.4 | 89.3 | 64.5 | 60.1 |
| 10.00 a.m. - 11.00 a.m. | 64.3 | 91.2 | 66.4 | 62.3 |
| 11.00 a.m. - 12.00 p.m. | 63.4 | 90.3 | 65.9 | 61.2 |
| 12.00 p.m. - 01.00 p.m. | 60.3 | 87.2 | 62.8 | 58.6 |
| 01.00 p.m. - 02.00 p.m. | 62.5 | 89.4 | 64.7 | 60.3 |
| 02.00 p.m. - 03.00 p.m. | 65.3 | 92.2 | 67.1 | 63.2 |
| 03.00 p.m. - 04.00 p.m. | 63.2 | 90.1 | 65.4 | 61.8 |
| 04.00 p.m. - 05.00 p.m. | 61.4 | 88.3 | 63.2 | 58.9 |
| 05.00 p.m. - 06.00 p.m. | 62.4 | 89.3 | 64.9 | 60.3 |
| 06.00 p.m. - 07.00 p.m. | 60.0 | 86.9 | 62.8 | 58.7 |
| 07.00 p.m. - 08.00 p.m. | 59.4 | 86.3 | 61.3 | 57.2 |
| 08.00 p.m. - 09.00 p.m. | 54.7 | 81.6 | 57.2 | 52.1 |
| 09.00 p.m. - 10.00 p.m. | 54.2 | 81.1 | 57.1 | 52.3 |
| 10.00 p.m. - 11.00 p.m. | 53.4 | 80.3 | 54.9 | 51.3 |
| 11.00 p.m. - 00.00 a.m. | 53.2 | 80.1 | 55.1 | 51.2 |
| 00.00 a.m. - 01.00 a.m. | 52.4 | 79.3 | 53.9 | 50.9 |
| 01.00 a.m. - 02.00 a.m. | 52.3 | 79.2 | 54.1 | 50.3 |
| 02.00 a.m. - 03.00 a.m. | 52.6 | 79.5 | 54.2 | 51.0 |
| 03.00 a.m. - 04.00 a.m. | 52.2 | 79.1 | 54.3 | 50.2 |
| 04.00 a.m. - 05.00 a.m. | 53.4 | 80.3 | 55.1 | 51.9 |
| 05.00 a.m. - 06.00 a.m. | 53.8 | 80.7 | 55.9 | 51.3 |
| 06.00 a.m. - 07.00 a.m. | 55.2 | 82.1 | 57.8 | 53.9 |
| 07.00 a.m. - 08.00 a.m. | 59.1 | 86.0 | 61.2 | 57.8 |
| 08.00 a.m. - 09.00 a.m. | 60.6 | 87.5 | 62.2 | 58.9 |
| 24 Hours Average | 60.1 | - | 65.8 | 50.9 |
| Lmax | - | 92.2 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 62.4 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวเสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรวิวัฒน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาใต้ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704346 E 1429410 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

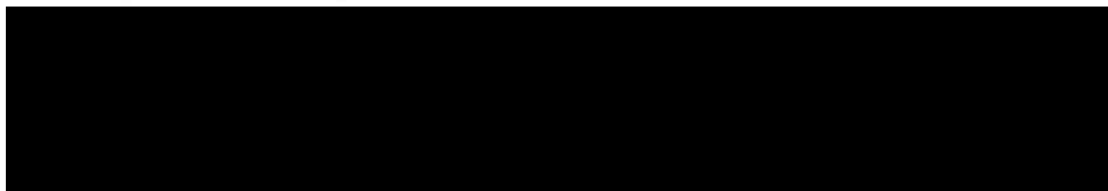
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Sound Level
Sampling Date : 14 - 15 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|------|------|------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 64.1 | 90.0 | 66.2 | 62.3 |
| 10.00 a.m. - 11.00 a.m. | 66.0 | 91.9 | 68.4 | 64.0 |
| 11.00 a.m. - 12.00 p.m. | 65.1 | 91.0 | 67.9 | 63.5 |
| 12.00 p.m. - 01.00 p.m. | 62.0 | 87.9 | 64.2 | 60.2 |
| 01.00 p.m. - 02.00 p.m. | 64.2 | 90.1 | 66.5 | 62.9 |
| 02.00 p.m. - 03.00 p.m. | 67.0 | 92.9 | 68.9 | 65.7 |
| 03.00 p.m. - 04.00 p.m. | 64.9 | 90.8 | 66.5 | 62.5 |
| 04.00 p.m. - 05.00 p.m. | 63.1 | 89.0 | 65.4 | 61.3 |
| 05.00 p.m. - 06.00 p.m. | 64.1 | 90.0 | 66.3 | 61.2 |
| 06.00 p.m. - 07.00 p.m. | 61.7 | 87.6 | 63.1 | 59.7 |
| 07.00 p.m. - 08.00 p.m. | 61.1 | 87.0 | 63.4 | 59.8 |
| 08.00 p.m. - 09.00 p.m. | 56.4 | 82.3 | 58.7 | 54.1 |
| 09.00 p.m. - 10.00 p.m. | 55.9 | 81.8 | 57.8 | 53.2 |
| 10.00 p.m. - 11.00 p.m. | 55.1 | 81.0 | 57.6 | 53.1 |
| 11.00 p.m. - 00.00 a.m. | 54.9 | 80.8 | 56.4 | 52.4 |
| 00.00 a.m. - 01.00 a.m. | 54.1 | 80.0 | 56.1 | 52.8 |
| 01.00 a.m. - 02.00 a.m. | 54.0 | 79.9 | 56.4 | 52.1 |
| 02.00 a.m. - 03.00 a.m. | 54.3 | 80.2 | 56.3 | 52.9 |
| 03.00 a.m. - 04.00 a.m. | 53.9 | 79.8 | 55.8 | 51.2 |
| 04.00 a.m. - 05.00 a.m. | 55.1 | 81.0 | 57.8 | 53.4 |
| 05.00 a.m. - 06.00 a.m. | 55.5 | 81.4 | 57.4 | 53.8 |
| 06.00 a.m. - 07.00 a.m. | 56.9 | 82.8 | 58.4 | 54.7 |
| 07.00 a.m. - 08.00 a.m. | 60.8 | 86.7 | 62.1 | 58.4 |
| 08.00 a.m. - 09.00 a.m. | 62.3 | 88.2 | 63.5 | 60.5 |
| 24 Hours Average | 61.8 | - | 67.5 | 52.5 |
| Lmax | - | 92.9 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 64.1 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704346 E 1429410 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

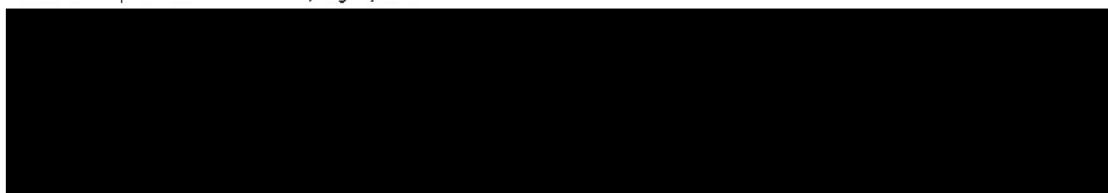
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Sound Level
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|------|------|------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 63.0 | 89.1 | 65.4 | 61.2 |
| 10.00 a.m. - 11.00 a.m. | 64.9 | 91.0 | 66.3 | 62.1 |
| 11.00 a.m. - 12.00 p.m. | 64.0 | 90.1 | 66.4 | 61.2 |
| 12.00 p.m. - 01.00 p.m. | 60.9 | 87.0 | 62.8 | 59.4 |
| 01.00 p.m. - 02.00 p.m. | 63.1 | 89.2 | 65.4 | 61.2 |
| 02.00 p.m. - 03.00 p.m. | 66.7 | 92.8 | 68.5 | 64.2 |
| 03.00 p.m. - 04.00 p.m. | 64.8 | 90.9 | 66.3 | 62.2 |
| 04.00 p.m. - 05.00 p.m. | 62.0 | 88.1 | 64.2 | 60.2 |
| 05.00 p.m. - 06.00 p.m. | 63.0 | 89.1 | 65.2 | 61.3 |
| 06.00 p.m. - 07.00 p.m. | 60.6 | 86.7 | 62.1 | 58.4 |
| 07.00 p.m. - 08.00 p.m. | 60.0 | 86.1 | 62.3 | 58.3 |
| 08.00 p.m. - 09.00 p.m. | 55.3 | 81.4 | 57.4 | 53.1 |
| 09.00 p.m. - 10.00 p.m. | 54.8 | 80.9 | 56.1 | 52.3 |
| 10.00 p.m. - 11.00 p.m. | 54.0 | 80.1 | 56.2 | 52.4 |
| 11.00 p.m. - 00.00 a.m. | 53.8 | 79.9 | 55.4 | 51.3 |
| 00.00 a.m. - 01.00 a.m. | 53.0 | 79.1 | 55.8 | 51.2 |
| 01.00 a.m. - 02.00 a.m. | 52.9 | 79.0 | 54.3 | 50.4 |
| 02.00 a.m. - 03.00 a.m. | 53.2 | 79.3 | 55.7 | 51.2 |
| 03.00 a.m. - 04.00 a.m. | 52.8 | 78.9 | 54.7 | 51.0 |
| 04.00 a.m. - 05.00 a.m. | 54.0 | 80.1 | 55.9 | 52.1 |
| 05.00 a.m. - 06.00 a.m. | 54.4 | 80.5 | 56.3 | 52.6 |
| 06.00 a.m. - 07.00 a.m. | 55.8 | 81.9 | 57.4 | 53.4 |
| 07.00 a.m. - 08.00 a.m. | 59.7 | 85.8 | 61.5 | 57.4 |
| 08.00 a.m. - 09.00 a.m. | 61.2 | 87.3 | 62.4 | 59.6 |
| 24 Hours Average | 60.9 | - | 66.3 | 51.2 |
| Lmax | - | 92.8 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 63.1 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



บริษัท อนุรักษ์นิเวศน์ จำกัด

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704337 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 13 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/3 | 13-14/05/2025 | 72.1 ^{1/} | 63.9 ^{2/} | 61.9 ^{2/} | 9.5 | 10.0 |
| S68033/5 | 14-15/05/2025 | 73.1 ^{3/} | 65.2 ^{4/} | 63.0 ^{4/} | 9.3 | 10.0 |
| S68033/7 | 15-16/05/2025 | 72.3 ^{5/} | 64.5 ^{6/} | 62.5 ^{6/} | 9.0 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 08.00 a.m. - 09.00 a.m., 14 May 2025

^{3/} Measurement on 03.00 a.m. - 04.00 a.m., 14 May 2025

^{5/} Measurement on 09.00 a.m. - 10.00 a.m., 15 May 2025

; Residual Noise Level

^{2/} Measurement on 12.35 p.m. - 12.40 p.m., 13 May 2025

^{4/} Measurement on 12.40 p.m. - 12.45 p.m., 14 May 2025

^{6/} Measurement on 12.10 p.m. - 12.15 p.m., 15 May 2025

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐภูมิเนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atrmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมแอทธาปัตย์ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704346 E 1429410 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 13 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/4 | 13-14/05/2025 | 65.3 ^{1/} | 59.9 ^{2/} | 57.4 ^{2/} | 6.4 | 10.0 |
| S68033/6 | 14-15/05/2025 | 67.0 ^{3/} | 61.5 ^{4/} | 59.5 ^{4/} | 6.1 | 10.0 |
| S68033/8 | 15-16/05/2025 | 66.7 ^{5/} | 61.1 ^{6/} | 59.3 ^{6/} | 6.0 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 02.00 p.m. - 03.00 p.m., 13 May 2025

^{3/} Measurement on 02.00 p.m. - 03.00 p.m., 14 May 2025

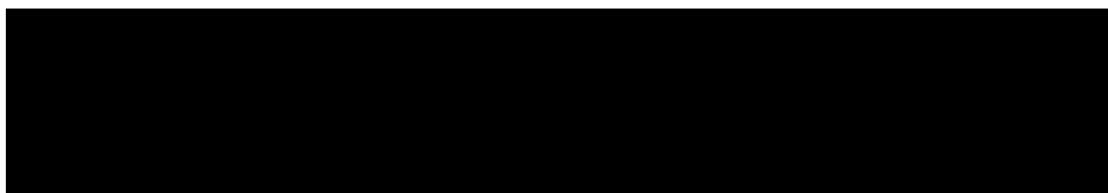
^{5/} Measurement on 02.00 p.m. - 03.00 p.m., 15 May 2025

Residual Noise Level

^{2/} Measurement on 12.30 p.m. - 12.35 p.m., 13 May 2025

^{4/} Measurement on 12.45 p.m. - 12.50 p.m., 14 May 2025

^{6/} Measurement on 12.20 p.m. - 12.25 p.m., 15 May 2025





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

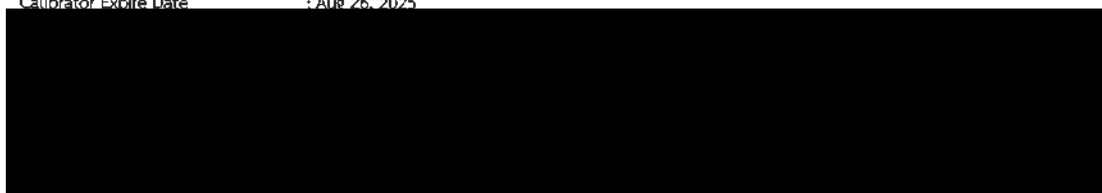
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Sound Level
Sampling Date : 10 - 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------|------|------|
| | Leg | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 70.0 | 98.3 | 72.0 | 68.4 |
| 10.00 a.m. - 11.00 a.m. | 69.6 | 95.1 | 71.0 | 67.5 |
| 11.00 a.m. - 12.00 p.m. | 66.7 | 91.3 | 68.2 | 63.7 |
| 12.00 p.m. - 01.00 a.m. | 64.5 | 94.7 | 67.4 | 61.8 |
| 01.00 p.m. - 02.00 p.m. | 69.6 | 89.9 | 72.0 | 66.8 |
| 02.00 p.m. - 03.00 p.m. | 69.7 | 91.8 | 71.8 | 67.1 |
| 03.00 p.m. - 04.00 p.m. | 71.8 | 102.2 | 73.8 | 68.9 |
| 04.00 p.m. - 05.00 p.m. | 68.8 | 92.0 | 70.6 | 65.8 |
| 05.00 p.m. - 06.00 p.m. | 70.1 | 93.5 | 71.4 | 67.8 |
| 06.00 p.m. - 07.00 p.m. | 66.9 | 87.9 | 69.2 | 64.2 |
| 07.00 p.m. - 08.00 p.m. | 67.1 | 86.1 | 70.0 | 64.3 |
| 08.00 p.m. - 09.00 p.m. | 65.5 | 84.5 | 68.0 | 63.1 |
| 09.00 p.m. - 10.00 p.m. | 66.0 | 87.4 | 67.9 | 63.5 |
| 10.00 p.m. - 11.00 p.m. | 66.2 | 90.7 | 68.0 | 63.8 |
| 11.00 p.m. - 00.00 a.m. | 66.1 | 94.6 | 67.6 | 63.5 |
| 00.00 a.m. - 01.00 a.m. | 65.3 | 88.5 | 67.4 | 62.4 |
| 01.00 a.m. - 02.00 a.m. | 66.0 | 89.2 | 67.5 | 63.5 |
| 02.00 a.m. - 03.00 a.m. | 66.2 | 88.2 | 68.4 | 63.4 |
| 03.00 a.m. - 04.00 a.m. | 67.7 | 95.9 | 68.9 | 64.7 |
| 04.00 a.m. - 05.00 a.m. | 67.1 | 93.1 | 69.7 | 64.4 |
| 05.00 a.m. - 06.00 a.m. | 65.4 | 94.9 | 68.4 | 62.3 |
| 06.00 a.m. - 07.00 a.m. | 66.6 | 89.7 | 67.8 | 64.5 |
| 07.00 a.m. - 08.00 a.m. | 68.9 | 93.9 | 70.4 | 66.4 |
| 08.00 a.m. - 09.00 a.m. | 69.4 | 95.2 | 70.8 | 67.9 |
| 24 Hours Average | 68.0 | - | 71.9 | 62.6 |
| Lmax | - | 102.2 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 73.2 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340945
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์ดินแดนชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

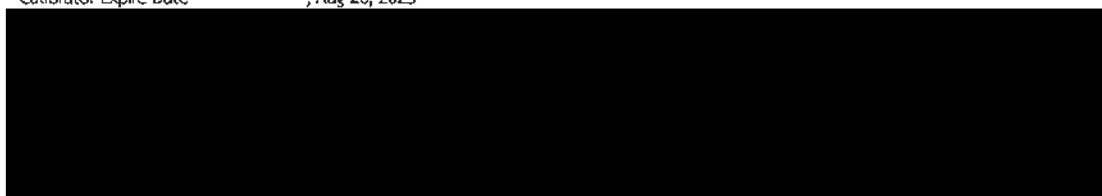
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Sound Level
Sampling Date : 11 - 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|--------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 72.3 | 94.4 | 74.5 | 69.8 |
| 10.00 a.m. - 11.00 a.m. | 70.0 | 93.2 | 72.5 | 67.4 |
| 11.00 a.m. - 12.00 p.m. | 70.3 | 97.9 | 72.8 | 67.8 |
| 12.00 p.m. - 01.00 a.m. | 64.2 | 89.5 | 66.7 | 61.2 |
| 01.00 p.m. - 02.00 p.m. | 70.2 | 93.2 | 72.1 | 67.8 |
| 02.00 p.m. - 03.00 p.m. | 68.9 | 90.9 | 70.6 | 66.5 |
| 03.00 p.m. - 04.00 p.m. | 68.4 | 87.8 | 70.6 | 65.4 |
| 04.00 p.m. - 05.00 p.m. | 70.7 | 96.6 | 72.8 | 68.7 |
| 05.00 p.m. - 06.00 p.m. | 68.8 | 91.2 | 71.8 | 65.8 |
| 06.00 p.m. - 07.00 p.m. | 71.4 | 94.4 | 73.1 | 68.9 |
| 07.00 p.m. - 08.00 p.m. | 65.4 | 91.2 | 68.4 | 62.8 |
| 08.00 p.m. - 09.00 p.m. | 66.3 | 89.4 | 68.1 | 64.2 |
| 09.00 p.m. - 10.00 p.m. | 64.4 | 80.4 | 66.7 | 62.2 |
| 10.00 p.m. - 11.00 p.m. | 65.0 | 88.1 | 66.9 | 62.5 |
| 11.00 p.m. - 00.00 a.m. | 65.6 | 89.8 | 67.1 | 63.4 |
| 00.00 a.m. - 01.00 a.m. | 66.0 | 90.6 | 67.1 | 64.2 |
| 01.00 a.m. - 02.00 a.m. | 64.7 | 84.2 | 66.9 | 61.9 |
| 02.00 a.m. - 03.00 a.m. | 65.0 | 86.9 | 67.3 | 63.2 |
| 03.00 a.m. - 04.00 a.m. | 66.8 | 92.5 | 68.3 | 63.8 |
| 04.00 a.m. - 05.00 a.m. | 67.1 | 92.8 | 69.8 | 64.9 |
| 05.00 a.m. - 06.00 a.m. | 66.2 | 90.4 | 67.5 | 63.5 |
| 06.00 a.m. - 07.00 a.m. | 66.3 | 87.9 | 68.2 | 64.2 |
| 07.00 a.m. - 08.00 a.m. | 70.3 | 91.5 | 73.2 | 67.8 |
| 08.00 a.m. - 09.00 a.m. | 71.1 | 100.8 | 73.3 | 68.4 |
| 24 Hours Average | 68.4 | - | 73.2 | 62.3 |
| Lmax | - | 100.8 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 73.1 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLIM Model and Serial No. ; ST-25D and 10340945
Calibrator Model and Serial No. ; KSM-42C and S/N 160100568
Calibrator Expire Date ; Aug 26, 2025



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามาย์ พัทยาใต้
 (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Sound Level
Sampling Date : 12 – 13 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|--------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 72.9 | 104.7 | 75.5 | 70.1 |
| 10.00 a.m. - 11.00 a.m. | 69.8 | 96.4 | 71.6 | 67.5 |
| 11.00 a.m. - 12.00 p.m. | 68.3 | 90.6 | 70.6 | 65.3 |
| 12.00 p.m. - 01.00 a.m. | 65.4 | 89.6 | 68.2 | 63.0 |
| 01.00 p.m. - 02.00 p.m. | 70.7 | 94.9 | 73.8 | 67.9 |
| 02.00 p.m. - 03.00 p.m. | 70.5 | 90.6 | 72.9 | 67.5 |
| 03.00 p.m. - 04.00 p.m. | 69.2 | 98.5 | 71.2 | 67.5 |
| 04.00 p.m. - 05.00 p.m. | 70.1 | 93.2 | 71.9 | 67.5 |
| 05.00 p.m. - 06.00 p.m. | 71.2 | 94.2 | 72.6 | 69.1 |
| 06.00 p.m. - 07.00 p.m. | 68.9 | 89.1 | 71.6 | 66.5 |
| 07.00 p.m. - 08.00 p.m. | 68.8 | 87.5 | 71.0 | 66.1 |
| 08.00 p.m. - 09.00 p.m. | 70.5 | 95.5 | 72.5 | 68.2 |
| 09.00 p.m. - 10.00 p.m. | 65.4 | 87.8 | 67.5 | 62.4 |
| 10.00 p.m. - 11.00 p.m. | 65.2 | 86.0 | 67.2 | 63.3 |
| 11.00 p.m. - 00.00 a.m. | 65.4 | 92.3 | 67.4 | 62.6 |
| 00.00 a.m. - 01.00 a.m. | 64.7 | 84.6 | 66.9 | 62.5 |
| 01.00 a.m. - 02.00 a.m. | 65.1 | 88.5 | 66.6 | 63.5 |
| 02.00 a.m. - 03.00 a.m. | 67.2 | 94.9 | 67.8 | 64.2 |
| 03.00 a.m. - 04.00 a.m. | 67.5 | 89.9 | 69.5 | 65.3 |
| 04.00 a.m. - 05.00 a.m. | 65.4 | 87.3 | 67.0 | 63.1 |
| 05.00 a.m. - 06.00 a.m. | 69.5 | 87.2 | 70.1 | 67.3 |
| 06.00 a.m. - 07.00 a.m. | 67.7 | 89.9 | 69.4 | 64.4 |
| 07.00 a.m. - 08.00 a.m. | 69.4 | 91.0 | 71.1 | 67.5 |
| 08.00 a.m. - 09.00 a.m. | 71.2 | 100.4 | 73.5 | 68.4 |
| 24 Hours Average | 68.9 | - | 73.3 | 62.7 |
| Lmax | - | 104.7 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 73.7 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. ; ST-25D and 10340945
 Calibrator Model and Serial No. ; KSM-42C and S/N 160100568
 Calibrator Expire Date ; Aug 26, 2025

Reviewed Signatory

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704323 E 1429398 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

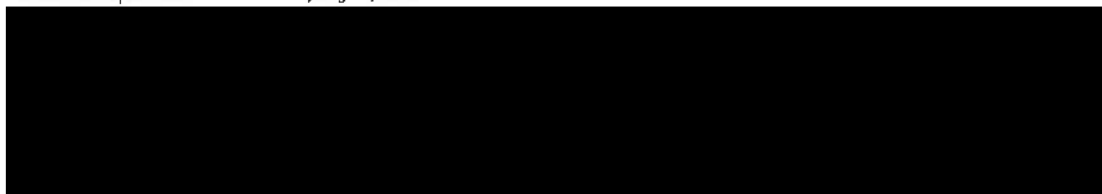
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Sound Level
Sampling Date : 10 - 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|------|------|------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 60.1 | 85.4 | 62.8 | 58.4 |
| 10.00 a.m. - 11.00 a.m. | 60.3 | 85.6 | 62.5 | 58.6 |
| 11.00 a.m. - 12.00 p.m. | 61.2 | 86.5 | 63.9 | 59.6 |
| 12.00 p.m. - 01.00 p.m. | 58.5 | 83.8 | 60.8 | 56.6 |
| 01.00 p.m. - 02.00 p.m. | 60.2 | 85.5 | 62.5 | 58.1 |
| 02.00 p.m. - 03.00 p.m. | 62.4 | 87.7 | 64.5 | 60.2 |
| 03.00 p.m. - 04.00 p.m. | 63.8 | 89.1 | 65.9 | 61.9 |
| 04.00 p.m. - 05.00 p.m. | 64.2 | 89.5 | 66.5 | 62.7 |
| 05.00 p.m. - 06.00 p.m. | 63.5 | 82.6 | 65.8 | 61.2 |
| 06.00 p.m. - 07.00 p.m. | 62.5 | 80.4 | 64.2 | 60.5 |
| 07.00 p.m. - 08.00 p.m. | 61.8 | 81.6 | 63.5 | 59.7 |
| 08.00 p.m. - 09.00 p.m. | 60.8 | 77.5 | 62.3 | 58.7 |
| 09.00 p.m. - 10.00 p.m. | 59.7 | 76.9 | 60.9 | 56.7 |
| 10.00 p.m. - 11.00 p.m. | 59.4 | 78.4 | 61.2 | 58.1 |
| 11.00 p.m. - 00.00 a.m. | 58.4 | 72.5 | 60.3 | 56.2 |
| 00.00 a.m. - 01.00 a.m. | 58.3 | 76.5 | 60.8 | 56.4 |
| 01.00 a.m. - 02.00 a.m. | 58.2 | 71.4 | 60.9 | 55.8 |
| 02.00 a.m. - 03.00 a.m. | 58.4 | 70.3 | 60.7 | 55.9 |
| 03.00 a.m. - 04.00 a.m. | 57.8 | 72.6 | 59.4 | 55.2 |
| 04.00 a.m. - 05.00 a.m. | 57.6 | 73.5 | 59.6 | 55.1 |
| 05.00 a.m. - 06.00 a.m. | 57.4 | 77.4 | 59.4 | 55.2 |
| 06.00 a.m. - 07.00 a.m. | 58.9 | 76.5 | 60.2 | 56.7 |
| 07.00 a.m. - 08.00 a.m. | 58.7 | 84.0 | 60.2 | 56.4 |
| 08.00 a.m. - 09.00 a.m. | 59.8 | 85.1 | 61.8 | 57.5 |
| 24 Hours Average | 60.6 | - | 65.4 | 55.4 |
| Lmax | - | 89.5 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 65.3 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



Reviewed Signatory

Prepared Signatory

บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์ดินแดนชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704323 E 1429398 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

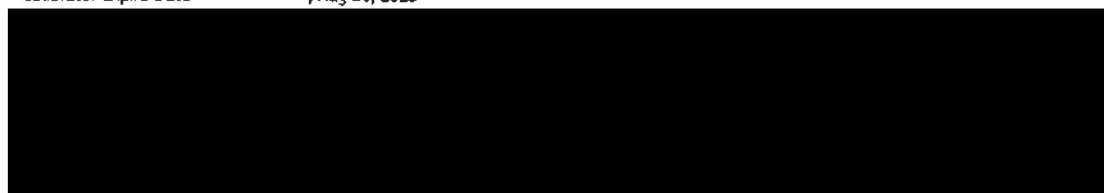
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Sound Level
Sampling Date : 11 - 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|------|------|------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 60.1 | 88.9 | 62.5 | 58.4 |
| 10.00 a.m. - 11.00 a.m. | 60.4 | 89.2 | 62.8 | 58.4 |
| 11.00 a.m. - 12.00 p.m. | 64.8 | 89.3 | 67.5 | 62.5 |
| 12.00 p.m. - 01.00 p.m. | 58.7 | 87.5 | 60.3 | 56.5 |
| 01.00 p.m. - 02.00 p.m. | 59.7 | 88.5 | 61.8 | 57.1 |
| 02.00 p.m. - 03.00 p.m. | 60.4 | 89.2 | 62.4 | 58.1 |
| 03.00 p.m. - 04.00 p.m. | 60.2 | 89.0 | 62.8 | 58.2 |
| 04.00 p.m. - 05.00 p.m. | 60.1 | 88.9 | 62.5 | 58.4 |
| 05.00 p.m. - 06.00 p.m. | 59.4 | 78.6 | 61.4 | 56.5 |
| 06.00 p.m. - 07.00 p.m. | 58.6 | 80.4 | 60.2 | 56.4 |
| 07.00 p.m. - 08.00 p.m. | 58.2 | 76.5 | 60.5 | 56.3 |
| 08.00 p.m. - 09.00 p.m. | 57.4 | 79.2 | 60.2 | 54.5 |
| 09.00 p.m. - 10.00 p.m. | 56.5 | 75.1 | 58.9 | 54.5 |
| 10.00 p.m. - 11.00 p.m. | 55.4 | 74.5 | 57.7 | 53.5 |
| 11.00 p.m. - 00.00 a.m. | 55.2 | 78.6 | 57.8 | 53.2 |
| 00.00 a.m. - 01.00 a.m. | 53.2 | 74.6 | 55.6 | 51.2 |
| 01.00 a.m. - 02.00 a.m. | 53.1 | 72.5 | 55.3 | 51.4 |
| 02.00 a.m. - 03.00 a.m. | 52.9 | 73.1 | 55.4 | 50.8 |
| 03.00 a.m. - 04.00 a.m. | 53.1 | 74.5 | 55.7 | 51.2 |
| 04.00 a.m. - 05.00 a.m. | 53.2 | 77.6 | 55.2 | 51.3 |
| 05.00 a.m. - 06.00 a.m. | 53.1 | 72.5 | 55.9 | 51.2 |
| 06.00 a.m. - 07.00 a.m. | 56.7 | 73.6 | 58.9 | 54.2 |
| 07.00 a.m. - 08.00 a.m. | 58.4 | 87.2 | 60.1 | 56.4 |
| 08.00 a.m. - 09.00 a.m. | 59.7 | 88.5 | 62.1 | 56.7 |
| 24 Hours Average | 58.6 | - | 62.7 | 51.2 |
| Lmax | - | 89.3 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 62.1 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



Reviewed Signatory

นายพ ทัดเทพ วัฒนโรจนเนนท จาเนด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมนอทมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมเนชั่นแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704323 E 1429398 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

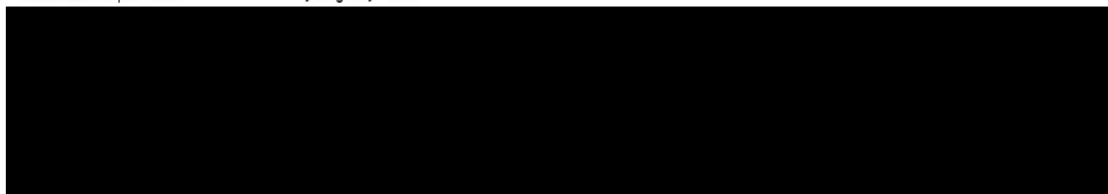
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Sound Level
Sampling Date : 12 - 13 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : Sound Level Meter

| Interval Time | Result (dB(A)) | | | |
|-------------------------|----------------|-------------|-------------|-------------|
| | Leq | Lmax | L10 | L90 |
| 09.00 a.m. - 10.00 a.m. | 60.5 | 86.4 | 62.4 | 58.6 |
| 10.00 a.m. - 11.00 a.m. | 61.2 | 87.1 | 63.5 | 59.8 |
| 11.00 a.m. - 12.00 p.m. | 61.2 | 87.1 | 63.4 | 59.6 |
| 12.00 p.m. - 01.00 p.m. | 59.8 | 85.7 | 61.2 | 57.4 |
| 01.00 p.m. - 02.00 p.m. | 65.1 | 91.0 | 67.9 | 62.3 |
| 02.00 p.m. - 03.00 p.m. | 64.2 | 90.1 | 66.5 | 61.3 |
| 03.00 p.m. - 04.00 p.m. | 62.1 | 88.0 | 64.9 | 60.5 |
| 04.00 p.m. - 05.00 p.m. | 60.2 | 86.1 | 62.5 | 58.6 |
| 05.00 p.m. - 06.00 p.m. | 60.8 | 80.5 | 62.3 | 58.1 |
| 06.00 p.m. - 07.00 p.m. | 60.1 | 77.2 | 62.5 | 58.2 |
| 07.00 p.m. - 08.00 p.m. | 59.8 | 76.5 | 61.5 | 56.4 |
| 08.00 p.m. - 09.00 p.m. | 59.7 | 71.5 | 61.8 | 56.8 |
| 09.00 p.m. - 10.00 p.m. | 59.2 | 78.6 | 61.4 | 56.2 |
| 10.00 p.m. - 11.00 p.m. | 58.6 | 74.3 | 60.3 | 55.8 |
| 11.00 p.m. - 00.00 a.m. | 58.4 | 72.5 | 60.5 | 55.4 |
| 00.00 a.m. - 01.00 a.m. | 58.2 | 76.5 | 60.3 | 55.9 |
| 01.00 a.m. - 02.00 a.m. | 58.1 | 74.8 | 60.4 | 55.1 |
| 02.00 a.m. - 03.00 a.m. | 57.9 | 78.5 | 59.8 | 54.7 |
| 03.00 a.m. - 04.00 a.m. | 57.8 | 76.3 | 59.4 | 54.6 |
| 04.00 a.m. - 05.00 a.m. | 57.8 | 72.5 | 59.6 | 54.8 |
| 05.00 a.m. - 06.00 a.m. | 58.4 | 74.5 | 60.5 | 55.8 |
| 06.00 a.m. - 07.00 a.m. | 58.9 | 73.8 | 60.3 | 53.2 |
| 07.00 a.m. - 08.00 a.m. | 59.1 | 85.0 | 61.5 | 56.8 |
| 08.00 a.m. - 09.00 a.m. | 59.8 | 85.7 | 61.8 | 57.4 |
| 24 Hours Average | 60.3 | - | 64.5 | 54.7 |
| Lmax | - | 91.0 | - | - |
| Standard | ≤70 | ≤115 | - | - |
| Ldn | 65.2 | - | - | - |

Standard : Notification of the National Environment Board, No.15, B.E. 2540 (1997), dated March 12, B.E. 2540 (1997), which was published in the Royal Government Gazette, Vol.114, Part 27D dated April 3, B.E. 2540 (1997).

Remark : SLM Model and Serial No. : ST-25D and 10340943
Calibrator Model and Serial No. : KSM-42C and S/N 160100568
Calibrator Expire Date : Aug 26, 2025



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
 Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
 (Atmind Hotel South Pattaya)
 Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
 Sampling Point : พื้นที่โครงการ
 GPS. Coordinate : 47 P 704330 E 1429363 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
 Sample Type : Annoyance Level
 Sampling Date : 10 – 13 June 2025
 Received Date : 18 June 2025
 Analytical Date : 18 – 26 June 2025
 Report Date : 27 June 2025
 Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/2 | 10-11/06/2025 | 71.8 ^{1/} | 63.5 ^{2/} | 61.2 ^{2/} | 9.9 | 10.0 |
| S68033/4 | 11-12/06/2025 | 72.3 ^{3/} | 64.4 ^{4/} | 61.7 ^{4/} | 9.8 | 10.0 |
| S68033/6 | 12-13/06/2025 | 72.9 ^{5/} | 65.0 ^{6/} | 62.3 ^{6/} | 9.8 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 03.00 a.m. - 04.00 p.m., 10 June 2025

^{3/} Measurement on 09.00 a.m. - 10.00 a.m., 11 June 2025

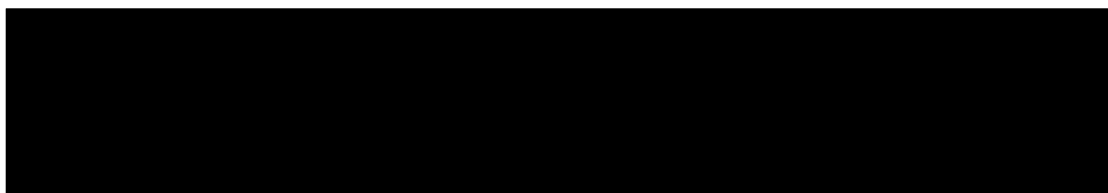
^{5/} Measurement on 09.00 a.m. - 10.00 a.m., 12 June 2025

; Residual Noise Level

^{2/} Measurement on 12.10 p.m. - 12.15 p.m., 10 June 2025

^{4/} Measurement on 12.15 p.m. - 12.20 p.m., 11 June 2025

^{6/} Measurement on 12.55 p.m. - 01.00 p.m., 12 June 2025



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิคมชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนิคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704323 E 1429398 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample Type : Annoyance Level
Sampling Date : 10 – 13 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Sound Level Meter

| Sample No. | Sampling Date | Specific Noise Level : L_{eq} | Residual Noise Level : L_{eq} | Background Noise Level : L_{90} | The Values of Annoyance Level | Standard |
|------------|---------------|------------------------------------|------------------------------------|--------------------------------------|----------------------------------|----------|
| S68033/3 | 10-11/06/2025 | 64.2 ^{1/} | 58.1 ^{2/} | 56.7 ^{2/} | 6.3 | 10.0 |
| S68033/5 | 11-12/06/2025 | 64.8 ^{3/} | 59.0 ^{4/} | 57.2 ^{4/} | 6.3 | 10.0 |
| S68033/7 | 12-13/06/2025 | 65.1 ^{5/} | 59.4 ^{6/} | 57.5 ^{6/} | 6.2 | 10.0 |

Standard : Notification of the National Environment Board, No.29, B.E. 2550 (2007), dated June 29, B.E. 2550 (2007), which was published in the Royal Government Gazette, Vol.124, Part 98D dated August, B.E. 2550 (2007).

Remark : Unit of Measurement is dB(A)

Specific Noise Level

^{1/} Measurement on 04.00 a.m. - 05.00 p.m., 10 June 2025

^{3/} Measurement on 11.00 a.m. - 12.00 p.m., 11 June 2025

^{5/} Measurement on 01.00 p.m. - 02.00 p.m., 1012 June 2025

; Residual Noise Level

^{2/} Measurement on 12.20 p.m. - 12.25 p.m., 10 June 2025

^{4/} Measurement on 12.50 p.m. - 12.55 p.m., 11 June 2025

^{6/} Measurement on 12.20 p.m. - 12.25 p.m., 12 June 2025

ภาคผนวก ง3

ความสันสะท้อน



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิคมชั้น จำกัด
Project Name : โครงการ โรงแรมแอทธาไฮด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704255 E 1429258 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Vibration
Sampling Date : 14 – 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 02.00 p.m. - 03.00 p.m. | 0.252 | 2.2 | 1.750 | 2.9 | 0.213 | 3.7 | $f \leq 10$ | 5.000 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | 0.142 | <1.0 | 0.536 | 3.3 | 0.188 | 1.6 | $f \leq 10$ | 5.000 |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.158 | 3.6 | 0.504 | 4.5 | 0.142 | 2.5 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | 0.158 | 2.8 | 0.504 | 3.7 | 0.110 | 2.8 | $f < 10$ | 5.000 |
| 11.00 a.m. - 12.00 p.m. | 0.244 | 2.5 | 2.530 | 3.6 | 0.197 | 3.4 | $f < 10$ | 5.000 |
| 12.00 p.m. - 01.00 p.m. | 0.252 | 2.2 | 1.498 | 4.3 | 0.197 | 2.9 | $f < 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | 0.252 | 2.3 | 1.758 | 3.3 | 0.213 | 3.6 | $f < 10$ | 5.000 |
| 24 Hour Maximum | - | - | 2.530 | 3.6 | - | - | $f < 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704255 E 1429258 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

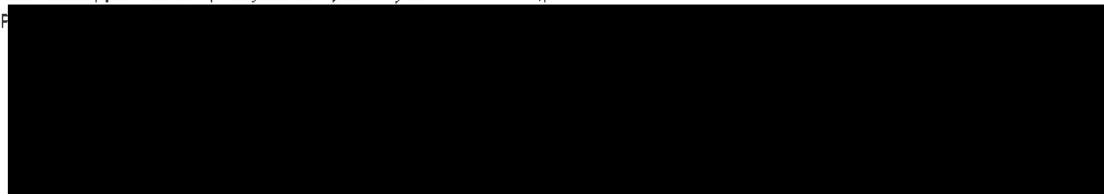
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Vibration
Sampling Date : 15 - 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 02.00 p.m. - 03.00 p.m. | 0.528 | 4.9 | 0.386 | 4.8 | 1.860 | 5.1 | $f \leq 10$ | 5.000 |
| 03.00 p.m. - 04.00 p.m. | 0.276 | <1.0 | 0.544 | >100 | 0.173 | 7.2 | $f > 100$ | 20.000 |
| 04.00 p.m. - 05.00 p.m. | 0.181 | 3.8 | 0.118 | 3.6 | 0.363 | 5.8 | $f \leq 10$ | 5.000 |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 a.m. - 11.00 a.m. | 0.457 | 4.7 | 0.418 | 4.5 | 1.821 | 5.1 | $f \leq 10$ | 5.000 |
| 11.00 a.m. - 12.00 p.m. | 0.481 | 5.1 | 0.339 | 5.0 | 1.687 | 5.6 | $f \leq 10$ | 5.000 |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | 0.449 | 5.1 | 0.292 | 5.3 | 1.442 | 5.3 | $f \leq 10$ | 5.000 |
| 24 Hour Maximum | - | - | - | - | 1.860 | 5.1 | $f \leq 10$ | 5.000 |

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).



Reviewed Signatory: TNP ENVIRONMENT CO.,LTD. Approved Signatory
บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์ดินแดนชั้น จำกัด
Project Name : โครงการ โรงแรมนอทยาใต้ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704255 E 1429258 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

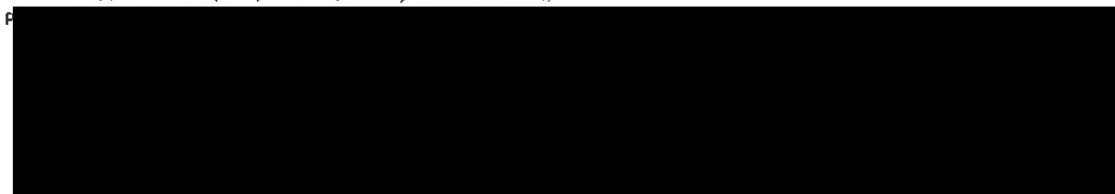
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Vibration
Sampling Date : 16 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | 0.173 | <1.0 | 0.134 | <1.0 | 0.335 | 5.6 | $f \leq 10$ | 5.000 |
| 07.00 a.m. - 08.00 a.m. | 0.670 | 23.0 | 0.983 | 57.0 | 0.591 | 32.0 | $50 < f \leq 100$ | 15.700 |
| 08.00 a.m. - 09.00 a.m. | 0.426 | 1.5 | 1.576 | 51.0 | 0.315 | 85.0 | $50 < f \leq 100$ | 15.100 |
| 09.00 a.m. - 10.00 a.m. | 0.276 | 10.0 | 0.670 | 64.0 | 0.244 | 73.0 | $50 < f \leq 100$ | 16.400 |
| 10.00 a.m. - 11.00 a.m. | 0.236 | 43.0 | 0.410 | 43.0 | 0.229 | 73.0 | $10 < f \leq 50$ | 13.250 |
| 11.00 a.m. - 12.00 p.m. | 0.205 | <1.0 | 0.394 | <1.0 | 0.118 | 9.0 | $f \leq 10$ | 5.000 |
| 12.00 p.m. - 01.00 p.m. | 0.315 | 5.2 | 0.197 | 5.3 | 1.167 | 6.0 | $f \leq 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | 0.229 | 4.7 | 0.110 | 5.4 | 0.489 | 5.8 | $f \leq 10$ | 5.000 |
| 24 Hour Maximum | - | - | 1.576 | 51.0 | - | - | $50 < f \leq 100$ | 15.100 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).



Approved Signatory

บริษัท อนุรักษ์ดินแดนชั้น จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704350 E 1429405 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

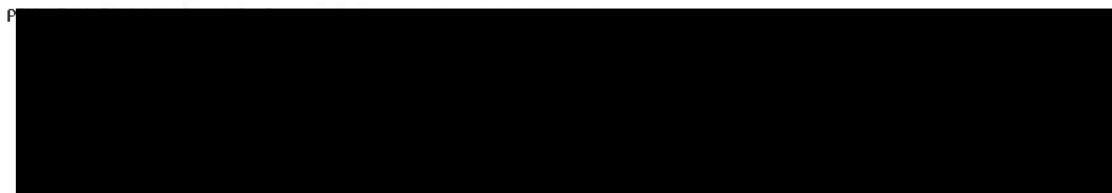
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Vibration
Sampling Date : 14 – 15 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | 0.158 | <1.0 | 1.048 | 5.1 | 0.173 | 4.0 | $f \leq 10$ | 5.000 |
| 11.00 p.m. - 00.00 a.m. | 0.189 | 1.8 | 0.623 | 4.4 | 0.134 | 7.6 | $f \leq 10$ | 5.000 |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.268 | 3.5 | 1.466 | 2.9 | 0.158 | 2.3 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | 0.205 | 2.1 | 0.560 | 3.6 | 0.166 | 3.0 | $f \leq 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 1.466 | 2.9 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),



Signature of TNP ENVIRONMENT CO.,LTD. Approved Signatory
บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท นวัตกรรมนิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมเนชั่นแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704350 E 1429405 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

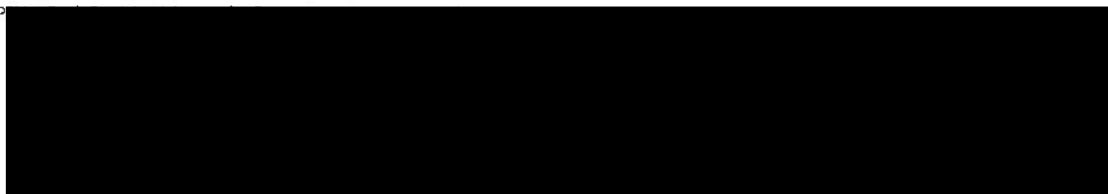
Report No. : S68033
Sample No. : S68033/5
Sample Type : Vibration
Sampling Date : 15 - 16 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 02.00 p.m. - 03.00 p.m. | 0.213 | 1.9 | 1.096 | 3.9 | 0.205 | 3.6 | $f \leq 10$ | 5.000 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | 0.221 | 1.9 | 1.111 | 3.9 | 0.158 | 3.1 | $f \leq 10$ | 5.000 |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.189 | 1.9 | 1.088 | 3.7 | 0.166 | 2.3 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | 0.197 | 1.5 | 0.914 | 3.1 | 0.150 | 1.8 | $f \leq 10$ | 5.000 |
| 11.00 a.m. - 12.00 p.m. | 0.323 | 3.5 | 0.631 | 1.2 | 0.339 | 3.6 | $f \leq 10$ | 5.000 |
| 12.00 p.m. - 01.00 p.m. | 0.205 | 2.2 | 0.962 | 3.0 | 0.166 | 2.8 | $f \leq 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 1.111 | 3.9 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

P



Authorized Signatory

TNP ENVIRONMENT CO.,LTD.
บริษัท นวัตกรรมนิเวศน์ จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704350 E 1429405 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

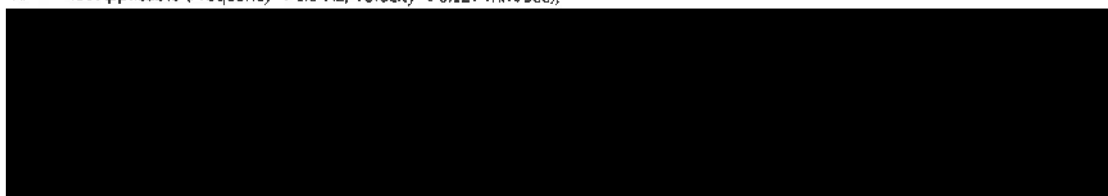
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Vibration
Sampling Date : 16 - 17 January 2025
Received Date : 20 January 2025
Analytical Date : 20 - 22 January 2025
Report Date : 23 January 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | 0.229 | 2.5 | 0.938 | 2.9 | 0.158 | 2.6 | $f \leq 10$ | 5.000 |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.221 | 2.8 | 0.938 | 4.9 | 0.181 | 5.1 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | 0.206 | <1.0 | 1.301 | 3.5 | 0.166 | 2.5 | $f \leq 10$ | 5.000 |
| 12.00 p.m. - 01.00 p.m. | 0.189 | 2.5 | 0.757 | 3.0 | 0.142 | 3.6 | $f \leq 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 1.301 | 3.5 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).



Reviewed Signatory

TNP ENVIRONMENT CO.,LTD.
บริษัท ณัฐวุฒิแมนชั่น จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวดีเนชั่น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704304 E 1429339 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Vibration
Sampling Date : 01 – 02 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | | |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | 0.221 | 2.2 | 1.356 | 4.1 | 0.213 | 3.3 | $f \leq 10$ | 5.000 |
| 03.00 p.m. - 04.00 p.m. | 0.268 | 3.0 | 1.293 | 4.5 | 0.347 | 4.1 | $f \leq 10$ | 5.000 |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | 0.197 | <1.0 | 1.025 | 3.4 | 0.150 | 2.1 | $f \leq 10$ | 5.000 |
| 08.00 p.m. - 09.00 p.m. | 0.260 | 1.9 | 0.607 | 3.7 | 0.173 | 1.9 | $f \leq 10$ | 5.000 |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | 0.166 | <1.0 | 0.504 | 4.2 | 0.181 | 2.4 | $f \leq 10$ | 5.000 |
| 01.00 a.m. - 02.00 a.m. | 0.181 | <1.0 | 0.575 | 4.0 | 0.142 | 1.9 | $f \leq 10$ | 5.000 |
| 02.00 a.m. - 03.00 a.m. | 0.189 | <1.0 | 0.544 | 4.9 | 0.166 | 1.8 | $f \leq 10$ | 5.000 |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 1.356 | 4.1 | - | - | $f < 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).

Reviewed Signatory: 
บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิคมขั้น จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704304 E 1429339 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Vibration
Sampling Date : 02 – 03 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | 0.229 | 9.5 | 0.063 | 4.2 | 0.544 | 11.0 | 10 < f ≤ 50 | 5.250 |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 0.686 | 7.6 | 0.102 | <1.0 | 0.780 | 5.9 | f ≤ 10 | 5.000 |
| 09.00 a.m. - 10.00 a.m. | 2.002 | 39.0 | 0.102 | <1.0 | 2.081 | 34.0 | 10 < f ≤ 50 | 11.000 |
| 10.00 a.m. - 11.00 a.m. | 0.891 | 7.1 | 0.087 | <1.0 | 1.655 | 7.4 | f ≤ 10 | 5.000 |
| 11.00 a.m. - 12.00 p.m. | 0.891 | 30.0 | 0.087 | <1.0 | 1.017 | 9.8 | f ≤ 10 | 5.000 |
| 24 Hour Maximum | - | - | - | - | 2.081 | 34.0 | 10 < f ≤ 50 | 11.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).

Reviewed Signatory
บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรวิวัฒน์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704304 E 1429339 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Vibration
Sampling Date : 03 – 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | 0.347 | 5.6 | 0.055 | 39.0 | 0.512 | 8.1 | $f \leq 10$ | 5.000 |
| 02.00 p.m. - 03.00 p.m. | 0.899 | 21.0 | 0.055 | 28.0 | 0.946 | 6.2 | $f \leq 10$ | 5.000 |
| 03.00 p.m. - 04.00 p.m. | 0.599 | 11.0 | 0.055 | 18.0 | 0.678 | 7.8 | $f \leq 10$ | 5.000 |
| 04.00 p.m. - 05.00 p.m. | 0.457 | 10.0 | 0.236 | 19.0 | 0.875 | 11.0 | $10 < f \leq 50$ | 5.250 |
| 05.00 p.m. - 06.00 p.m. | 1.167 | 37.0 | 0.552 | 14.0 | 1.687 | 28.0 | $10 < f \leq 50$ | 9.500 |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 0.410 | 10.0 | 0.221 | 9.1 | 0.599 | 9.5 | $f \leq 10$ | 5.000 |
| 09.00 a.m. - 10.00 a.m. | 0.497 | 2.9 | 0.213 | 12.0 | 0.938 | 4.6 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | - | - | 1.687 | 28.0 | $10 < f \leq 100$ | 9.500 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).

Reviewed Signatory

TNP ENVIRONMENT CO.,LTD.
บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429408 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

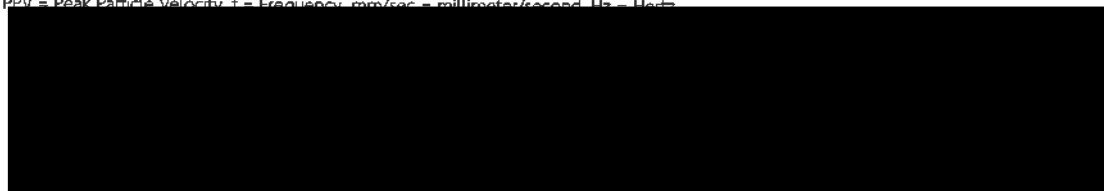
Report No. : S68033
Sample No. : S68033/4
Sample Type : Vibration
Sampling Date : 01 – 02 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | 0.205 | 2.1 | 0.977 | 3.6 | 0.181 | 2.8 | $f \leq 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | 0.189 | <1.0 | 0.820 | 4.2 | 0.197 | 4.1 | $f \leq 10$ | 5.000 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | 0.189 | <1.0 | 0.725 | 3.3 | 0.189 | 2.4 | $f \leq 10$ | 5.000 |
| 11.00 p.m. - 00.00 a.m. | 0.173 | <1.0 | 0.591 | 4.8 | 0.158 | 1.5 | $f \leq 10$ | 5.000 |
| 00.00 a.m. - 01.00 a.m. | 0.173 | <1.0 | 0.560 | 4.2 | 0.166 | 3.4 | $f \leq 10$ | 5.000 |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | 0.197 | <1.0 | 0.560 | 3.5 | 0.142 | 1.1 | $f \leq 10$ | 5.000 |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 0.977 | 3.6 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

PPV = Peak Particle Velocity f = Frequency, mm/sec = millimeter/second, Hz = Hertz



บริษัท ญัฐวุฒิแมนชั่น จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์ 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรดุสิตแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาดท์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429408 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : 568033
Sample No. : 568033/6
Sample Type : Vibration
Sampling Date : 02 – 03 February 2025
Received Date : 10 February 2025
Analytical Date : 10 – 12 February 2025
Report Date : 13 February 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | 0.205 | 2.4 | 1.419 | 4.3 | 0.292 | 3.7 | $f \leq 10$ | 5.000 |
| 04.00 p.m. - 05.00 p.m. | 0.205 | 1.9 | 0.788 | 3.1 | 0.150 | <1.0 | $f \leq 10$ | 5.000 |
| 05.00 p.m. - 06.00 p.m. | 0.205 | <1.0 | 0.922 | 3.8 | 0.189 | 2.0 | $f \leq 10$ | 5.000 |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | 0.189 | 2.1 | 0.859 | 3.6 | 0.173 | 3.0 | $f \leq 10$ | 5.000 |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | 0.181 | <1.0 | 0.591 | 4.0 | 0.126 | 2.3 | $f \leq 10$ | 5.000 |
| 00.00 a.m. - 01.00 a.m. | 0.173 | <1.0 | 0.567 | 2.9 | 0.142 | 2.6 | $f \leq 10$ | 5.000 |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | 0.181 | 1.6 | 0.646 | 3.0 | 0.166 | 2.5 | $f \leq 10$ | 5.000 |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.229 | 2.1 | 0.552 | 3.1 | 0.181 | 2.6 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 1.419 | 4.3 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

Reviewed Signatory

TNP ENVIRONMENT CO.,LTD.
บริษัท ทีเอ็นพี เอ็นvironment จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์แม่นซัน จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429408 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Vibration
Sampling Date : 03 - 04 February 2025
Received Date : 10 February 2025
Analytical Date : 10 - 12 February 2025
Report Date : 13 February 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 11.00 a.m. - 12.00 p.m. | 0.284 | <1.0 | 1.584 | 43.0 | 0.197 | 51.0 | 10 < f ≤ 50 | 13.250 |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | 0.236 | 2.3 | 0.851 | 3.6 | 0.166 | 2.2 | f ≤ 10 | 5.000 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | 0.221 | <1.0 | 0.851 | 3.6 | 0.158 | 2.4 | f ≤ 10 | 5.000 |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | 0.173 | <1.0 | 0.638 | 3.1 | 0.126 | 85.0 | f ≤ 10 | 5.000 |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | 0.173 | <1.0 | 0.520 | 5.0 | 0.150 | 2.1 | f ≤ 10 | 5.000 |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | 0.158 | 57.0 | 0.733 | >100 | 0.110 | 7.3 | f > 100 | 20.000 |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 a.m. - 11.00 a.m. | 0.166 | <1.0 | 0.583 | 3.2 | 0.166 | 2.8 | f ≤ 10 | 5.000 |
| 24 Hour Maximum | - | - | 1.584 | 43.0 | - | - | 10 < f ≤ 50 | 13.250 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).



TNP ENVIRONMENT CO.,LTD.
บริษัท อนุรักษ์แม่นซัน จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวเสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429383 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Vibration
Sampling Date : 17 – 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | 0.331 | 4.2 | 1.135 | 4.5 | 0.536 | 5.0 | $f \leq 10$ | 5.000 |
| 12.00 p.m. - 01.00 p.m. | 0.355 | 3.0 | 1.815 | 3.5 | 0.315 | 9.7 | $f \leq 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | 0.205 | <1.0 | 0.788 | 57.0 | 0.300 | 57.0 | $50 < f \leq 100$ | 15.700 |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | 0.181 | <1.0 | 0.678 | 3.7 | 0.150 | 3.2 | $f \leq 10$ | 5.000 |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | 0.205 | <1.0 | 0.599 | 3.5 | 0.142 | 1.6 | $f \leq 10$ | 5.000 |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 0.260 | <1.0 | 1.056 | 5.1 | 0.268 | 5.4 | $f \leq 10$ | 5.000 |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 1.815 | 3.5 | - | - | $f < 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท นิรุติเนนชั่น จำกัด
 Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
 (Atmind Hotel South Pattaya)
 Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
 Sampling Point : พื้นที่โครงการ
 GPS. Coordinate : 47 P 704330 E 1429383 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

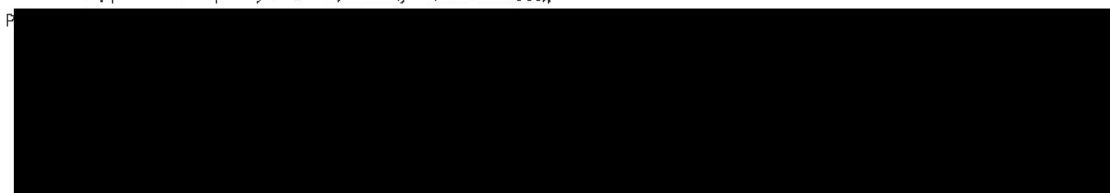
Data Provided by Laboratory

Report No. : S68033
 Sample No. : S68033/5
 Sample Type : Vibration
 Sampling Date : 18 – 19 March 2025
 Received Date : 24 March 2025
 Analytical Date : 24 – 26 March 2025
 Report Date : 27 March 2025
 Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | 0.292 | 9.0 | 0.757 | 11.0 | 0.134 | 1.8 | $10 < f \leq 50$ | 5.250 |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | 0.166 | <1.0 | 0.467 | 3.0 | 0.110 | <1.0 | $f \leq 10$ | 5.000 |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | 0.323 | 73.0 | 0.725 | 64.0 | 0.189 | 19.0 | $50 < f \leq 100$ | 16.400 |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | 0.173 | <1.0 | 0.552 | 5.8 | 0.126 | 2.1 | $f \leq 10$ | 5.000 |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.276 | 3.8 | 1.214 | 5.0 | 0.221 | 4.6 | $f \leq 10$ | 5.000 |
| 24 Hour Maximum | - | - | 1.214 | 5.0 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),



บริษัท นิรุติเนนชั่น จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐพัฒน์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429383 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

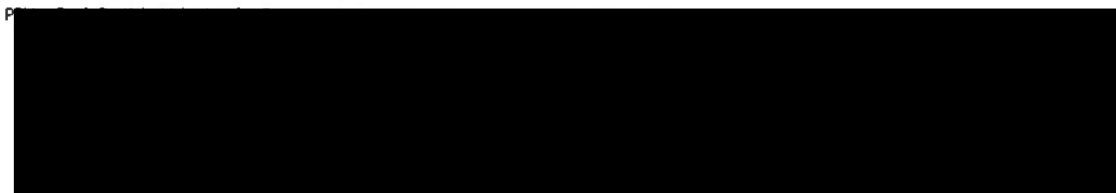
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Vibration
Sampling Date : 19 - 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 - 26 March 2025
Report Date : 27 March 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.229 | 1.8 | 1.198 | 3.6 | 0.166 | 2.4 | $f \leq 10$ | 5.000 |
| 11.00 a.m. - 12.00 p.m. | 0.276 | 3.2 | 1.316 | 4.0 | 0.166 | 3.0 | $f \leq 10$ | 5.000 |
| 12.00 p.m. - 01.00 p.m. | 0.236 | 3.3 | 1.718 | 4.1 | 0.173 | 1.6 | $f \leq 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | 0.307 | 3.0 | 0.922 | 3.7 | 0.189 | 2.9 | $f \leq 10$ | 5.000 |
| 04.00 p.m. - 05.00 p.m. | 0.221 | <1.0 | 0.607 | 8.5 | 0.134 | 2.2 | $f \leq 10$ | 5.000 |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | 0.166 | <1.0 | 0.567 | 6.4 | 0.134 | 6.4 | $f \leq 10$ | 5.000 |
| 08.00 a.m. - 09.00 a.m. | 0.268 | 14.0 | 0.662 | 13.0 | 0.118 | 7.5 | $10 < f \leq 50$ | 5.750 |
| 09.00 a.m. - 10.00 a.m. | 0.276 | 6.0 | 0.765 | 9.3 | 0.229 | 16.0 | $f \leq 10$ | 5.000 |
| 24 Hour Maximum | - | - | 1.718 | 4.1 | - | - | $f \leq 10$ | 5.000 |

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),



TNP ENVIRONMENT CO.,LTD.
สำนักสิ่งแวดล้อมภาค 11

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิเมเนจัน จำกัด
Project Name : โครงการ โรงแรมแอทธมาดท์ พัทยาใต้
(Atrmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429404 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Vibration
Sampling Date : 17 – 18 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | 0.236 | <1.0 | 0.757 | 7.4 | 0.166 | 5.7 | $f \leq 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | 0.229 | 3.4 | 0.575 | 12.0 | 0.158 | 2.7 | $10 < f \leq 50$ | 5.500 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | 0.173 | <1.0 | 0.741 | 27.0 | 0.102 | 1.8 | $10 < f \leq 50$ | 9.250 |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | 0.166 | <1.0 | 0.512 | 3.8 | 0.134 | 4.0 | $f \leq 10$ | 5.000 |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | 0.292 | 5.9 | 0.554 | 26.0 | 0.173 | 13.0 | $10 < f \leq 50$ | 9.000 |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.244 | 1.1 | 0.717 | 8.5 | 0.197 | 3.8 | $f \leq 10$ | 5.000 |
| 24 Hour Maximum | - | - | 0.757 | 7.4 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).

Reviewed Signature



Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท ไทคอมบาคคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429404 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

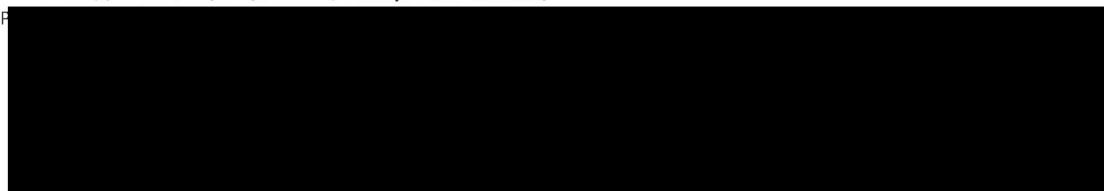
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Vibration
Sampling Date : 18 – 19 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | 0.268 | 2.2 | 0.338 | 3.4 | 0.252 | 2.8 | $f \leq 10$ | 5.000 |
| 01.00 p.m. - 02.00 p.m. | 0.276 | 2.4 | 0.471 | 3.7 | 0.213 | 2.5 | $f \leq 10$ | 5.000 |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | 0.386 | 51.0 | 0.867 | 24.0 | 0.646 | 47.0 | $10 < f \leq 50$ | 8.500 |
| 05.00 p.m. - 06.00 p.m. | 0.394 | 7.2 | 0.686 | 7.0 | 0.260 | 20.0 | $f \leq 10$ | 5.000 |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | 0.181 | <1.0 | 0.757 | 3.2 | 0.134 | 2.3 | $f \leq 10$ | 5.000 |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 0.363 | 4.4 | 0.985 | 5.8 | 0.252 | 6.5 | $f \leq 10$ | 5.000 |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 0.985 | 5.8 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),



บริษัท อนุรักษ์นิเวศน์ จำกัด

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704333 E 1429404 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Vibration
Sampling Date : 19 – 20 March 2025
Received Date : 24 March 2025
Analytical Date : 24 – 26 March 2025
Report Date : 27 March 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 10.00 a.m. - 11.00 a.m. | 0.276 | 4.3 | 0.732 | 5.4 | 0.189 | 4.4 | $f \leq 10$ | 5.000 |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | 0.236 | 2.4 | 0.835 | 5.8 | 0.205 | 3.9 | $f \leq 10$ | 5.000 |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | 0.197 | 2.4 | 0.411 | 3.8 | 0.181 | 3.0 | $f \leq 10$ | 5.000 |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | 0.205 | 1.6 | 0.528 | 3.6 | 0.158 | 9.1 | $f \leq 10$ | 5.000 |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | 0.355 | 14.0 | 0.345 | 26.0 | 0.591 | 19.0 | $10 < f \leq 50$ | 9.000 |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.292 | 4.3 | 0.490 | 5.1 | 0.213 | 4.2 | $f \leq 10$ | 5.000 |
| 24 Hour Maximum | - | - | 0.835 | 5.8 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69-4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Vibration
Sampling Date : 18 – 19 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-------------|-------------------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | 3.996 | 9.5 | 1.403 | 15.0 | 4.708 | 10.0 | $f \leq 10$ | 5.000 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | 1.545 | >100 | 3.373 | >100 | 0.820 | >100 | $f > 100$ | 20.000 |
| 05.00 p.m. - 06.00 p.m. | 0.434 | >100 | 1.395 | >100 | 0.370 | >100 | $f > 100$ | 20.000 |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | 0.607 | 2.3 | 1.198 | >100 | 0.552 | 22.0 | $f > 100$ | 20.000 |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 4.059 | <1.0 | 3.113 | 22.0 | 3.697 | 20.0 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | - | - | 4.708 | 10.0 | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A - Not Available (Frequency 1.8 Hz, 1.9 Hz, 2.0 Hz, 2.1 Hz, 2.2 Hz, 2.3 Hz, 2.4 Hz, 2.5 Hz, 2.6 Hz, 2.7 Hz, 2.8 Hz, 2.9 Hz, 3.0 Hz, 3.1 Hz, 3.2 Hz, 3.3 Hz, 3.4 Hz, 3.5 Hz, 3.6 Hz, 3.7 Hz, 3.8 Hz, 3.9 Hz, 4.0 Hz, 4.1 Hz, 4.2 Hz, 4.3 Hz, 4.4 Hz, 4.5 Hz, 4.6 Hz, 4.7 Hz, 4.8 Hz, 4.9 Hz, 5.0 Hz, 5.1 Hz, 5.2 Hz, 5.3 Hz, 5.4 Hz, 5.5 Hz, 5.6 Hz, 5.7 Hz, 5.8 Hz, 5.9 Hz, 6.0 Hz, 6.1 Hz, 6.2 Hz, 6.3 Hz, 6.4 Hz, 6.5 Hz, 6.6 Hz, 6.7 Hz, 6.8 Hz, 6.9 Hz, 7.0 Hz, 7.1 Hz, 7.2 Hz, 7.3 Hz, 7.4 Hz, 7.5 Hz, 7.6 Hz, 7.7 Hz, 7.8 Hz, 7.9 Hz, 8.0 Hz, 8.1 Hz, 8.2 Hz, 8.3 Hz, 8.4 Hz, 8.5 Hz, 8.6 Hz, 8.7 Hz, 8.8 Hz, 8.9 Hz, 9.0 Hz, 9.1 Hz, 9.2 Hz, 9.3 Hz, 9.4 Hz, 9.5 Hz, 9.6 Hz, 9.7 Hz, 9.8 Hz, 9.9 Hz, 10.0 Hz, 10.1 Hz, 10.2 Hz, 10.3 Hz, 10.4 Hz, 10.5 Hz, 10.6 Hz, 10.7 Hz, 10.8 Hz, 10.9 Hz, 11.0 Hz, 11.1 Hz, 11.2 Hz, 11.3 Hz, 11.4 Hz, 11.5 Hz, 11.6 Hz, 11.7 Hz, 11.8 Hz, 11.9 Hz, 12.0 Hz, 12.1 Hz, 12.2 Hz, 12.3 Hz, 12.4 Hz, 12.5 Hz, 12.6 Hz, 12.7 Hz, 12.8 Hz, 12.9 Hz, 13.0 Hz, 13.1 Hz, 13.2 Hz, 13.3 Hz, 13.4 Hz, 13.5 Hz, 13.6 Hz, 13.7 Hz, 13.8 Hz, 13.9 Hz, 14.0 Hz, 14.1 Hz, 14.2 Hz, 14.3 Hz, 14.4 Hz, 14.5 Hz, 14.6 Hz, 14.7 Hz, 14.8 Hz, 14.9 Hz, 15.0 Hz, 15.1 Hz, 15.2 Hz, 15.3 Hz, 15.4 Hz, 15.5 Hz, 15.6 Hz, 15.7 Hz, 15.8 Hz, 15.9 Hz, 16.0 Hz, 16.1 Hz, 16.2 Hz, 16.3 Hz, 16.4 Hz, 16.5 Hz, 16.6 Hz, 16.7 Hz, 16.8 Hz, 16.9 Hz, 17.0 Hz, 17.1 Hz, 17.2 Hz, 17.3 Hz, 17.4 Hz, 17.5 Hz, 17.6 Hz, 17.7 Hz, 17.8 Hz, 17.9 Hz, 18.0 Hz, 18.1 Hz, 18.2 Hz, 18.3 Hz, 18.4 Hz, 18.5 Hz, 18.6 Hz, 18.7 Hz, 18.8 Hz, 18.9 Hz, 19.0 Hz, 19.1 Hz, 19.2 Hz, 19.3 Hz, 19.4 Hz, 19.5 Hz, 19.6 Hz, 19.7 Hz, 19.8 Hz, 19.9 Hz, 20.0 Hz, 20.1 Hz, 20.2 Hz, 20.3 Hz, 20.4 Hz, 20.5 Hz, 20.6 Hz, 20.7 Hz, 20.8 Hz, 20.9 Hz, 21.0 Hz, 21.1 Hz, 21.2 Hz, 21.3 Hz, 21.4 Hz, 21.5 Hz, 21.6 Hz, 21.7 Hz, 21.8 Hz, 21.9 Hz, 22.0 Hz, 22.1 Hz, 22.2 Hz, 22.3 Hz, 22.4 Hz, 22.5 Hz, 22.6 Hz, 22.7 Hz, 22.8 Hz, 22.9 Hz, 23.0 Hz, 23.1 Hz, 23.2 Hz, 23.3 Hz, 23.4 Hz, 23.5 Hz, 23.6 Hz, 23.7 Hz, 23.8 Hz, 23.9 Hz, 24.0 Hz, 24.1 Hz, 24.2 Hz, 24.3 Hz, 24.4 Hz, 24.5 Hz, 24.6 Hz, 24.7 Hz, 24.8 Hz, 24.9 Hz, 25.0 Hz, 25.1 Hz, 25.2 Hz, 25.3 Hz, 25.4 Hz, 25.5 Hz, 25.6 Hz, 25.7 Hz, 25.8 Hz, 25.9 Hz, 26.0 Hz, 26.1 Hz, 26.2 Hz, 26.3 Hz, 26.4 Hz, 26.5 Hz, 26.6 Hz, 26.7 Hz, 26.8 Hz, 26.9 Hz, 27.0 Hz, 27.1 Hz, 27.2 Hz, 27.3 Hz, 27.4 Hz, 27.5 Hz, 27.6 Hz, 27.7 Hz, 27.8 Hz, 27.9 Hz, 28.0 Hz, 28.1 Hz, 28.2 Hz, 28.3 Hz, 28.4 Hz, 28.5 Hz, 28.6 Hz, 28.7 Hz, 28.8 Hz, 28.9 Hz, 29.0 Hz, 29.1 Hz, 29.2 Hz, 29.3 Hz, 29.4 Hz, 29.5 Hz, 29.6 Hz, 29.7 Hz, 29.8 Hz, 29.9 Hz, 30.0 Hz, 30.1 Hz, 30.2 Hz, 30.3 Hz, 30.4 Hz, 30.5 Hz, 30.6 Hz, 30.7 Hz, 30.8 Hz, 30.9 Hz, 31.0 Hz, 31.1 Hz, 31.2 Hz, 31.3 Hz, 31.4 Hz, 31.5 Hz, 31.6 Hz, 31.7 Hz, 31.8 Hz, 31.9 Hz, 32.0 Hz, 32.1 Hz, 32.2 Hz, 32.3 Hz, 32.4 Hz, 32.5 Hz, 32.6 Hz, 32.7 Hz, 32.8 Hz, 32.9 Hz, 33.0 Hz, 33.1 Hz, 33.2 Hz, 33.3 Hz, 33.4 Hz, 33.5 Hz, 33.6 Hz, 33.7 Hz, 33.8 Hz, 33.9 Hz, 34.0 Hz, 34.1 Hz, 34.2 Hz, 34.3 Hz, 34.4 Hz, 34.5 Hz, 34.6 Hz, 34.7 Hz, 34.8 Hz, 34.9 Hz, 35.0 Hz, 35.1 Hz, 35.2 Hz, 35.3 Hz, 35.4 Hz, 35.5 Hz, 35.6 Hz, 35.7 Hz, 35.8 Hz, 35.9 Hz, 36.0 Hz, 36.1 Hz, 36.2 Hz, 36.3 Hz, 36.4 Hz, 36.5 Hz, 36.6 Hz, 36.7 Hz, 36.8 Hz, 36.9 Hz, 37.0 Hz, 37.1 Hz, 37.2 Hz, 37.3 Hz, 37.4 Hz, 37.5 Hz, 37.6 Hz, 37.7 Hz, 37.8 Hz, 37.9 Hz, 38.0 Hz, 38.1 Hz, 38.2 Hz, 38.3 Hz, 38.4 Hz, 38.5 Hz, 38.6 Hz, 38.7 Hz, 38.8 Hz, 38.9 Hz, 39.0 Hz, 39.1 Hz, 39.2 Hz, 39.3 Hz, 39.4 Hz, 39.5 Hz, 39.6 Hz, 39.7 Hz, 39.8 Hz, 39.9 Hz, 40.0 Hz, 40.1 Hz, 40.2 Hz, 40.3 Hz, 40.4 Hz, 40.5 Hz, 40.6 Hz, 40.7 Hz, 40.8 Hz, 40.9 Hz, 41.0 Hz, 41.1 Hz, 41.2 Hz, 41.3 Hz, 41.4 Hz, 41.5 Hz, 41.6 Hz, 41.7 Hz, 41.8 Hz, 41.9 Hz, 42.0 Hz, 42.1 Hz, 42.2 Hz, 42.3 Hz, 42.4 Hz, 42.5 Hz, 42.6 Hz, 42.7 Hz, 42.8 Hz, 42.9 Hz, 43.0 Hz, 43.1 Hz, 43.2 Hz, 43.3 Hz, 43.4 Hz, 43.5 Hz, 43.6 Hz, 43.7 Hz, 43.8 Hz, 43.9 Hz, 44.0 Hz, 44.1 Hz, 44.2 Hz, 44.3 Hz, 44.4 Hz, 44.5 Hz, 44.6 Hz, 44.7 Hz, 44.8 Hz, 44.9 Hz, 45.0 Hz, 45.1 Hz, 45.2 Hz, 45.3 Hz, 45.4 Hz, 45.5 Hz, 45.6 Hz, 45.7 Hz, 45.8 Hz, 45.9 Hz, 46.0 Hz, 46.1 Hz, 46.2 Hz, 46.3 Hz, 46.4 Hz, 46.5 Hz, 46.6 Hz, 46.7 Hz, 46.8 Hz, 46.9 Hz, 47.0 Hz, 47.1 Hz, 47.2 Hz, 47.3 Hz, 47.4 Hz, 47.5 Hz, 47.6 Hz, 47.7 Hz, 47.8 Hz, 47.9 Hz, 48.0 Hz, 48.1 Hz, 48.2 Hz, 48.3 Hz, 48.4 Hz, 48.5 Hz, 48.6 Hz, 48.7 Hz, 48.8 Hz, 48.9 Hz, 49.0 Hz, 49.1 Hz, 49.2 Hz, 49.3 Hz, 49.4 Hz, 49.5 Hz, 49.6 Hz, 49.7 Hz, 49.8 Hz, 49.9 Hz, 50.0 Hz, 50.1 Hz, 50.2 Hz, 50.3 Hz, 50.4 Hz, 50.5 Hz, 50.6 Hz, 50.7 Hz, 50.8 Hz, 50.9 Hz, 51.0 Hz, 51.1 Hz, 51.2 Hz, 51.3 Hz, 51.4 Hz, 51.5 Hz, 51.6 Hz, 51.7 Hz, 51.8 Hz, 51.9 Hz, 52.0 Hz, 52.1 Hz, 52.2 Hz, 52.3 Hz, 52.4 Hz, 52.5 Hz, 52.6 Hz, 52.7 Hz, 52.8 Hz, 52.9 Hz, 53.0 Hz, 53.1 Hz, 53.2 Hz, 53.3 Hz, 53.4 Hz, 53.5 Hz, 53.6 Hz, 53.7 Hz, 53.8 Hz, 53.9 Hz, 54.0 Hz, 54.1 Hz, 54.2 Hz, 54.3 Hz, 54.4 Hz, 54.5 Hz, 54.6 Hz, 54.7 Hz, 54.8 Hz, 54.9 Hz, 55.0 Hz, 55.1 Hz, 55.2 Hz, 55.3 Hz, 55.4 Hz, 55.5 Hz, 55.6 Hz, 55.7 Hz, 55.8 Hz, 55.9 Hz, 56.0 Hz, 56.1 Hz, 56.2 Hz, 56.3 Hz, 56.4 Hz, 56.5 Hz, 56.6 Hz, 56.7 Hz, 56.8 Hz, 56.9 Hz, 57.0 Hz, 57.1 Hz, 57.2 Hz, 57.3 Hz, 57.4 Hz, 57.5 Hz, 57.6 Hz, 57.7 Hz, 57.8 Hz, 57.9 Hz, 58.0 Hz, 58.1 Hz, 58.2 Hz, 58.3 Hz, 58.4 Hz, 58.5 Hz, 58.6 Hz, 58.7 Hz, 58.8 Hz, 58.9 Hz, 59.0 Hz, 59.1 Hz, 59.2 Hz, 59.3 Hz, 59.4 Hz, 59.5 Hz, 59.6 Hz, 59.7 Hz, 59.8 Hz, 59.9 Hz, 60.0 Hz, 60.1 Hz, 60.2 Hz, 60.3 Hz, 60.4 Hz, 60.5 Hz, 60.6 Hz, 60.7 Hz, 60.8 Hz, 60.9 Hz, 61.0 Hz, 61.1 Hz, 61.2 Hz, 61.3 Hz, 61.4 Hz, 61.5 Hz, 61.6 Hz, 61.7 Hz, 61.8 Hz, 61.9 Hz, 62.0 Hz, 62.1 Hz, 62.2 Hz, 62.3 Hz, 62.4 Hz, 62.5 Hz, 62.6 Hz, 62.7 Hz, 62.8 Hz, 62.9 Hz, 63.0 Hz, 63.1 Hz, 63.2 Hz, 63.3 Hz, 63.4 Hz, 63.5 Hz, 63.6 Hz, 63.7 Hz, 63.8 Hz, 63.9 Hz, 64.0 Hz, 64.1 Hz, 64.2 Hz, 64.3 Hz, 64.4 Hz, 64.5 Hz, 64.6 Hz, 64.7 Hz, 64.8 Hz, 64.9 Hz, 65.0 Hz, 65.1 Hz, 65.2 Hz, 65.3 Hz, 65.4 Hz, 65.5 Hz, 65.6 Hz, 65.7 Hz, 65.8 Hz, 65.9 Hz, 66.0 Hz, 66.1 Hz, 66.2 Hz, 66.3 Hz, 66.4 Hz, 66.5 Hz, 66.6 Hz, 66.7 Hz, 66.8 Hz, 66.9 Hz, 67.0 Hz, 67.1 Hz, 67.2 Hz, 67.3 Hz, 67.4 Hz, 67.5 Hz, 67.6 Hz, 67.7 Hz, 67.8 Hz, 67.9 Hz, 68.0 Hz, 68.1 Hz, 68.2 Hz, 68.3 Hz, 68.4 Hz, 68.5 Hz, 68.6 Hz, 68.7 Hz, 68.8 Hz, 68.9 Hz, 69.0 Hz, 69.1 Hz, 69.2 Hz, 69.3 Hz, 69.4 Hz, 69.5 Hz, 69.6 Hz, 69.7 Hz, 69.8 Hz, 69.9 Hz, 70.0 Hz, 70.1 Hz, 70.2 Hz, 70.3 Hz, 70.4 Hz, 70.5 Hz, 70.6 Hz, 70.7 Hz, 70.8 Hz, 70.9 Hz, 71.0 Hz, 71.1 Hz, 71.2 Hz, 71.3 Hz, 71.4 Hz, 71.5 Hz, 71.6 Hz, 71.7 Hz, 71.8 Hz, 71.9 Hz, 72.0 Hz, 72.1 Hz, 72.2 Hz, 72.3 Hz, 72.4 Hz, 72.5 Hz, 72.6 Hz, 72.7 Hz, 72.8 Hz, 72.9 Hz, 73.0 Hz, 73.1 Hz, 73.2 Hz, 73.3 Hz, 73.4 Hz, 73.5 Hz, 73.6 Hz, 73.7 Hz, 73.8 Hz, 73.9 Hz, 74.0 Hz, 74.1 Hz, 74.2 Hz, 74.3 Hz, 74.4 Hz, 74.5 Hz, 74.6 Hz, 74.7 Hz, 74.8 Hz, 74.9 Hz, 75.0 Hz, 75.1 Hz, 75.2 Hz, 75.3 Hz, 75.4 Hz, 75.5 Hz, 75.6 Hz, 75.7 Hz, 75.8 Hz, 75.9 Hz, 76.0 Hz, 76.1 Hz, 76.2 Hz, 76.3 Hz, 76.4 Hz, 76.5 Hz, 76.6 Hz, 76.7 Hz, 76.8 Hz, 76.9 Hz, 77.0 Hz, 77.1 Hz, 77.2 Hz, 77.3 Hz, 77.4 Hz, 77.5 Hz, 77.6 Hz, 77.7 Hz, 77.8 Hz, 77.9 Hz, 78.0 Hz, 78.1 Hz, 78.2 Hz, 78.3 Hz, 78.4 Hz, 78.5 Hz, 78.6 Hz, 78.7 Hz, 78.8 Hz, 78.9 Hz, 79.0 Hz, 79.1 Hz, 79.2 Hz, 79.3 Hz, 79.4 Hz, 79.5 Hz, 79.6 Hz, 79.7 Hz, 79.8 Hz, 79.9 Hz, 80.0 Hz, 80.1 Hz, 80.2 Hz, 80.3 Hz, 80.4 Hz, 80.5 Hz, 80.6 Hz, 80.7 Hz, 80.8 Hz, 80.9 Hz, 81.0 Hz, 81.1 Hz, 81.2 Hz, 81.3 Hz, 81.4 Hz, 81.5 Hz, 81.6 Hz, 81.7 Hz, 81.8 Hz, 81.9 Hz, 82.0 Hz, 82.1 Hz, 82.2 Hz, 82.3 Hz, 82.4 Hz, 82.5 Hz, 82.6 Hz, 82.7 Hz, 82.8 Hz, 82.9 Hz, 83.0 Hz, 83.1 Hz, 83.2 Hz, 83.3 Hz, 83.4 Hz, 83.5 Hz, 83.6 Hz, 83.7 Hz, 83.8 Hz, 83.9 Hz, 84.0 Hz, 84.1 Hz, 84.2 Hz, 84.3 Hz, 84.4 Hz, 84.5 Hz, 84.6 Hz, 84.7 Hz, 84.8 Hz, 84.9 Hz, 85.0 Hz, 85.1 Hz, 85.2 Hz, 85.3 Hz, 85.4 Hz, 85.5 Hz, 85.6 Hz, 85.7 Hz, 85.8 Hz, 85.9 Hz, 86.0 Hz, 86.1 Hz, 86.2 Hz, 86.3 Hz, 86.4 Hz, 86.5 Hz, 86.6 Hz, 86.7 Hz, 86.8 Hz, 86.9 Hz, 87.0 Hz, 87.1 Hz, 87.2 Hz, 87.3 Hz, 87.4 Hz, 87.5 Hz, 87.6 Hz, 87.7 Hz, 87.8 Hz, 87.9 Hz, 88.0 Hz, 88.1 Hz, 88.2 Hz, 88.3 Hz, 88.4 Hz, 88.5 Hz, 88.6 Hz, 88.7 Hz, 88.8 Hz, 88.9 Hz, 89.0 Hz, 89.1 Hz, 89.2 Hz, 89.3 Hz, 89.4 Hz, 89.5 Hz, 89.6 Hz, 89.7 Hz, 89.8 Hz, 89.9 Hz, 90.0 Hz, 90.1 Hz, 90.2 Hz, 90.3 Hz, 90.4 Hz, 90.5 Hz, 90.6 Hz, 90.7 Hz, 90.8 Hz, 90.9 Hz, 91.0 Hz, 91.1 Hz, 91.2 Hz, 91.3 Hz, 91.4 Hz, 91.5 Hz, 91.6 Hz, 91.7 Hz, 91.8 Hz, 91.9 Hz, 92.0 Hz, 92.1 Hz, 92.2 Hz, 92.3 Hz, 92.4 Hz, 92.5 Hz, 92.6 Hz, 92.7 Hz, 92.8 Hz, 92.9 Hz, 93.0 Hz, 93.1 Hz, 93.2 Hz, 93.3 Hz, 93.4 Hz, 93.5 Hz, 93.6 Hz, 93.7 Hz, 93.8 Hz, 93.9 Hz, 94.0 Hz, 94.1 Hz, 94.2 Hz, 94.3 Hz, 94.4 Hz, 94.5 Hz, 94.6 Hz, 94.7 Hz, 94.8 Hz, 94.9 Hz, 95.0 Hz, 95.1 Hz, 95.2 Hz, 95.3 Hz, 95.4 Hz, 95.5 Hz, 95.6 Hz, 95.7 Hz, 95.8 Hz, 95.9 Hz, 96.0 Hz, 96.1 Hz, 96.2 Hz, 96.3 Hz, 96.4 Hz, 96.5 Hz, 96.6 Hz, 96.7 Hz, 96.8 Hz, 96.9 Hz, 97.0 Hz, 97.1 Hz, 97.2 Hz, 97.3 Hz, 97.4 Hz, 97.5 Hz, 97.6 Hz, 97.7 Hz, 97.8 Hz, 97.9 Hz, 98.0 Hz, 98.1 Hz, 98.2 Hz, 98.3 Hz, 98.4 Hz, 98.5 Hz, 98.6 Hz, 98.7 Hz, 98.8 Hz, 98.9 Hz, 99.0 Hz, 99.1 Hz, 99.2 Hz, 99.3 Hz, 99.4 Hz, 99.5 Hz, 99.6 Hz, 99.7 Hz, 99.8 Hz, 99.9 Hz, 100.0 Hz, 100.1 Hz, 100.2 Hz, 100.3 Hz, 100.4 Hz, 100.5 Hz, 100.6 Hz, 100.7 Hz, 100.8 Hz, 100.9 Hz, 101.0 Hz, 101.1 Hz, 101.2 Hz, 101.3 Hz, 101.4 Hz, 101.5 Hz, 101.6 Hz, 101.7 Hz, 101.8 Hz, 101.9 Hz, 102.0 Hz, 102.1 Hz, 102.2 Hz, 102.3 Hz, 102.4 Hz, 102.5 Hz, 102.6 Hz, 102.7 Hz, 102.8 Hz, 102.9 Hz, 103.0 Hz, 103.1 Hz, 103.2 Hz, 103.3 Hz, 103.4 Hz, 103.5 Hz, 103.6 Hz, 103.7 Hz, 103.8 Hz, 103.9 Hz, 104.0 Hz, 104.1 Hz, 104.2 Hz, 104.3 Hz, 104.4 Hz, 104.5 Hz, 104.6 Hz, 104.7 Hz, 104.8 Hz, 104.9 Hz, 105.0 Hz, 105.1 Hz, 105.2 Hz, 105.3 Hz, 105.4 Hz, 105.5 Hz, 105.6 Hz, 105.7 Hz, 105.8 Hz, 105.9 Hz, 106.0 Hz, 106.1 Hz, 106.2 Hz, 106.3 Hz, 106.4 Hz, 106.5 Hz, 106.6 Hz, 106.7 Hz, 106.8 Hz, 106.9 Hz, 107.0 Hz, 107.1 Hz, 107.2 Hz, 107.3 Hz, 107.4 Hz, 107.5 Hz, 107.6 Hz, 107.7 Hz, 107.8 Hz, 107.9 Hz, 108.0 Hz, 108.1 Hz, 108.2 Hz, 108.3 Hz, 108.4 Hz, 108.5 Hz, 108.6 Hz, 108.7 Hz, 108.8 Hz, 108.9 Hz, 109.0 Hz, 109.1 Hz, 109.2 Hz, 109.3 Hz, 109.4 Hz, 109.5 Hz, 109.6 Hz, 109.7 Hz, 109.8 Hz, 109.9 Hz, 110.0 Hz, 110.1 Hz, 110.2 Hz, 110.3 Hz, 110.4 Hz, 110.5 Hz, 110.6 Hz, 110.7 Hz, 110.8 Hz, 110.9 Hz, 111.0 Hz, 111.1 Hz, 111.2 Hz, 111.3 Hz, 111.4 Hz, 111.5 Hz, 111.6 Hz, 111.7 Hz, 111.8 Hz, 111.9 Hz, 112.0 Hz, 112.1 Hz, 112.2 Hz, 112.3 Hz, 112.4 Hz, 112.5 Hz, 112.6 Hz, 112.7 Hz, 112.8 Hz, 112.9 Hz, 113.0 Hz, 113.1 Hz, 113.2 Hz, 113.3 Hz, 113.4 Hz, 113.5 Hz, 113.6 Hz, 113.7 Hz, 113.8 Hz, 113.9 Hz, 114.0 Hz, 114.1 Hz, 114.2 Hz, 114.3 Hz, 114.4 Hz, 114.5 Hz, 114.6 Hz, 114.7 Hz, 114.8 Hz, 114.9 Hz, 115.0 Hz, 115.1 Hz, 115.2 Hz, 115.3 Hz, 115.4 Hz, 115.5 Hz, 115.6 Hz, 115.7 Hz, 115.8 Hz, 115.9 Hz, 116.0 Hz, 116.1 Hz, 116.2 Hz, 116.3 Hz, 116.4 Hz, 116.5 Hz, 116.6 Hz, 116.7 Hz, 116.8 Hz, 116.9 Hz, 117.0 Hz, 117.1 Hz, 117.2 Hz, 117.3 Hz, 117.4 Hz, 117.5 Hz, 117.6 Hz, 117.7 Hz, 117.8 Hz, 117.9 Hz, 118.0 Hz, 118.1 Hz, 118.2 Hz, 118.3 Hz, 118.4 Hz, 118.5 Hz, 118.6 Hz, 118.7 Hz, 118.8 Hz, 118.9 Hz, 119.0 Hz, 119.1 Hz, 119.2 Hz, 119.3 Hz, 119.4 Hz, 119.5 Hz, 119.6 Hz, 119.7 Hz, 119.8 Hz, 119.9 Hz, 120.0 Hz, 120.1 Hz, 120.2 Hz, 120.3 Hz, 120.4 Hz, 120.5 Hz, 120.6 Hz, 120.7 Hz, 120.8 Hz, 120.9 Hz, 121.0 Hz, 121.1 Hz, 121.2 Hz, 121.3 Hz, 121.4 Hz, 121.5 Hz, 121.6 Hz, 121.7 Hz, 121.8 Hz, 121.9 Hz, 122.0 Hz, 122.1 Hz, 122.2 Hz, 122.3 Hz, 122.4 Hz, 122.5 Hz, 122.6 Hz, 122.7 Hz, 122.8 Hz, 122.9 Hz, 123.0 Hz, 123.1 Hz, 123.2 Hz, 123.3 Hz, 123.4 Hz, 123.5 Hz, 123.6 Hz, 123.7 Hz, 123.8 Hz, 123.9 Hz, 124.0 Hz, 124.1 Hz, 124.2 Hz, 124.3 Hz, 124.4 Hz, 124.5 Hz, 124.6 Hz, 124.7 Hz, 124.8 Hz, 124.9 Hz, 125.0 Hz, 125.1 Hz, 125.2 Hz, 125.3 Hz, 125.4 Hz, 125.5 Hz, 125.6 Hz, 125.7 Hz, 125.8 Hz, 125.9 Hz, 126.0 Hz, 126.1 Hz, 126.2 Hz, 126.3 Hz, 126.4 Hz, 126.5 Hz, 126.6 Hz, 126.7 Hz, 126.8 Hz, 126.9 Hz, 127.0 Hz, 127.1 Hz, 127.2 Hz, 127.3 Hz, 127.4 Hz, 127.5 Hz, 127.6 Hz, 127.7 Hz, 127.8 Hz, 127.9 Hz, 128.0 Hz, 128.1 Hz, 128.2 Hz, 128.3 Hz, 128.4 Hz, 128.5 Hz, 128.6 Hz, 128.7 Hz, 128.8 Hz, 128.9 Hz, 129.0 Hz, 129.1 Hz, 129.2 Hz, 129.3 Hz, 129.4 Hz, 129.5 Hz, 129.6 Hz, 129.7 Hz, 129.8 Hz, 129.9 Hz, 130.0 Hz, 130.1 Hz, 130.2 Hz, 130.3 Hz, 130.4 Hz, 130.5 Hz, 130.6 Hz, 130.7

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Vibration
Sampling Date : 19 – 20 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | 0.512 | 18.0 | 0.150 | 47.0 | 1.033 | 20.0 | $10 < f \leq 50$ | 7.500 |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | 0.583 | 57.0 | 2.341 | 57.0 | 0.631 | 22.0 | $50 < f \leq 100$ | 15.700 |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 a.m. - 11.00 a.m. | 1.513 | 2.2 | 1.710 | 13.0 | 1.797 | <1.0 | $f \leq 10$ | 5.000 |
| 11.00 a.m. - 12.00 p.m. | 1.261 | 20.0 | 0.181 | 35.0 | 2.696 | 20.0 | $10 < f \leq 50$ | 7.500 |
| 24 Hour Maximum | - | - | 2.341 | 57.0 | - | - | $50 < f \leq 100$ | 15.700 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A - Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec)

Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704339 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Vibration
Sampling Date : 20 – 21 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | 0.674 | 8.9 | 0.876 | 24.3 | 0.689 | 7.6 | 10 < f ≤ 50 | 8.575 |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 1.167 | 6.8 | 0.331 | 85.0 | 0.835 | 12.0 | f ≤ 10 | 5.000 |
| 09.00 a.m. - 10.00 a.m. | 0.631 | >100 | 1.206 | >100 | 0.315 | >100 | f > 100 | 20.000 |
| 10.00 a.m. - 11.00 a.m. | 0.268 | 14.0 | 0.662 | 13.0 | 0.118 | 7.5 | 10 < f ≤ 50 | 5.750 |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 1.206 | >100 | - | - | f > 100 | 20.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704342 E 1429406 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Vibration
Sampling Date : 07 – 08 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | 0.247 | <1.0 | 0.718 | 8.4 | 0.167 | 5.7 | $f \leq 10$ | 5.000 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | 0.161 | 2.8 | 0.572 | 23.7 | 0.178 | 2.9 | $10 < f \leq 50$ | 8.425 |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | 0.176 | <1.0 | 0.312 | 3.7 | 0.211 | 4.2 | $f \leq 10$ | 5.000 |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 0.267 | 5.4 | 0.472 | 21.3 | 0.179 | 14.7 | $10 < f \leq 50$ | 7.825 |
| 09.00 a.m. - 10.00 a.m. | 0.238 | 2.9 | 0.621 | 8.2 | 0.189 | 4.6 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | 0.184 | 3.7 | 0.472 | 12.8 | 0.219 | 11.6 | $10 < f \leq 50$ | 5.700 |
| 24 Hour Maximum | - | - | 0.718 | 8.4 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A - Not Available (Frequency 1.0 Hz - 1.0 Hz) - 0.167 mm/s

Reviewed Signatory



Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704342 E 1429406 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

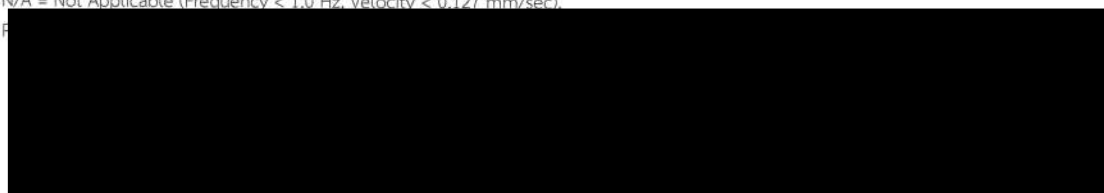
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Vibration
Sampling Date : 08 – 09 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|---------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | 0.213 | 8.7 | 0.537 | 26.8 | 0.235 | 16.8 | 10 < f ≤ 50 | 9.200 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | 0.196 | 8.2 | 0.473 | 24.6 | 0.267 | 13.5 | 10 < f ≤ 50 | 8.650 |
| 05.00 p.m. - 06.00 p.m. | 0.206 | 7.3 | 0.514 | 29.1 | 0.187 | 10.2 | 10 < f ≤ 50 | 9.775 |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | 0.167 | <1.0 | 0.689 | 4.8 | 0.187 | 3.4 | f ≤ 10 | 5.000 |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.366 | 5.2 | 0.894 | 6.8 | 0.279 | 8.4 | f ≤ 10 | 5.000 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 0.894 | 6.8 | - | - | f ≤ 10 | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).



Reviewed Signatory

Approved Signatory

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704342 E 1429406 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

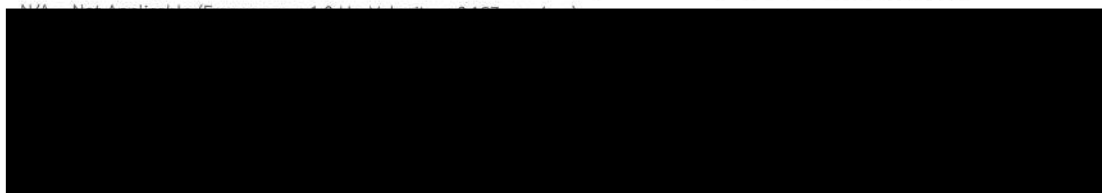
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Vibration
Sampling Date : 09 – 10 April 2025
Received Date : 22 April 2025
Analytical Date : 22 – 24 April 2025
Report Date : 25 April 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | 0.359 | 3.4 | 0.857 | 12.9 | 0.286 | 6.5 | 10 < f ≤ 50 | 5.725 |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | 0.189 | 3.1 | 0.421 | 4.6 | 0.195 | 2.8 | f ≤ 10 | 5.000 |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | 0.189 | 1.7 | 0.542 | 2.9 | 0.173 | 8.7 | f ≤ 10 | 5.000 |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 a.m. - 10.00 a.m. | 0.413 | 18.9 | 0.583 | 24.9 | 0.483 | 16.8 | 10 < f ≤ 50 | 8.725 |
| 10.00 a.m. - 11.00 a.m. | 0.281 | 5.7 | 0.689 | 6.4 | 0.327 | 5.1 | f ≤ 10 | 5.000 |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | 0.264 | 3.8 | 0.716 | 5.4 | 0.179 | 3.9 | f ≤ 10 | 5.000 |
| 24 Hour Maximum | - | - | 0.857 | 12.9 | - | - | 10 < f ≤ 50 | 5.725 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark :



Reviewed Signatory

Approved Signatory



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรวุฒินมณฑล จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704337 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Vibration
Sampling Date : 13 - 14 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | 6.313 | 28.0 | 4.083 | 23.0 | 0.946 | 57.0 | $10 < f \leq 50$ | 9.500 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | 0.095 | 4.0 | 0.583 | 5.0 | 0.173 | 6.4 | $f \leq 10$ | 5.000 |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | 0.331 | 5.4 | 1.702 | 5.2 | 0.205 | 3.8 | $f \leq 10$ | 5.000 |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | 0.205 | 4.4 | 1.064 | 4.2 | 0.260 | 4.9 | $f \leq 10$ | 5.000 |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | 6.313 | 28.0 | - | - | - | - | $10 < f \leq 50$ | 9.500 |

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
 Project Name : โครงการ โรงแรมนอร์ทเมย์ด์ พัทยาใต้
 (Atmind Hotel South Pattaya)
 Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
 Sampling Point : พื้นที่โครงการ
 GPS. Coordinate : 47 P 704337 E 1429372 N
 Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
 Sample No. : S68033/5
 Sample Type : Vibration
 Sampling Date : 14 - 15 May 2025
 Received Date : 19 May 2025
 Analytical Date : 19 - 21 May 2025
 Report Date : 22 May 2025
 Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | 0.166 | 85.0 | 0.173 | 51.0 | 0.260 | 73.0 | $50 < f \leq 100$ | 17.300 |
| 10.00 a.m. - 11.00 a.m. | 0.118 | 34.0 | 0.166 | 47.0 | 0.221 | 24.0 | $10 < f \leq 50$ | 8.500 |
| 11.00 a.m. - 12.00 p.m. | 0.197 | 73.0 | 0.221 | 47.0 | 0.378 | 64.0 | $50 < f \leq 100$ | 16.400 |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | 0.158 | >100 | 0.102 | 73.0 | 0.205 | 64.0 | $50 < f \leq 100$ | 16.400 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | 0.221 | >100 | 0.158 | 39.0 | 0.355 | 73.0 | $50 < f \leq 100$ | 17.300 |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | 0.315 | 85.0 | 0.252 | >100 | 0.536 | 73.0 | $50 < f \leq 100$ | 17.300 |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | 0.197 | >100 | 0.654 | >100 | 0.441 | >100 | $f > 100$ | 20.000 |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 0.654 | >100 | - | - | $f > 100$ | 20.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704337 E 1429372 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Vibration
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|----------------|---------------|-----------|-------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | 0.173 | 64.0 | 0.142 | 47.0 | 0.504 | 73.0 | 50 < f ≤ 100 | 17.300 |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | 0.205 | 73.0 | 0.292 | 85.0 | 0.544 | 64.0 | 50 < f ≤ 100 | 16.400 |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | 0.260 | >100 | 0.252 | >100 | 0.536 | 64.0 | 50 < f ≤ 100 | 16.400 |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | 0.268 | 85.0 | 0.213 | 64.0 | 0.520 | 57.0 | 50 < f ≤ 100 | 15.700 |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | 0.323 | >100 | 0.709 | >100 | 0.528 | >100 | f > 100 | 20.000 |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | 0.134 | 64.0 | 0.426 | 64.0 | 0.520 | 73.0 | 50 < f ≤ 100 | 17.300 |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 0.709 | >100 | - | - | f > 100 | 20.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามาตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704346 E 1429410 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

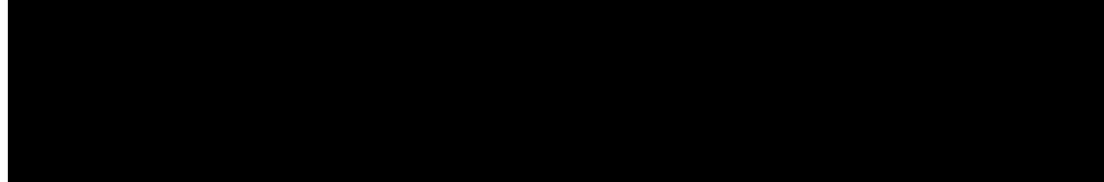
Report No. : S68033
Sample No. : S68033/4
Sample Type : Vibration
Sampling Date : 13 - 14 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|--------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | 0.181 | 13.0 | 1.687 | 57.0 | 0.095 | 64.0 | 50 < f ≤ 100 | 15.700 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | 0.560 | 64.0 | 1.040 | 47.0 | 0.134 | 73.0 | 10 < f ≤ 50 | 14.250 |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 1.687 | 57.0 | - | - | 50 < f ≤ 100 | 15.700 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธนายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โรงแรมนาคาแฟงชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704346 E 1429410 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Vibration
Sampling Date : 14 - 15 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 a.m. - 11.00 a.m. | 0.260 | 35.0 | 0.749 | 28.0 | 0.087 | 45.0 | 10 < f ≤ 50 | 9.500 |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 0.205 | 37.0 | 0.567 | 38.0 | 0.095 | 33.0 | 10 < f ≤ 50 | 12.000 |
| 24 Hour Maximum | - | - | 0.749 | 28.0 | - | - | 10 < f ≤ 50 | 9.500 |

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),

PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz



บริษัท อนุรักษ์นิเวศน์ จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวิวัฒน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704346 E 1429410 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

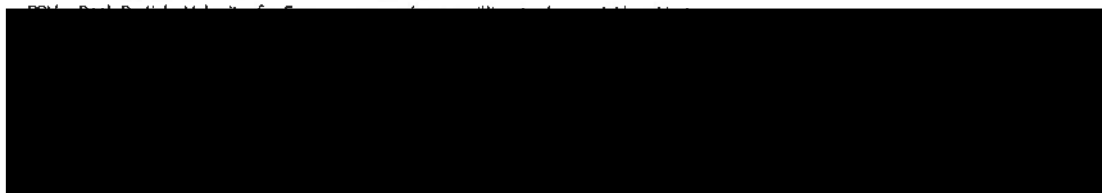
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Vibration
Sampling Date : 15 - 16 May 2025
Received Date : 19 May 2025
Analytical Date : 19 - 21 May 2025
Report Date : 22 May 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | 0.749 | 15.3 | 1.797 | 17.1 | 0.102 | 17.1 | $10 < f \leq 50$ | 6.775 |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | 0.126 | 37.0 | 0.323 | 85.0 | 0.063 | > 100 | $10 < f \leq 100$ | 18.500 |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 0.110 | 14.0 | 0.331 | 7.1 | 1.071 | 31.0 | $10 < f \leq 50$ | 10.250 |
| 24 Hour Maximum | - | - | 1.797 | 17.1 | - | - | $10 < f \leq 50$ | 6.775 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 3, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

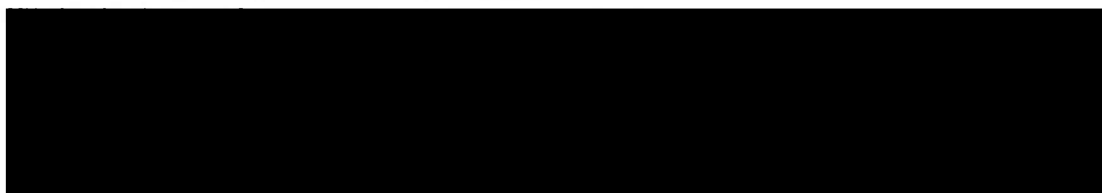
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/2
Sample Type : Vibration
Sampling Date : 10 – 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|--------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | 0.087 | >100 | 2.601 | 37.0 | 0.181 | 39.0 | 10 < f ≤ 50 | 11.750 |
| 10.00 a.m. - 11.00 a.m. | 0.087 | >100 | 0.560 | 73.0 | 0.087 | >100 | 50 < f ≤ 100 | 17.300 |
| 11.00 a.m. - 12.00 p.m. | 0.087 | >100 | 1.103 | 24.0 | 0.102 | 37.0 | 10 < f ≤ 50 | 8.500 |
| 12.00 p.m. - 01.00 p.m. | 0.087 | >100 | 0.757 | 13.0 | 0.071 | >100 | 10 < f ≤ 50 | 5.750 |
| 01.00 p.m. - 02.00 p.m. | 0.095 | >100 | 0.765 | 37.0 | 0.079 | >100 | 10 < f ≤ 50 | 11.750 |
| 02.00 p.m. - 03.00 p.m. | 0.087 | >100 | 1.450 | 57.0 | 0.268 | 1.1 | 50 < f ≤ 100 | 15.700 |
| 03.00 p.m. - 04.00 p.m. | 0.087 | >100 | 0.843 | 21.0 | 0.079 | 34.0 | 10 < f ≤ 50 | 7.750 |
| 04.00 p.m. - 05.00 p.m. | 0.087 | >100 | 1.356 | 18.0 | 0.095 | 27.0 | 10 < f ≤ 50 | 7.000 |
| 05.00 p.m. - 06.00 p.m. | 0.087 | >100 | 0.938 | 15.0 | 1.261 | 34.0 | 10 < f ≤ 50 | 11.000 |
| 06.00 p.m. - 07.00 p.m. | 0.087 | >100 | 2.136 | 19.0 | 0.276 | 37.0 | 10 < f ≤ 50 | 7.250 |
| 07.00 p.m. - 08.00 p.m. | 0.009 | >100 | 0.977 | 23.0 | 0.087 | 39.0 | 10 < f ≤ 50 | 8.250 |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | 0.079 | >100 | 0.749 | 13.0 | 0.079 | >100 | 10 < f ≤ 50 | 5.750 |
| 08.00 a.m. - 09.00 a.m. | 0.095 | >100 | 1.553 | 28.0 | 0.197 | 39.0 | 10 < f ≤ 50 | 9.500 |
| 24 Hour Maximum | - | - | 2.601 | 37.0 | - | - | 10 < f ≤ 50 | 11.750 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part: 69 s, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec).





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ภัทรภูมิเมเนจชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไมด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/4
Sample Type : Vibration
Sampling Date : 11 - 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 - 18 June 2025
Report Date : 19 June 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | 0.087 | 64.0 | 1.111 | 21.0 | 0.118 | 32.0 | 10 < f ≤ 50 | 7.750 |
| 10.00 a.m. - 11.00 a.m. | 0.095 | >100 | 0.725 | 17.0 | 0.095 | 24.0 | 10 < f ≤ 50 | 6.750 |
| 11.00 a.m. - 12.00 p.m. | 0.079 | >100 | 1.474 | 21.0 | 0.102 | 57.0 | 10 < f ≤ 50 | 7.750 |
| 12.00 p.m. - 01.00 p.m. | 0.087 | >100 | 1.513 | >100 | 0.426 | >100 | f > 100 | 20.000 |
| 01.00 p.m. - 02.00 p.m. | 0.079 | >100 | 1.545 | >100 | 0.087 | >100 | f > 100 | 20.000 |
| 02.00 p.m. - 03.00 p.m. | 0.087 | >100 | 1.009 | 16.0 | 0.150 | 28.0 | 10 < f ≤ 50 | 6.500 |
| 03.00 p.m. - 04.00 p.m. | 0.087 | 73.0 | 1.096 | 34.0 | 0.071 | 21.0 | 10 < f ≤ 50 | 11.750 |
| 04.00 p.m. - 05.00 p.m. | 0.087 | >100 | 1.269 | 20.0 | 0.102 | 47.0 | 10 < f ≤ 50 | 7.500 |
| 05.00 p.m. - 06.00 p.m. | 0.087 | >100 | 0.788 | 20.0 | 0.079 | 85.0 | 10 < f ≤ 50 | 7.500 |
| 06.00 p.m. - 07.00 p.m. | 0.087 | >100 | 0.662 | 15.0 | 0.071 | 11.0 | 10 < f ≤ 50 | 6.250 |
| 07.00 p.m. - 08.00 p.m. | 0.087 | 85.0 | 0.859 | >100 | 0.914 | >100 | f > 100 | 20.000 |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | 0.079 | >100 | 0.591 | 16.0 | 0.765 | 5.9 | 10 < f ≤ 50 | 6.500 |
| 08.00 a.m. - 09.00 a.m. | 0.102 | 39.0 | 0.985 | >100 | 0.166 | >100 | f > 100 | 20.000 |
| 24 Hour Maximum | - | - | 1.545 | >100 | - | - | f > 100 | 20.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 1, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),



บริษัท ภัทรภูมิเมเนจชั่น จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.env@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704330 E 1429363 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

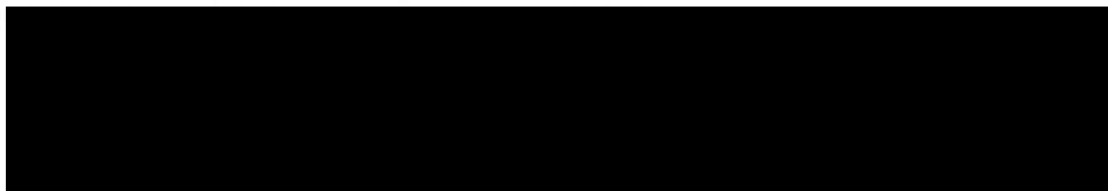
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/6
Sample Type : Vibration
Sampling Date : 12 – 13 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|----------------|---------------|-----------|-------------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | 0.087 | >100 | 1.143 | 22.0 | 0.079 | 85.0 | 10 < f ≤ 50 | 8.000 |
| 10.00 a.m. - 11.00 a.m. | 0.087 | 57.0 | 2.893 | >100 | 0.095 | 64.0 | f > 100 | 20.000 |
| 11.00 a.m. - 12.00 p.m. | 0.087 | >100 | 1.301 | 23.0 | 0.079 | >100 | 10 < f ≤ 50 | 8.250 |
| 12.00 p.m. - 01.00 p.m. | 0.087 | 43.0 | 0.560 | 11.0 | 0.071 | >100 | 10 < f ≤ 50 | 5.250 |
| 01.00 p.m. - 02.00 p.m. | 0.087 | >100 | 2.286 | 16.0 | 0.071 | >100 | 10 < f ≤ 50 | 6.500 |
| 02.00 p.m. - 03.00 p.m. | 0.087 | >100 | 0.804 | 15.0 | 0.079 | >100 | 10 < f ≤ 50 | 6.250 |
| 03.00 p.m. - 04.00 p.m. | 0.095 | >100 | 1.301 | 85.0 | 0.079 | >100 | 50 < f ≤ 100 | 18.500 |
| 04.00 p.m. - 05.00 p.m. | 0.095 | 85.0 | 0.741 | 85.0 | 0.166 | >100 | 50 < f ≤ 100 | 18.500 |
| 05.00 p.m. - 06.00 p.m. | 0.095 | >100 | 1.261 | 26.0 | 0.095 | 12.0 | 10 < f ≤ 50 | 9.000 |
| 06.00 p.m. - 07.00 p.m. | 0.087 | >100 | 0.836 | >100 | 0.079 | 64.0 | f > 100 | 20.000 |
| 07.00 p.m. - 08.00 p.m. | 0.087 | >100 | 1.821 | 27.0 | 0.079 | 51.0 | 10 < f ≤ 50 | 9.250 |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | 0.087 | 85.0 | 0.599 | 17.0 | 0.071 | >100 | 10 < f ≤ 50 | 6.750 |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | 0.079 | >100 | 0.733 | 18.0 | 0.079 | 73.0 | 10 < f ≤ 50 | 7.000 |
| 08.00 a.m. - 09.00 a.m. | 0.079 | >100 | 0.969 | 26.0 | 0.071 | >100 | 10 < f ≤ 50 | 9.000 |
| 24 Hour Maximum | - | - | 2.893 | >100 | - | - | f > 100 | 20.000 |

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Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),



บริษัท ทีเอ็นพี เอ็นไวรอนเม้นท์ จำกัด

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
 (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
 จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704323 E 1429398 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

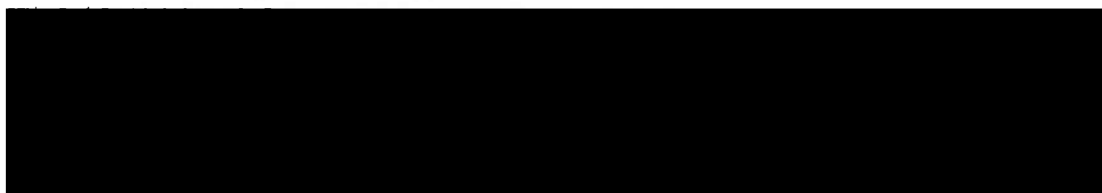
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/3
Sample Type : Vibration
Sampling Date : 10 – 11 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|------------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | 0.254 | 2.6 | 0.368 | 3.3 | 0.157 | 4.2 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | 0.300 | 2.6 | 0.657 | 2.7 | 0.264 | 5.3 | $f \leq 10$ | 5.000 |
| 02.00 p.m. - 03.00 p.m. | 0.285 | 3.0 | 0.741 | 2.5 | 0.269 | 3.5 | $f \leq 10$ | 5.000 |
| 03.00 p.m. - 04.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 0.321 | 2.7 | 0.694 | 3.2 | 0.547 | 2.0 | $f \leq 10$ | 5.000 |
| 24 Hour Maximum | - | - | 0.741 | 2.5 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 ง, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),



บริษัท อนุรักษ์แมนชั่น จำกัด



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704323 E 1429398 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

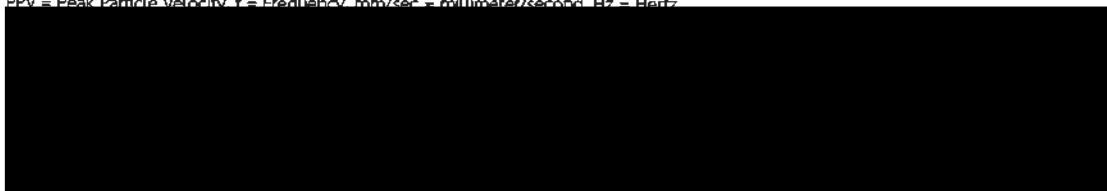
Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/5
Sample Type : Vibration
Sampling Date : 11 – 12 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 a.m. - 11.00 a.m. | 0.265 | 3.0 | 0.847 | 5.2 | 0.163 | 2.4 | $f \leq 10$ | 5.000 |
| 11.00 a.m. - 12.00 p.m. | 0.300 | 2.6 | 0.741 | 2.6 | 0.523 | 3.1 | $f \leq 10$ | 5.000 |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | 0.268 | 5.3 | 0.471 | 2.6 | 0.301 | 2.2 | $f \leq 10$ | 5.000 |
| 04.00 p.m. - 05.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 a.m. - 09.00 a.m. | 0.374 | 2.5 | 0.965 | 3.2 | 0.155 | 2.0 | $f \leq 10$ | 5.000 |
| 24 Hour Maximum | - | - | 0.965 | 3.2 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธามายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาสายใต้ ตำบลหนองปรือ อำเภอบางละมุง
จังหวัดชลบุรี
Sampling Point : พื้นที่บริษัท โทรคมนาคมแห่งชาติ จำกัด (มหาชน)
GPS. Coordinate : 47 P 704323 E 1429398 N
Measurement By : TNP ENVIRONMENT CO.,LTD.

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/7
Sample Type : Vibration
Sampling Date : 12 – 13 June 2025
Received Date : 16 June 2025
Analytical Date : 16 – 18 June 2025
Report Date : 19 June 2025
Measurement Method : Vibration Meter

| Interval Time | Transverse | | Vertical | | Longitudinal | | Standard | |
|-------------------------|---------------|-----------|---------------|-----------|---------------|-----------|-------------|---------------|
| | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | PPV (mm/s) | f (Hz) | f (Hz) | PPV (mm/s) |
| 09.00 a.m. - 10.00 a.m. | 0.260 | 3.5 | 0.756 | 2.5 | 0.364 | 2.1 | $f \leq 10$ | 5.000 |
| 10.00 a.m. - 11.00 a.m. | 0.313 | 2.5 | 0.339 | 5.6 | 0.174 | 2.5 | $f \leq 10$ | 5.000 |
| 11.00 a.m. - 12.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 12.00 p.m. - 01.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 p.m. - 02.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 p.m. - 03.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 p.m. - 04.00 p.m. | 0.305 | 2.5 | 0.865 | 3.1 | 0.247 | 5.0 | $f \leq 10$ | 5.000 |
| 04.00 p.m. - 05.00 p.m. | 0.265 | 3.7 | 0.925 | 3.6 | 0.325 | 3.1 | $f \leq 10$ | 5.000 |
| 05.00 p.m. - 06.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 p.m. - 07.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 p.m. - 08.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 08.00 p.m. - 09.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 09.00 p.m. - 10.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 10.00 p.m. - 11.00 p.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 11.00 p.m. - 00.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 00.00 a.m. - 01.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 01.00 a.m. - 02.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 02.00 a.m. - 03.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 03.00 a.m. - 04.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 04.00 a.m. - 05.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 05.00 a.m. - 06.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 06.00 a.m. - 07.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 07.00 a.m. - 08.00 a.m. | 0.256 | 3.1 | 0.375 | 2.6 | 0.142 | 3.6 | $f \leq 10$ | 5.000 |
| 08.00 a.m. - 09.00 a.m. | N/A | N/A | N/A | N/A | N/A | N/A | - | - |
| 24 Hour Maximum | - | - | 0.925 | 3.6 | - | - | $f \leq 10$ | 5.000 |

Standard : Notification of National Environmental Board No. 37 B.E. 2553 (2010), Under the Enhancement and Conservation of National Environmental Quality Act B.E. 2535 (1992) published in the Royal Government Gazette No. 127 Special Part 69 4, dated June 2 B.E. 2553 (2010)

Remark : N/A = Not Applicable (Frequency < 1.0 Hz, Velocity < 0.127 mm/sec),
PPV = Peak Particle Velocity, f = Frequency, mm/sec = millimeter/second, Hz = Hertz



ภาคผนวก ง4

คุณภาพน้ำทิ้ง



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : บ่อกักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 P 704330 E 1429368 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/1
Sample Type : Wastewater
Sampling Date : 14 January 2025
Sampling Time : 02.58 p.m.
Received Date : 20 January 2025
Analytical Date : 20 – 23 January 2025
Report Date : 24 January 2025

| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|---------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| pH at 25°C | - | Electrometric Method (4500-H ⁺ B) | 7.5 | 5.5-9.0 |
| Total Suspended Solids | mg/L | Dried at 103-105°C (2540 D) | < 5.0 | ≤ 40 |
| Total Dissolved Solids | mg/L | Dried at 180°C (2540 C) | 150 | ≤ 1,000 |
| Biochemical Oxygen Demand * | mg/L | 5-Day BOD Test, Membrane Electrode Method (4500-O ₂ G, 5210 B) | < 2.0 | ≤ 30 |
| Settleable Solids * | mL/L | Imhoff Cone (2540 F) | < 0.1 | - |
| Sulfide * | mg/L | Iodometric Method (4500-S ²⁻ F) | < 0.60 | ≤ 1.0 |
| Fat, Oil and Grease * | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B) | < 2.0 | ≤ 20 |
| Total Kjeldahl Nitrogen ^{2/} | mg/L | Based on Standard Methods for Examination of Water and Wastewater, APHA, AWWA, WEF, 24 th edition, 2023, part 4500- Norg B and part 4500-NH ₃ C. | < 1.00 | ≤ 35 |
| Sample Appearance | Clear/Little Sediment/Odorless | | | |

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่



NSC-TISI-TIS 17025

Testing 1679

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมอทยานต์ พัทยาใต้ (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704326 E 1429371 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

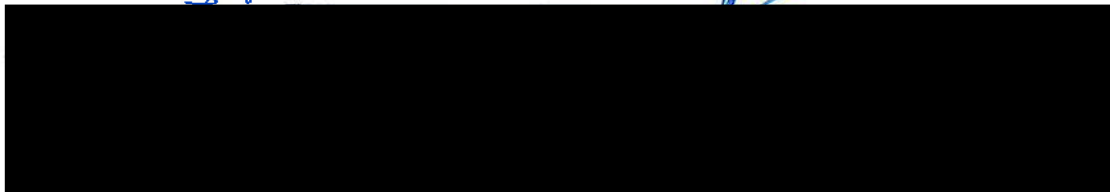
Data Provided by Laboratory

Customer Code : S68033
Sample No : S68033/2
Sample Type : Water Supply
Sampling Date : 14 January 2025
Sampling Time : 03.00 p.m.
Received Date : 15 January 2025
Analytical Date : 15 – 23 January 2025
Report Data : 24 January 2025

| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|------------------------|------|---------------------------------|--------|----------|
| Total Dissolved Solids | mg/L | Dried at 180 °C (2540 C) | 147 | ≤ 500 |
| Sample Appearance | | Clear/Odorless | | |

Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF 24th edition 2023.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิคมขั้น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
 (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : ปอดักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 P 704327 E 1429377 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/1
Sample Type : Wastewater
Sampling Date : 04 February 2025
Sampling Time : 10.00 a.m.
Received Date : 05 February 2025
Analytical Date : 05 -13 February 2025
Report Date : 14 February 2025

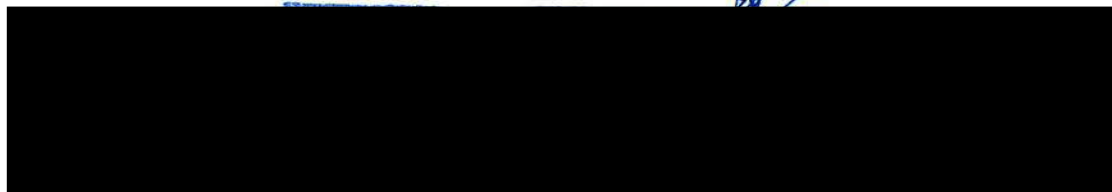
| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|---------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|
| pH at 23.1°C | - | Electrometric Method (4500-H ⁺ B) | 6.9 | 5.5-9.0 |
| Total Suspended Solids | mg/L | Dried at 103-105°C (2540 D) | < 5.0 | ≤ 40 |
| Total Dissolved Solids | mg/L | Dried at 180°C (2540 C) | 139 | ≤ 1,000 |
| Biochemical Oxygen Demand * | mg/L | 5-Day BOD Test, Membrane Electrode Method (4500-O ₂ G, 5210 B) | < 2.0 | ≤ 30 |
| Settleable Solids * | mL/L | Imhoff Cone (2540 F) | < 0.1 | - |
| Sulfide * | mg/L | Iodometric Method (4500-S ²⁻ F) | < 0.60 | ≤ 1.0 |
| Fat, Oil and Grease * | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B) ^{2/} | < 2.0 | ≤ 20 |
| Total Kjeldahl Nitrogen ^{2/} | mg/L | Based on Standard Methods for Examination of Water and Wastewater, APHA, AWWA, WEF, 24 th edition, 2023, part 4500- Norg B and part 4500-NH ₃ C. | < 1.00 | ≤ 35 |
| Sample Appearance | | Clear/Little Sediment/Odorless | | |

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมายุค พัทยาใต้ (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704337 E 1429377 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : 568033
Sample No : 568033/2
Sample Type : Water Supply
Sampling Date : 04 February 2025
Sampling Time : 10.02 a.m.
Received Date : 05 February 2025
Analytical Date : 05 – 13 February 2025
Report Data : 14 February 2025

| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|------------------------|------|---------------------------------|--------|----------|
| Total Dissolved Solids | mg/L | Dried at 180 °C (2540 C) | 122 | ≤ 500 |
| Sample Appearance | | Clear/Odorless | | |

Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF 24th edition 2023.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ญัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาปัตย์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : บ่อพักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 P 704323 E 1429368 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/1
Sample Type : Wastewater
Sampling Date : 18 March 2025
Sampling Time : 10.24 a.m.
Received Date : 19 March 2025
Analytical Date : 19 March – 03 April 2025
Report Date : 04 April 2025

| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|----------------------------------------|------|-----------------------------------------------------------------|--------|----------|
| pH at 22.9°C | - | Electrometric Method (4500-H ⁺ B) | 7.4 | 5.5-9.0 |
| Total Suspended Solids | mg/L | Dried at 103-105°C (2540 D) | <5.0 | ≤ 40 |
| Total Dissolved Solids | mg/L | Dried at 180°C (2540 C) | 153 | ≤ 1,000 |
| Biochemical Oxygen Demand [*] | mg/L | 5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B) | < 2.0 | ≤ 30 |
| Settleable Solids [*] | mL/L | Imhoff Cone (2540 F) | < 0.1 | - |
| Sulfide [*] | mg/L | Iodometric Method (4500-S ²⁻ F) | < 0.60 | ≤ 1.0 |
| Fat, Oil and Grease [*] | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B) | < 2.0 | ≤ 20 |
| Total Kjeldahl Nitrogen ^{**/} | mg/L | APHA:4500-Norg (B) ^{3/} | < 0.28 | ≤ 35 |
| Sample Appearance | | Clear/Little Sediment/Odorless | | |

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

^{*} This item is out the scope ISO/IEC 17025:2017 Accreditation.




ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวิทย์แมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธาไฮด์ พัทยาใต้ (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704345 E 1429368 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68033
Sample No : S68033/2
Sample Type : Water Supply
Sampling Date : 18 March 2025
Sampling Time : 10.25 a.m.
Received Date : 19 March 2025
Analytical Date : 19 – 28 March 2025
Report Data : 31 March 2025

| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|------------------------|------|---------------------------------|--------|----------|
| Total Dissolved Solids | mg/L | Dried at 180 °C (2540 C) | 144 | ≤ 500 |
| Sample Appearance | | Clear/Odorless | | |

Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF 24th edition 2023.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : บ่อพักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 P 704334 E 1429371 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/8
Sample Type : Wastewater
Sampling Date : 26 April 2025
Sampling Time : 07.13 p.m.
Received Date : 27 April 2025
Analytical Date : 27 April – 13 May 2025
Report Date : 14 May 2025

| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|---------------------------------------|------|-----------------------------------------------------------------|--------|----------|
| pH at 27.1°C | - | Electrometric Method (4500-H ⁺ B) | 7.4 | 5.5-9.0 |
| Total Suspended Solids | mg/L | Dried at 103-105°C (2540 D) | <5.0 | ≤ 40 |
| Total Dissolved Solids | mg/L | Dried at 180°C (2540 C) | 207 | ≤ 1,000 |
| Biochemical Oxygen Demand * | mg/L | 5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B) | < 2.0 | ≤ 30 |
| Settleable Solids * | mL/L | Imhoff Cone (2540 F) | < 0.1 | - |
| Sulfide * | mg/L | Iodometric Method (4500-S ²⁻ F) | < 0.60 | ≤ 1.0 |
| Fat, Oil and Grease * | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B) | < 2.0 | ≤ 20 |
| Total Kjeldahl Nitrogen ^{2/} | mg/L | APHA:4500-Norg (B) ^{3/} | < 0.28 | ≤ 35 |
| Sample Appearance | | Clear/Little Sediment/Odorless | | |

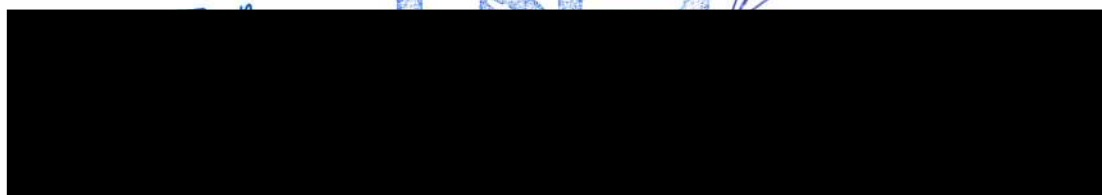
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), , Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอทธมาйд พัทยาใต้ (Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : พื้นที่โครงการ
GPS. Coordinate : 47 P 704334 E 1429371 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : S68033
Sample No : S68033/9
Sample Type : Water Supply
Sampling Date : 26 April 2025
Sampling Time : 07.15 p.m.
Received Date : 27 April 2025
Analytical Date : 27 April – 07 May 2025
Report Data : 08 May 2025

| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|------------------------|------|---------------------------------|--------|----------|
| Total Dissolved Solids | mg/L | Dried at 180 °C (2540 C) | 188 | ≤ 500 |
| Sample Appearance | | Clear/Odorless | | |

Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF 24th edition 2023.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท อนุรักษ์นิเวศน์ จำกัด
Project Name : โครงการ โรงแรมแอมายด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : บ่อกักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 P 704336 E 14293712 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/1
Sample Type : Wastewater
Sampling Date : 16 May 2025
Sampling Time : 08.05 a.m.
Received Date : 17 May 2025
Analytical Date : 17 – 29 May 2025
Report Date : 30 May 2025

| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|---------------------------------------|--------|-------------------------------------------------------|--------|----------|
| pH at 23.4 °C | - | Electrometric Method (4500-H ⁺ B) | 7.5 | 5.5-9.0 |
| Total Suspended Solids | mg/L | Dried at 103-105°C (2540 D) | < 5.0 | ≤ 40 |
| Total Dissolved Solids | mg/L | Dried at 180°C (2540 C) | 41.4 | ≤ 1,000 |
| Biochemical Oxygen Demand * | mg/L | 5-Day BOD Test, Azide Modification (4500-O C, 5210 B) | < 2.0 | ≤ 30 |
| Settleable Solids * | mL/L | Imhoff Cone (2540 F) | < 1.0 | - |
| Sulfide * | mg/L | Iodometric Method (4500-S ²⁻ F) | < 0.60 | ≤ 1.0 |
| Oil and Grease * | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B) | < 2.0 | ≤ 20 |
| Total Kjeldahl Nitrogen ^{2/} | mg/L N | APHA:4500-Norg (B) ^{3/} | < 0.28 | ≤ 35 |
| Sample Appearance | | Clear/Little Sediment/Odorless | | |

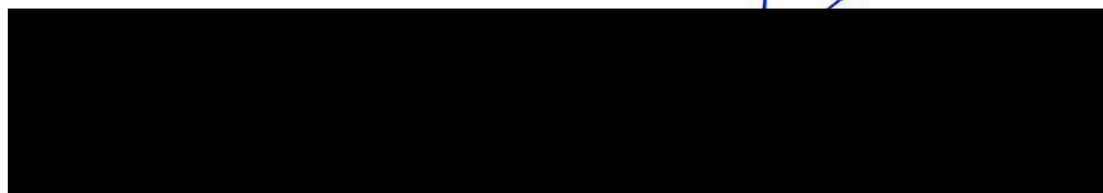
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024) , Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



Analyst

Laboratory Manager

TNP ENVIRONMENT CO.,LTD.
บริษัท อนุรักษ์นิเวศน์ จำกัด

ANALYSIS REPORT

Data Provided by Customer

Customer Name : บริษัท ณัฐวุฒิแมนชั่น จำกัด
Project Name : โครงการ โรงแรมแอทธมาย์ด์ พัทยาใต้
(Atmind Hotel South Pattaya)
Address Project : ถนนพัทยาใต้ ตำบลหนองปรือ อำเภอบางละมุง จังหวัดชลบุรี
Sampling Point : ปอดักน้ำสุดท้ายก่อนระบายออกสู่ท่อรับน้ำทิ้งสาธารณะ
GPS. Coordinate : 47 P 704336 E 14293712 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : S68033
Sample No. : S68033/1
Sample Type : Wastewater
Sampling Date : 10 June 2025
Sampling Time : 10.06 a.m.
Received Date : 12 June 2025
Analytical Date : 11 – 26 June 2025
Report Date : 27 June 2025

| Parameter | Unit | Analytical Method ^{1/} | Result | Standard |
|-----------------------------------------|--------|-----------------------------------------------------------------|--------|----------|
| pH at 22.4 °C | - | Electrometric Method (4500-H ⁺ B) | 7.3 | 5.5-9.0 |
| Total Suspended Solids | mg/L | Dried at 103-105°C (2540 D) | < 5.0 | ≤ 40 |
| Total Dissolved Solids | mg/L | Dried at 180°C (2540 C) | 25 | ≤ 1,000 |
| Biochemical Oxygen Demand * | mg/L | 5-Day BOD Test, Azide Modification Method (4500-O C, 5210 B) | < 2.0 | ≤ 30 |
| Settleable Solids * | mL/L | Imhoff Cone (2540 F) | < 0.1 | - |
| Sulfide * | mg/L | Iodometric Method (4500-S ²⁻ F) | < 0.60 | ≤ 1.0 |
| Oil and Grease * | mg/L | Liquid-Liquid, Partition-Gravimetric Method (5520 B) | < 2.0 | ≤ 20 |
| Total Kjeldahl Nitrogen * ^{2/} | mg/L N | APHA:4500-Norg (B) ^{3/} | < 0.28 | ≤ 35 |
| Sample Appearance | | Clear/Little Sediment/Odorless | | |

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type B.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co.,Ltd. Registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.

